Compilation of Selected Hydrologic Data from the MX Missile-Siting Investigation, East-Central Nevada and Western Utah

By Robin L. Bunch and James R. Harrill

U.S. GEOLOGICAL SURVEY

Open-File Report 84-702

A product of the Regional Aquifer-System Analysis of the Great Basin--Nevada, Utah, and adjacent states

Carson City, Nevada

1984

UNITED STATES DEPARTMENT OF THE INTERIOR

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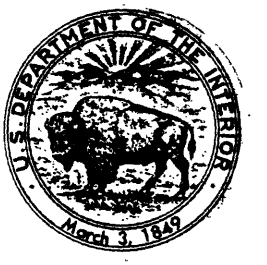

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ILLUSTRATIONS

CONVERSION FACTORS AND ABBREVIATIONS

"Inch-pound" units of measure used in this report may be converted to International System (metric) units by using the following factors:

Multiply	By	To obtain
Feet (ft)	0.3048	Meters (m)
Feet squared per day (ft^2/d)	0.0929	Meters squared per day (m^2/d)
Gallons per minute (gal/min)	0.06309	Liters per second (L/s)
Inches (in.)	25.40	Millimeters (mm)

For temperature, degrees Celsius (°C) can be converted to degrees Fahrenheit (°F) by using the formula °F = [(1.8)(C°)] + 32.

ALTITUDE DATUM

The term "National Geodetic Vertical Datum of 1929" replaces the formerly used term "mean sea level" to describe the datum for altitude measurements. The geodetic datum is derived from a general adjustment of the first-order leveling networks in both the United States and Canada. For convenience in this report, the datum also is referred to as "sea level."

COMPILATION OF SELECTED HYDROLOGIC DATA FROM THE MX MISSILE-SITING INVESTIGATION, EAST-CENTRAL NEVADA AND WESTERN UTAH

By Robin L. Bunch and James R. Harrill

ABSTRACT

Construction, water-level, and water-quality data for wells and site-description, discharge, and water-quality data for springs and streams in 37 hydrographic areas in Nevada and Utah are presented in this report. These data are grouped in tables, by area. Additional tables contain a summary of data and aquifer-test results for wells in valley-fill deposits at 42 sites in Nevada and Utah and for wells in carbonate rocks at five sites in Nevada.

The data in this report were gathered by Ertec Western, Inc., or their subcontractors, for the U.S. Department of the Air Force as part of the MX missile-siting project and were originally presented in a number of individual reports.

INTRODUCTION

In 1979 the U.S. Department of the Air Force selected the Great Basin area of western Utah and east-central Nevada as one of several areas potentially suitable for the MX missile system. This initial selection was followed by several years of intensive effort directed toward evaluating the availability of water resources needed to support the system and determining the probable impacts of the system on existing water users. These key issues needed to be resolved before the final decision on siting was made.

To develop the information that it needed, the Air Force initiated a series of coordinated studies of more than 40 valleys in the Great Basin. These studies include extensive literature searches, field reconnaissance, and, in some valleys, test drilling, aquifer testing, and development of ground-water flow models to help in predicting potential impacts of pumping.

The results were presented in a number of reports, most of which were produced by the principal contractor to the Air Force, Ertec Western, Inc. (formerly known as Fugro, Inc.), or their subcontractors. Generally, only a few copies of each report were prepared and those received limited distribution. The resulting limited availability poses a problem for those who might beneficially use the information. The purpose of this report is to provide a more readily available compilation of much of the hydrologic data assembled during the MX siting investigation. This work was done in support of the Regional Aquifer-Systems Analysis of the Great Basin Region of Nevada, Utah, and adjacent states, which is being made by the U.S. Geological Survey as part of a series of systematic studies of regional aquifer systems throughout the United States.

This report was made possible by the cooperation of the U.S. Air Force in permitting Ertec Western, Inc., to release basic hydrologic data from their files for publication by the U.S. Geological Survey.

Special thanks are due to Richard L. Bateman, senior hydrologist with Ertec Western, Inc., and to James D. Crabtree, former project hydrologist with Ertec Western Inc., for their enthusiastic support and assistance in providing reproducible copies of pages from data appendices.

LOCATION NUMBERS FOR HYDROLOGIC SITES

The location number used to describe a well or spring in the data tables is based on the common method of subdividing Federal lands in the western United States. In Nevada, the numbers are referenced to the Mount Diablo base line and meridian, and in Utah to the Salt Lake base line and meridian.

A typical Nevada number consists of three units: the first is the township north or south of the Mount Diablo base line, and the second unit, separated from the first by a slant line, is the range east of the Mount Diablo meridian. The third unit, preceded by a dash, indicates the section number within the township, letters that indicate location within the section, and a sequence number which indicates the order in which the site was recorded. The letters A, B, C, and D designate, respectively, the northeast, northwest, southwest, and southeast quarters of the section or of the previous quarter specified. For example, 16N/51E-7DA1 is the first well in the NE¼SE¼ sec. 7, T. 16 N., R. 51 E.

In Utah, site locations are numbered similarly according to a system that was devised cooperatively by the Utah State Engineer and the Geological Survey in about 1935. The system is illustrated in figure 1. The first unit of the location number comprises letters and numbers that designate, consecutively, the quadrant and township (shown together in parentheses by a capital letter designating the quadrant in relation to the base point of the Salt Lake base and meridian, followed by numbers designating the township and range). The letters A, B, C, and D designate, respectively, the northeast, northwest, southwest, and southeast quadrants of the standard base and meridian system. The second unit of the location number consists of the section number followed consecutively by letters designating the quarter section, the quarter of the quarter section, the quarter of the quarter-quarter section, and finally (preceded by a hyphen) the particular site within the 10-acre tract. The lower-case letters a, b, c, and d, designate the northeast, northwest, southwest, and southeast quarters of the section or previous quarter. For example, number (B-2-2) 12dcd-2 designate well 2 in the SE¼SW¼SE¼ sec. 12, T. 2 N., R. 2 W., the letter B showing that the township is north of the Salt Lake base line and the range is west of the Salt Lake meridian; and the number (D-3-2) 34 bca-1 designates well 1 in the NE¼SW¼NW¼ sec. 34, T. 3 S., R. 2 E. Springs and sampling sites are also numbered using this system, but the designation number within a 10-acre tract is omitted.

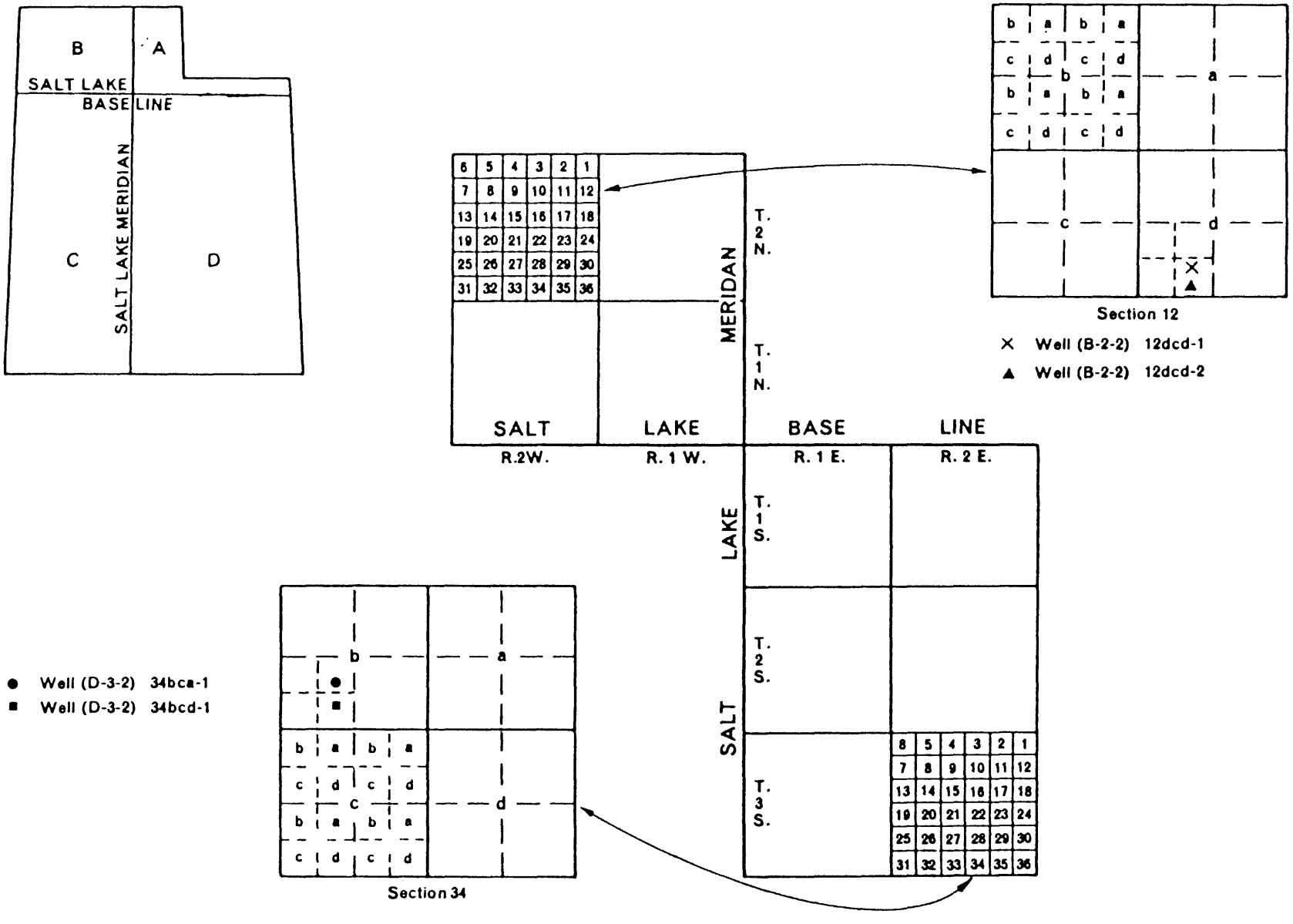

Figure 1.—Well-numbering system used in Utah

DESCRIPTION OF WATER-DATA COMPILATION

The basic data included in this compilation are listed in 45 tables in the next section of this report. The data have been organized by hydrographic areas and each table (except the last two tabulations) contains data from a specific area. Plate 1 shows the areas for which information was compiled. The hydrographic-area names listed on plate 1 are those generally recognized by State and local agencies. These agree with the area names used in the MX siting-study reports except as follows:

- Beryl-Enterprise Area, Utah--the MX siting reports use the name "Beryl District."
- Dry Lake Valley, Nev.--the MX reports use the name "Muleshoe Valley" for the northern part.
- Hot Creek Valley, Nev.--the MX reports use the name "Reveille Valley" for the southern part.
- Little Smoky Valley, Nev.--the MX reports use the name "Big Sand Springs Valley" for the southern part.
- Sevier Desert, Utah--the MX reports use the name "Whirlwind Valley" for the northwestern part.

In addition, the area listed informally herein as "Escalante area, Utah," comprises parts of the Milford and Lund Districts and the Beryl-Enterprise Area.

Each table has several parts that identify specific categories of data. These parts are well and water-level data, selected water-quality data, discharge data, and records of springs. Tables for areas with sparse information may contain only one or two parts, whereas tables for areas with abundant data may contain several parts. Where more than one report had tables containing a particular category of data for an area, and the information could not be readily combined, more than one table may be presented for a single category of data.

Formats of the tables differ slightly because of the several sources of information involved. The site-location system, described previously, is consistent throughout. The column headings are largely self explanatory and will not be described in detail. The following comments may be helpful:

DATA SOURCE or REFERENCES--contains an abbreviated reference (senior author's last name and last two digits of year of publication) to indicate where that information was obtained. A complete citation is given at the back of this report.

ELEV--the altitude above sea level.

GPM--gallons per minute.

HCO3+CO3 AS HCO3--bicarbonate plus carbonate, expressed as bicarbonate.

ID--the inside diameter.

ID NO.--map-location numbers used in the original Ertec references. These maps are not included in this compilation, but the identification numbers have been retained in some of the tables for better continuity between individual tabulations.

MO YR--sampling date.

NA+K AS NA--sodium plus potassium, calculated by difference and expressed as sodium.

NVSEO--Nevada State Engineer's Office.

SOURCE or SRCE--the source of a sample: SP, spring; ST, stream; WE, well.

REMARKS--contains information that is explained at the end of that section of the table.

For water-quality samples collected by Ertec Western, pH, temperature, and alkalinity were generally determined in the field at the time of collection. At each site, three 1-liter samples were obtained. One was filtered and acidified with nitric acid, one was filtered and not acidified, and the third was filtered and acidified with sulfuric acid for nitrate determinations. All samples were chilled from the time they were collected until they reached the laboratory.

Other investigators may have used different collection and treatment procedures. The references listed in the water-quality tabulations may give information about sampling methods.

Water levels generally were measured with a steel tape or electrical sounder read to 0.1 foot and referenced to land surface.

Except in the last two tabulations (pages 115-119), the data are presented in the same format as in the original publications. As such, the tabulations do not fully conform with the editorial standards that normally apply to U.S. Geological Survey reports. The two tabulations on pages 115-119 include data and aquifer-test results for wells in valley-fill deposits and carbonate rocks, respectively.

(page 7 follows)

WATER DATA

Antelope Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
19N/51E-33CB	U.S.AIR FORCE	1980	202	2	6180	3/1981	82	6098	OBSERVATION WELL	ERTEC
19N/50E-27DD	U.S.AIR FORCE	1980	160	2	6260	3/1981	58	6202	OBSERVATION WELL	ERTEC
18N/50E-28D1	HOT SPR.RANCH	1949	35	12	6340	6/1964	5	6335		ROBINSON ET AL 67
18N/50E-28D2	HOT SPR.RANCH	1942	40	12	6340	9/1980	F	> 6340	FLOWING WELL	ERTEC 80/NVSEO
18N/51E-10B				6	6230	6/1964	177	6053		ROBINSON ET AL 67
18N/51E-15CCC	BARTHOLOMAE		670		6160	9/1980	F	> 6160	FLOWING WELL	ERTEC 80/NVSEO
18N/51E-22BC	FLORIO	1950	135	6	6230	9/1980	60	6170		ERTEC 80/NVSEO
18N/51E-30BCA		1943			6190	9/1980	F	> 6190	FLOWING WELL	ERTEC 80/NVSEO
18N/51E-30DAB	BARTHOLOMAE	1943	733	13	6190	9/1980	F	> 6190	FLOWING WELL	ERTEC 80/NVSEO
13N/51E-34DCB	ARDAN		134	6	6330	9/1980	94	6236		ERTEC 80/NVSEO
17N/49E- 9DD		1964	315	14	8400	1/1940	40	8360		ROBINSON ET AL 67
17N/50E-25AA	BARTHOLOMAE	1951	60	6	6270	6/1951	16	6254		ROBINSON ET AL 67
17N/50E-27DA	U.S.AIR FORCE	1980	200	2	6420	3/1981	106	6314	OBSERVATION WELL	ERTEC
17N/51E-20DD	U.S.AIR FORCE	1980	200	2	6350	3/1981	95	6255	OBSERVATION WELL	ERTEC
17N/51E-22BB		1951	116	6	6350	9/1980	90	6260		ERTEC 80/NVSEO
17N/51E-27CC	THREE C WELL	1962	272	6	6400	9/1980	155	6245		ERTEC 80/NVSEO
17N/51E-31BD	CERUTTI WELL		18	6	6290	9/1980	16	6274		ERTEC 80/NVSEO
17N/52E- 7CA		1942	351		6570	9/1980	317	6253		ERTEC 80/NVSEO
17N/52E-17BB	ANTELOPE MINE		26	14	6920	7/1949	24	6896		ROBINSON ET AL 67
16N/50E-17DD	LEWIS COOK	1970	255	10	6510	9/1980	169	6341		ERTEC 80/NVSEO
16N/50E-27CA	U.S.AIR FORCE	1980	200	2	6435	3/1981	114	6321	OBSERVATION WELL	ERTEC
16N/50E-29ADC				6	6540	9/1980	206	6334		ERTEC 80/NVSEO
16N/51E- 7DA1	BARTHOLOMAE		30	12	6325	3/1964	28	6297		ROBINSON ET AL 67
16N/51E- 7DA2	BARTHOLOMAE	1963	105	6	6325	9/1980	28	6297		ERTEC 80/NVSEO
15N/50E- 2CC	U.S.AIR FORCE	1980	200	2	6460	3/1981	124	6336	OBSERVATION WELL	ERTEC
15N/50E- 4DA			252	16	6450	9/1980	132	6315	IRRIG. WELL	ERTEC 80/NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	18N/50E-28D1	WE	5-64	HOT SPRING RANCH	22.0	319	9.1	--	--	ND	ND	72
2	18N/50E-28D2 S	SP	5-64	KLOBE SPRING	70.0	315	9.0	--	--	--	--	71
3	18N/51E-10B	WE	9-80		12.0	220	8.2	201	10.0	15	13	29
4	18N/51E-30BCA	WE	9-80		21.0	210	8.0	238	75	17	11	23
5	18N/51E-34DCB	WE	6-64	ARDANS WELL	16.0	355	8.2	--	--	31	15	21
6	17N/49E-34BB	SP	9-80	BALD MT. SPRING	8.0	155	7.6	168	63	11	5.7	11
7	16N/50E-29ADC	WE	6-64		19.0	481	8.7	--	--	53	19	22
8	14N/50E-15AC	SP	9-80		17.0	123	7.5	211	58	21	5.0	17

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1		29	92	7.3	22	--	--	--	--	--	*5	ROBINSON ET AL 67
2		26	94	7.1	22	--	--	--	--	--	*5	ROBINSON ET AL 67
3	4.0	0	159	9.4	16	.6	1.2	--	ND	15	*1	ERTEC 80
4	8.2	0	153	6.2	23	.7	.4	--	12	17	*1	ERTEC 80
5		0	164	13	32	--	--	--	--	--	*5	ROBINSON ET AL 67
6	5.2	0	59	8.9	12	.3	.3	--	22	15	*1	ERTEC 80
7	--	14	212	9.0	48	--	--	--	--	--		ROBINSON ET AL 67
8	4.9	0	114	16	14	.4	.7	--	67	29	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Antelope Valley, Nevada

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
18N/50E-28D S	ST	HOT SPRING WASH	4/1964	100	6340		ROBINSON ET AL 67
18N/50E-28D2 S	SP	KLOBE SPRING	9/1980	5.0	4455		ERTEC 80
17N/49E-14CAD	ST		9/1980	990	7400		ERTEC 80
17N/49E-34BB	SP	BALD MT. SPRING	9/1980	2.0	8020		ERTEC 80
17N/50E-30	ST	ALLISON CR.	4/1964	450	6800		ROBINSON ET AL 67
17N/50E-31	SP	SULLIVAN SPRING	4/1964	0.0	6840	NO FLOW	ROBINSON ET AL 67
16N/50E-25	ST	NINE MILE CK.	5/1964	670	6395		ROBINSON ET AL 67
16N/50E-26	ST	ANTELOPE WASH	5/1964	0.0	6395	NO FLOW	ROBINSON ET AL 67
15N/49E-10DC	SP	RYE GRASS SPR.	9/1980	1.0	7250	DISCHARGE <1GPM	ERTEC 80
15N/49E-24	ST	COPENHAGEN CYN.	5/1964	900	7200		ROBINSON ET AL 67
15N/50E-24AB	SP	WATER CYN. SPR.	9/1980	3.0	7600	DISCHARGE EST.	ERTEC 80
14N/50E-15AC	SP		9/1980	8.0	7280		ERTEC 80

Beryl-Enterprise Area, Utah
(Beryl District)

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-31-12)19CCC1	BLM	1915			5099	10 1962	50.0	5049	USGS 1980	DESTROYED
(C-31-12)19CCC2			35		5099				USGS 1980	DESTROYED
(C-31-12)30CDD1	NADA	1917	80		5138	08 1939	68.0	5070	USGS 1980	DESTROYED
(C-31-12)31CDD2	NADA	1952	113		5138	03 1979	77.0	5061	USGS 1980	
(C-31-13)20DAC	REPUBLIC	1977	490	1	5085				USGS 1980	
(C-31-13)21ABB	BLM		23		5074	11 1935	22.0	5052	USGS 1980	DESTROYED
(C-31-13)22DCB	HENDERSON	1915	37	48	5089	11 1935	35.0	5054	USGS 1980	DESTROYED
(C-31-13)23BBB	NADA	1950	65	6	5081	03 1978	30.0	5051	USGS 1980	
(C-31-13)27BCD1	COUCH	1918	252		5095	10 1945	31.0	5064	USGS 1980	DESTROYED
(C-31-13)27BCD2	COUCH		43		5096				USGS 1980	DESTROYED
(C-31-13)31BCB	BLM	1978	85	6	5107	03 1979	48.0	5059	USGS 1980	
(C-31-13)31CDC		1976	30	2	5088	09 1978	29.0	5059	USGS 1980	
(C-31-13)33CCC	EVANS	1918	43	48	5094	03 1978	35.0	5059	USGS 1980	DESTROYED
(C-31-14)24BDD1	MINOR	1930	125		5214				USGS 1980	DESTROYED
(C-31-14)24BDD2	MINOR	1942	207	5	5214	03 1978	158.0	5056	USGS 1980	
(C-31-14)25DCB	MINOR	1918	110		5147				USGS 1980	DESTROYED
(C-31-14)28CDD	WOOD	1927	157	6	5198	10 1978	139.0	5059	USGS 1980	
(C-32-12) 6CBB	LOWE	1922	69	60	5127	03 1977	61.0	5066	USGS 1980	
(C-32-12)31DAB	SCHOPPMANN				5177	05 1962	100.0	5077	USGS 1980	
(C-32-12)34ADB	BLM		175		5232				USGS 1980	
(C-32-12)34DDA	ADAMS	1895	144	16	5227	03 1943	11.0	5216	USGS 1980	DESTROYED
(C-32-12)35CCA	MOOSCHEKIAN	1914	60	12	5240				USGS 1980	DESTROYED
(C-32-13) 4ABA				36	5096	12 1948	37.0	5059	USGS 1980	DESTROYED
(C-32-13) 6BAA	HINZ			48	5088	03 1943	14.0	5074	USGS 1980	DESTROYED
(C-32-13) 7DCC		1925	60	8	5094	04 1940	55.0	5039	USGS 1980	DESTROYED
(C-32-13) 9AAC	WILSON	1963	308	17	5106	10 1978	42.0	5064	USGS 1980	
(C-32-13) 9ABD	WILSON	1977	100	4	5105	10 1978	41.0	5064	USGS 1980	
(C-32-13) 9ACA	WILSON	1977	107	2	5105	10 1978	41.0	5064	USGS 1980	
(C-32-13) 9ACD	WILSON	1900	55		5107				USGS 1980	DESTROYED
(C-32-13) 9BDD1	WILSON	1916	340	12	5105	04 1978	38.0	5067	USGS 1980	
(C-32-13) 9BDD2	WILSON	1920	50	42	5106	10 1978	41.0	5065	USGS 1980	
(C-32-13) 9BDD3	WILSON	1963	300	17	5105	10 1978	40.0	5065	USGS 1980	
(C-32-13) 9DDD1	WILSON	1963			5111				USGS 1980	DESTROYED
(C-32-13)10DDC	NADA	1953	60	60	5119				USGS 1980	DESTROYED
(C-32-13)14AAD	BLM		132	6	5130	07 1976	63.0	5067	USGS 1980	
(C-32-13)27BDD	BULLOCH	1968	171	6	5138	08 1976	63.0	5075	USGS 1980	
(C-32-13)30CCC	BLM	1976	42	2	5109	03 1979	35.0	5074	USGS 1980	
(C-32-13)30DAA	NELSON	1944	100	6	5112	11 1961	39.0	5073	USGS 1980	
(C-32-14)10CCD	CLICK	1900	33	48	5087	04 1944	25.0	5062	USGS 1980	DESTROYED
(C-32-14)10DCC1	BLM	1939	11	2	5077	12 1942	10.0	5067	USGS 1980	DESTROYED
(C-32-14)10DCC2	IRON	1976	13	2	5077	09 1978	11.0	5066	USGS 1980	
(C-32-14)13AAC	NELSON	1944	120	6	5095				USGS 1980	
(C-32-14)19ADB1	WOOD	1976	10	2	5082	09 1978	8.0	5074	USGS 1980	
(C-32-14)19ADB2	WOOD	1976	13	2	5086	09 1978	11.0	5075	USGS 1980	
(C-32-14)19BDD	ZIESMAN	1900	44	60	5130	04 1940	44.0	5086	USGS 1980	DESTROYED
(C-32-14)19DAB	WOOD	1976	15	2	5091	09 1978	14.0	5077	USGS 1980	
(C-32-14)21BAD	UNION PACIFIC	1925	764	8	5084				USGS 1980	
(C-32-14)21BCD	UNION PACIFIC	1903	585	12	5082	11 1975	7.0	5075	USGS 1980	
(C-32-14)28BBB	SECUR. TITLE	1900	35	12	5083	10 1979	4.0	5079	USGS 1980	
(C-32-14)30BAB	WOOD	1915	34		5119	03 1977	35.0	5084	USGS 1980	
(C-32-14)31CCA	SECUR. TITLE	1920			5121				USGS 1980	DESTROYED
(C-32-14)32ADD1	SECUR. TITLE	1939	13	2	5089	08 1942	13.0	5076	USGS 1980	DESTROYED
(C-32-14)32ADD2	SECUR. TITLE		20	48	5089	03 1979	14.0	5075	USGS 1980	
(C-32-16)26ABB1	WOOD	1915	100		5522	10 1945	55.0	5467	USGS 1980	DESTROYED
(C-32-16)26ABB2	WOOD	1953	77	6	5520	09 1976	46.0	5474	USGS 1980	
(C-32-16)27ABB1	REBER		48		5670	03 1977	27.0	5643	USGS 1980	
(C-32-16)27ABB2	REBER	1947	84	6	5670	08 1947	28.0	5642	USGS 1980	
(C-32-16)27ABB3	REBER	1977	165	6	5670	09 1978	32.0	5638	USGS 1980	
(C-32-16)27ABC	REBER		46		5667	08 1976	46.0	5621	USGS 1980	
(C-32-16)28DBA	MATHESON	1915		48	5675	03 1977	12.0	5663	USGS 1980	
(C-32-16)33CBA	REBER	1968	34	8	5570	03 1978	7.0	5563	USGS 1980	
(C-33-12) 4BAA	MURIE	1927			5204	11 1961	86.0	5118	USGS 1980	
(C-33-12)11AAA1	BLM	1923	60	4	5282	04 1940	34.0	5248	USGS 1980	DESTROYED
(C-33-12)11AAA2	BLM		90		5282	03 1977	37.0	5245	USGS 1980	
(C-33-12)14DCA	MILNE	1900	65	48	5297	05 1940	44.0	5253	USGS 1980	DESTROYED
(C-33-12)14DDB	MILNE	1963	136	6	5296	03 1977	49.0	5247	USGS 1980	
(C-33-12)17ABD	MURIE	1925	226	3	5247	03 1977	113.0	5134	USGS 1980	
(C-33-12)18BDA	PERKINS	1925		4	5204	03 1977	86.0	5118	USGS 1980	
(C-33-12)20CCC	BLM	1900		3	5223				USGS 1980	DESTROYED
(C-33-12)21AAD	MURIE	1967	252	6	5328	03 1977	93.0	5235	USGS 1980	
(C-33-12)21BBB	BLM	1918	136	3	5288	03 1977	126.0	5162	USGS 1980	
(C-33-12)29AOB	NELSON	1915		4	5299	03 1979	126.0	5173	USGS 1980	
(C-33-12)30CDD		1919		3	5213				USGS 1980	
(C-33-13) 3CAA1	SCHOPPMANN	1941	168	6	5147	03 1979	66.0	5081	USGS 1980	DESTROYED
(C-33-13) 3CAA2	SCHOPPMANN	1918	168	6	5147	07 1976	66.0	5081	USGS 1980	
(C-33-13)17CCC1	BLM		63	6	5147				USGS 1980	
(C-33-13)26BAB	LEIGH			6	5175				USGS 1980	
(C-33-13)31ABD	UNION PACIFIC	1923	93	6	5167	10 1941	37.0	5130	USGS 1980	
(C-33-14) 4CCC1	UTAH	1949	11	2	5094	09 1949	10.0	5084	USGS 1980	DESTROYED
(C-33-14) 4CCC2	UTAH	1976	15	2	5094	04 1978	13.0	5081	USGS 1980	
(C-33-14) 6ACB2	SECUR. TITLE	1900			5108				USGS 1980	
(C-33-14) 6ACB3	SECUR. TITLE	1976			5109	10 1979	20.0	5089	USGS 1980	
(C-33-14) 8CCC1	SECUR. TITLE	1973	155	8	5090	03 1977	19.0	5071	USGS 1980	
(C-33-14) 8CCC2	BLM	1939	10	2	5093	09 1949	9.0	5084	USGS 1980	DESTROYED
(C-33-14)19DBD	BLM	1935	140	6	5118	09 1949	31.0	5087	USGS 1980	DESTROYED
(C-33-14)17DBA	BLM	1976	21	2	5098	09 1978	16.0	5082	USGS 1980	

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(C-33-14)17DDD1	BLM	1949			5110	09 1978	21.0	5089	USGS 1980	
(C-33-14)17DDD2	BLM	1976	27	2	5108				USGS 1980	—
(C-33-14)19ADB	BLM	1939	7	2	5095	10 1939	6.0	5089	USGS 1980	DESTROYED
(C-33-14)20CCB	JONES			6	5102	10 1977	10.0	5092	USGS 1980	
(C-33-14)21DDA	JONES	1976	42	2	5123				USGS 1980	
(C-33-14)22BCC	JONES				5121				USGS 1980	DESTROYED
(C-33-14)36DDB	JONES	1924	140	6	5166	10 1978	70.0	5096	USGS 1980	
(C-33-14)8CCC2	BLM	1976	13	2	5093	09 1978	9.0	5084	USGS 1980	
(C-33-15) 1AAA	SHURE	1900		36	5127				USGS 1980	DESTROYED
(C-33-15) 1DAA		1900		42	5118				USGS 1980	DESTROYED
(C-33-15) 3DAA	SOHNIUS	1900	75		5183	11 1941	74.0	5109	USGS 1980	DESTROYED
(C-33-15) 8BCD	WOOD	1915	180	48	5316				USGS 1980	DESTROYED
(C-33-15) 8DDD1	WOOD	1953	196	6	5282	03 1978	170.0	5112	USGS 1980	
(C-33-15) 8DDD2	WOOD	1977	200	8	5282	03 1978	173.0	5109	USGS 1980	
(C-33-15) 7CCC1	LDS	1917	129	4	5241				USGS 1980	DESTROYED
(C-33-15) 7CCC2	LDS	1953	200	8	5241	07 1976	127.0	5114	USGS 1980	
(C-33-15) 8CAA	LDS	1975	200	6	5246	03 1978	135.0	5111	USGS 1980	
(C-33-15)10CAC	BURNS	1920	51	20	5173	06 1937	51.0	5122	USGS 1980	DESTROYED
(C-33-15)11BBC	BURNS	1915	99	42	5154	06 1937	99.0	5093	USGS 1980	DESTROYED
(C-33-15)12AAA	BLM	1939		2	5111	03 1976	14.0	5097	USGS 1980	
(C-33-15)12DDD1	STEELE	1949	15		5112	09 1949	12.0	5100	USGS 1980	DESTROYED
(C-33-15)12DDD2	STEELE	1976	15	2	5112	09 1978	13.0	5099	USGS 1980	
(C-33-15)13CBB	DOROGI	1918	16	12	5106	04 1939	13.0	5093	USGS 1980	DESTROYED
(C-33-15)13CCB	DOROGI	1976	13	2	5103	09 1976	11.0	5092	USGS 1980	
(C-33-15)14AAA1	WESTMAN	1900			5112				USGS 1980	DESTROYED
(C-33-15)14AAA2	WESTMAN	1900			5112				USGS 1980	DESTROYED
(C-33-15)15BDB	BURNS	1922	34	42	5137				USGS 1980	DESTROYED
(C-33-15)17ACC	LDS	1917	89	48	5202				USGS 1980	DESTROYED
(C-33-15)17CCC	BURNS	1915	84	48	5190				USGS 1980	DESTROYED
(C-33-15)18CCC	LDS	1917			5207				USGS 1980	DESTROYED
(C-33-15)18CCD	UNION PACIFIC	1928	150		5203				USGS 1980	
(C-33-15)18DDD	LDS	1917	80	36	5189				USGS 1980	DESTROYED
(C-33-15)19BBA1	MAGUIRE	1921	87	48	5201	06 1937	86.0	5115	USGS 1980	DESTROYED
(C-33-15)19BBA2	MAGUIRE	1948	141	8	5200	03 1978	87.0	5113	USGS 1980	
(C-33-15)19BCC	MAGUIRE	1900	77	42	5189	03 1950	73.0	5116	USGS 1980	DESTROYED
(C-33-15)19CBB	PREY	1915	70		5184				USGS 1980	DESTROYED
(C-33-15)20CBB	BLM	1900	11	12	5169				USGS 1980	DESTROYED
(C-33-15)21BBB	BLM	1919	40	48	5131				USGS 1980	DESTROYED
(C-33-15)25BBB	BLM	1920	18	2	5101	10 1951	8.0	5093	USGS 1980	DESTROYED
(C-33-15)27CDA	BLM	1900	100	12	5116	12 1943	17.0	5099	USGS 1980	DESTROYED
(C-33-15)29CBB	CLAYTON	1900	20		5135				USGS 1980	DESTROYED
(C-33-15)31ABC	PAUL	1900	31		5132	05 1937	23.0	5109	USGS 1980	DESTROYED
(C-33-15)31BCC1	PAUL	1946	253	12	5134	10 1979	32.0	5102	USGS 1980	
(C-33-15)31BCC2	PAUL	1900		6	5134				USGS 1980	
(C-33-15)31CBB1	FOSTER	1900	33	8	5133	10 1968	28.0	5105	USGS 1980	DESTROYED
(C-33-15)31CBB2	FOSTER	1900	26		5133				USGS 1980	DESTROYED
(C-33-15)33DCB2	LDS	1900	7		5112				USGS 1980	DESTROYED
(C-33-15)34DDD	BLM	1939	10	2	5105	05 1939	8.0	5097	USGS 1980	DESTROYED
(C-33-15)35BBB	REED	1919	40		5105				USGS 1980	DESTROYED
(C-33-15)36CCC1	BLM	1939	9	2	5104	05 1939	0.0		USGS 1980	DESTROYED
(C-33-15)36CCC2	BLM	1976	14	2	5104	09 1978	9.0	5095	USGS 1980	
(C-33-16) 7CDC	WOOD	1900	198	5	5314				USGS 1980	
(C-33-16) 8DCC1	PAGE	1948		6	5275	10 1977	145.0	5130	USGS 1980	
(C-33-16) 8DCC2	PAGE	1957	242	7	5275	06 1957	120.0	5155	USGS 1980	
(C-33-16)10CCC1	CAL HOME	1918	125	3	5227	10 1962	94.0	5133	USGS 1980	DESTROYED
(C-33-16)10CCC2	CAL HOME	1937	122	6	5227	03 1977	92.0	5135	USGS 1980	
(C-33-16)10CCC3	CAL HOME	1976	208	8	5227	10 1977	96.0	5131	USGS 1980	
(C-33-16)11BAC	WOOD	1915	120	4	5213				USGS 1980	DESTROYED
(C-33-16)11CDC	WOOD	1915	119	6	5214	05 1937	92.0	5122	USGS 1980	
(C-33-16)12CCD	LDS	1928		42	5199				USGS 1980	DESTROYED
(C-33-16)13DDD	LDS	1900	91	48	5203	06 1937	87.0	5116	USGS 1980	DESTROYED
(C-33-16)14DCB	WOOD	1952	200	16	5202	09 1976	88.0	5114	USGS 1980	
(C-33-16)14DDD	WOOD	1918	100		5198				USGS 1980	DESTROYED
(C-33-16)15ABB	PAGE	1916	85		5214				USGS 1980	DESTROYED
(C-33-16)17CBB	MACKELPRANG	1918		36	5260	07 1979	122.0	5138	USGS 1980	DESTROYED
(C-33-16)19DDD	MACKELPRANG	1900	68	60	5201	11 1935	66.0	5135	USGS 1980	DESTROYED
(C-33-16)22DCD1	BURNS	1927	58	36	5163	03 1977	44.0	5119	USGS 1980	
(C-33-16)22DCD2	BURNS	1915			5163				USGS 1980	DESTROYED
(C-33-16)22DDA	BURNS	1932	86	48	5168	07 1979	47.0	5121	USGS 1980	DESTROYED
(C-33-16)23AAB	WOOD	1948		4	5195	10 1978	87.0	5108	USGS 1980	
(C-33-16)23BAA	WOOD	1947	287	14	5193	09 1976	80.0	5113	USGS 1980	
(C-33-16)23BBA	WOOD	1900		6	5186	07 1976	70.0	5116	USGS 1980	
(C-33-16)24CCA1	BURNS	1954	700	14	5174	11 1954	15.0	5159	USGS 1980	
(C-33-16)24CCA2	BURNS	1963	200	14	5174	09 1963	62.0	5112	USGS 1980	
(C-33-16)24DAA	MARKWITH	1914	60	60	5185				USGS 1980	DESTROYED
(C-33-16)25AAA	THOMAS	1917	62	48	5172				USGS 1980	DESTROYED
(C-33-16)25BBA	BURNS	1900	82	6	5170	05 1937	55.0	5115	USGS 1980	
(C-33-16)26ABA1	TUCKER	1916	64	6	5168				USGS 1980	
(C-33-16)26ABA2	TUCKER	1975	154	4	5168	05 1975	54.0	5114	USGS 1980	
(C-33-16)29BCB	MACKELPRANG	1933	96	18	5185	10 1941	49.0	5136	USGS 1980	
(C-33-16)29CDB	ANZALONE	1900		12	5161	06 1937	27.0	5134	USGS 1980	DESTROYED
(C-33-16)29COD	ANZALONE				5151	03 1978	24.0	5127	USGS 1980	DESTROYED
(C-33-16)29DDD	SAYLIN	1922	80	48	5144				USGS 1980	DESTROYED
(C-33-16)30AAC	MACKELPRANG	1949	150	14	5200	03 1979	66.0	5134	USGS 1980	

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(C-33-16)32ADA	MACKELPRANG	1900	40	48	5186				USGS 1980	DESTROYED
(C-33-16)36DAB	LARSEN	1952	106	12	5181	07 1953	46.0	5135	USGS 1980	
(C-33-16)32ABA	UNION PACIFIC	1905	172	13	5147	09 1935	16.0	5131	USGS 1980	
(C-33-16)32BBB	WHALEY	1973	180	6	5162	09 1973	16.0	5146	USGS 1980	
(C-33-16)35BAD	SMITH	1900			5147				USGS 1980	DESTROYED
(C-33-16)36BBA	SO UTAH LAND	1900			5146				USGS 1980	DESTROYED
(C-33-16)36DBA	WHIPPLE	1975	181	6	5132	01 1975	31.0	5101	USGS 1980	
(C-33-17)13DCC	LARSEN	1916	185	8	5301	04 1962	165.0	5136	USGS 1980	
(C-33-17)20CBB	HART	1951	230	8	5355	08 1976	185.0	5170	USGS 1980	
(C-33-17)24DDA	MACKELPRANG	1925		42	5233				USGS 1980	DESTROYED
(C-33-17)25ADD1	LARSEN	1924	112	8	5195	03 1977	62.0	5133	USGS 1980	
(C-33-17)25ADD2	LARSEN	1951	138	14	5198	11 1951	62.0	5136	USGS 1980	
(C-33-17)25ADD3	LARSEN	1967	150	8	5195	10 1967	60.0	5135	USGS 1980	
(C-33-17)26DCD	HART	1915	86	7	5208	08 1976	76.0	5132	USGS 1980	
(C-33-17)27CDD	HART	1915	123	10	5245				USGS 1980	DESTROYED
(C-33-17)29DCB	HART	1915	150	8	5249	09 1935	108.0	5141	USGS 1980	DESTROYED
(C-33-17)31BAA	HART	1900	110		5300	05 1937	108.0	5192	USGS 1980	
(C-33-17)31CCC	THORLEY	1918	150	0	5245				USGS 1980	DESTROYED
(C-33-17)32BBB	THORLEY	1900		6	5235				USGS 1980	DESTROYED
(C-33-17)34ABB	HART	1918	71		5223				USGS 1980	DESTROYED
(C-33-17)34BAA	BLM	1900	53		5223				USGS 1980	DESTROYED
(C-33-17)35DDC	LARSEN	1900	20		5180				USGS 1980	DESTROYED
(C-33-18)35CDD	BLM		240	6	5370	03 1978	230.0	5140	USGS 1980	
(C-34-12)23AD2	MC CULLOCH	1976			5127				USGS 1980	GEOTHERMAL
(C-34-13) 1DD	LEIGH	1956	309	6	5235	06 1956	98.0	5137	USGS 1980	
(C-34-13) 3CBD	LEIGH	1946	126	6	5209	07 1976	85.0	5124	USGS 1980	
(C-34-13) 8ABD1		1977	242	8	5211	03 1977	81.0	5130	USGS 1980	
(C-34-13) 8ABD2		1977	107	2	5208	08 1977	78.0	5130	USGS 1980	
(C-34-13) 7CCA1	MC CULLOCH	1977	3857		5212				USGS 1980	GEOTHERMAL
(C-34-13) 8CCA2		1977	101	2	5210	07 1977	81.0	5129	USGS 1980	
(C-34-13)12DCA	LEIGH	1967	160	6	5238				USGS 1980	
(C-34-13)16CCC	SCHOPPMANN	1955	172	6	5228	07 1976	99.0	5129	USGS 1980	
(C-34-13)23ABD	LEIGH	1942			5236	07 1976	116.0	5140	USGS 1980	
(C-34-14) 2CBD	JONES	1977	149	6	5167	05 1977	58.0	5109	USGS 1980	
(C-34-14) 3BCB	JONES	1976	14	2	5101	09 1976	12.0	5089	USGS 1980	
(C-34-14) 5DBD	JONES	1976	10	2	5173				USGS 1980	
(C-34-14)24AAC1	JONES	1925	360	4	5202				USGS 1980	
(C-34-14)24AAC2	JONES	1976	300	6	5202	03 1977	85.0	5117	USGS 1980	
(C-34-14)29ACB	UTAH	1976	39	2	5141	11 1976	33.0	5108	USGS 1980	
(C-34-14)31CCA	LAVASDER	1971	233	8	5128	03 1972	20.0	5108	USGS 1980	
(C-34-14)31CCC1	IRON COUNTY	1939	20	2	5127	10 1939	14.0	5113	USGS 1980	DESTROYED
(C-34-14)31CCC2	IRON COUNTY	1976	28	2	5127	10 1979	25.0	5102	USGS 1980	
(C-34-15) 1ABB	UTAH	1976	11	2	5100	09 1976	5.0	5095	USGS 1980	
(C-34-15) 1ADA1	JONES	1888	110	2	5102	09 1935	3.0	5099	USGS 1980	DESTROYED
(C-34-15) 1ADA2	JONES	1939	6	2	5102	12 1942	3.0	5099	USGS 1980	DESTROYED
(C-34-15) 1ADA3	JONES	1970	150	8	5101	07 1976	3.0	5098	USGS 1980	
(C-34-15) 1BAC	JONES	1977	20	2	5102	06 1977	7.0	5095	USGS 1980	
(C-34-15) 1BAD1	JONES	1970	250	16	5103	10 1978	6.0	5097	USGS 1980	
(C-34-15) 1BAD2	JONES	1977	20	2	5102	06 1977	6.0	5096	USGS 1980	
(C-34-15) 6CBB2	GALIS	1900	11		5118	03 1943	3.0	5115	USGS 1980	DESTROYED
(C-34-15) 6CCC1	BRAMMAN	1900			5118				USGS 1980	DESTROYED
(C-34-15) 6CCC2	BRAMMAN	1949	10		5117	07 1949	9.0	5108	USGS 1980	DESTROYED
(C-34-15)10DDD1	BLM	1900	11	42	5113	04 1939	11.0	5102	USGS 1980	DESTROYED
(C-34-15)10DDD2	BLM	1976	20	2	5113	09 1978	17.0	5096	USGS 1980	
(C-34-15)11BBB	MC GARRY	1949	14		5109	07 1949	10.0	5099	USGS 1980	DESTROYED
(C-34-15)11DBA	FAYNE	1912	25	36	5111				USGS 1980	DESTROYED
(C-34-15)16CCC1	MC GARRY	1939			5117	09 1978	17.0	5100	USGS 1980	
(C-34-15)16CCC2	MC GARRY	1939	16	2	5117	06 1950	6.0	5111	USGS 1980	DESTROYED
(C-34-15)17BBB	BLM	1900	8	48	5117	04 1939	8.0	5109	USGS 1980	DESTROYED
(C-34-15)17CCB	FERRY	1924	7		5120				USGS 1980	DESTROYED
(C-34-15)18CCC1	MC GARRY	1949	9		5122	07 1949	7.0	5115	USGS 1980	DESTROYED
(C-34-15)18CCC2	MC GARRY	1976	24	2	5123	09 1978	22.0	5101	USGS 1980	
(C-34-15)18DDD	MC GARRY	1914	8		5118				USGS 1980	DESTROYED
(C-34-15)23BCC	BLM	1949	10		5118	07 1949	7.0	5111	USGS 1980	DESTROYED
(C-34-15)24AAD	SOHNIUS	1925			5125				USGS 1980	DESTROYED
(C-34-15)24DBA	JONES	1944	165	6	5124	08 1976	21.0	5103	USGS 1980	
(C-34-15)27DAA1	UTAH	1900		8	5124				USGS 1980	DESTROYED
(C-34-15)27DAA2	UTAH	1939	12		5124	12 1949	10.0	5114	USGS 1980	DESTROYED
(C-34-15)29CCC1	UTAH	1949	9		5125	09 1949	6.0	5119	USGS 1980	DESTROYED
(C-34-15)29CCC2	UTAH	1976	26	2	5125	10 1977	24.0	5101	USGS 1980	
(C-34-15)30BBB	HEINE	1949	7		5128				USGS 1980	DESTROYED
(C-34-15)31BBB	BILLINGS	1939	8		5130	05 1942	7.0	5123	USGS 1980	DESTROYED
(C-34-15)35AAA	L. A. COUNTY	1900		2	5127				USGS 1980	DESTROYED
(C-34-16) 1BBB	RUBINA	1917	20		5128				USGS 1980	DESTROYED
(C-34-16) 1DAA	BLM	1900			5119				USGS 1980	DESTROYED
(C-34-16) 2CBB	BURNS	1946	65	12	5128	03 1979	27.0	5101	USGS 1980	
(C-34-16) 7AAB	HELLYER	1900	24	6	5141	03 1977	19.0	5122	USGS 1980	
(C-34-16) 7CCC	SCHOW	1924	30	12	5143				USGS 1980	DESTROYED
(C-34-16) 7CCD	SCHOW	1921	65	12	5143	05 1937	11.0	5132	USGS 1980	DESTROYED
(C-34-16) 8ADD	LACY	1929	10	8	5133				USGS 1980	DESTROYED
(C-34-16) 9BCC	FINAFRICK	1900	34	8	5134	12 1942	11.0	5123	USGS 1980	DESTROYED
(C-34-16) 9CBC1	KOCH	1900	18	10	5132	03 1962	11.0	5121	USGS 1980	DESTROYED
(C-34-16) 9CBC2	KOCH	1977	20	2	5132	03 1978	17.0	5115	USGS 1980	
(C-34-16)10BAB	CROSBLEY	1900	11	36	5128	12 1950	10.0	5118	USGS 1980	DESTROYED

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above msl)	DATE OF MEASUREMENT (mo. yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above msl)	REFERENCES	REMARKS
(C-34-16)1CDDD	BYCO	1949	7		5123	09 1949	6.0	5117	USGS 1980	DESTROYED
(C-34-16)13BC	PAROLINI	1950	8		5122	09 1950	6.0	5116	USGS 1980	DESTROYED
(C-34-16)13CCC	ANASTASIA	1900	16	8	5128	12 1953	5.0	5123	USGS 1980	DESTROYED
(C-34-16)16CCC	MC NELLIS	1900			5131				USGS 1980	DESTROYED
(C-34-16)17ACC	ZELLER	1965	192	14	5133	06 1977	25.0	5108	USGS 1980	
(C-34-16)17ACD1	ZELLER	1914	20	10	5129	05 1937	5.0	5124	USGS 1980	
(C-34-16)17ACD2	ZELLER	1948		6	5129				USGS 1980	DESTROYED
(C-34-16)17ADC	ZELLER	1925	71	12	5132	10 1941	8.0	5124	USGS 1980	DESTROYED
(C-34-16)17BBB	ZELLER	1900		14	5138	06 1977	21.0	5117	USGS 1980	
(C-34-16)17BBC	ZELLER	1900		16	5138	06 1977	23.0	5115	USGS 1980	
(C-34-16)17CDA	SAYLIN	1969	193	10	5133	06 1977	26.0	5107	USGS 1980	
(C-34-16)17DCC	SAYLIN	1925	112	12	5131	03 1978	26.0	5105	USGS 1980	
(C-34-16)18AAC	SCOPES	1927		12	5138	09 1949	10.0	5128	USGS 1980	DESTROYED
(C-34-16)18BCC	SEWALL	1928	136	12	5141	12 1950	11.0	5130	USGS 1980	DESTROYED
(C-34-16)18CDB		1977	85	2	5137	07 1977	23.0	5114	USGS 1980	
(C-34-16)18CDC1	MC CULLOCH	1976	8073	7	5137	08 1976	160.0	4977	USGS 1980	
(C-34-16)18CDC2	MC CULLOCH	1976	230	8	5136	03 1979	29.0	5107	USGS 1980	
(C-34-16)18CDC3	MC CULLOCH	1977	85	2	5137	08 1977	24.0	5113	USGS 1980	
(C-34-16)19AAC	VOGT	1923		48	5135	09 1949	9.0	5126	USGS 1980	DESTROYED
(C-34-16)19BBC	MC BRIDE	1920	36	12	5140				USGS 1980	DESTROYED
(C-34-16)20AAA	LACY	1920	27		5132				USGS 1980	DESTROYED
(C-34-16)20CDD	SAYLIN	1900			5134				USGS 1980	DESTROYED
(C-34-16)20DCC	BLM	1928	110	12	5135	05 1937	6.0	5129	USGS 1980	DESTROYED
(C-34-16)21DCC		1926	26	1	5133	03 1961	16.0	5117	USGS 1980	DESTROYED
(C-34-16)22BAA1		1977	30	1	5127	08 1977	25.0	5102	USGS 1980	
(C-34-16)22BAA2		1977	85	2	5127	07 1977	25.0	5102	USGS 1980	
(C-34-16)22BAC		1977	85	2	5127	07 1977	25.0	5102	USGS 1980	
(C-34-16)22BAD1	MC CULLOCH	1976			5127	08 1976	26.0	5101	USGS 1980	
(C-34-16)23AAA	DEWEY	1949	8	2	5124	03 1950	5.0	5119	USGS 1980	DESTROYED
(C-34-16)26CCC	SAYLIN	1900	69	12	5135	09 1949	11.0	5124	USGS 1980	DESTROYED
(C-34-16)27BCC	SAYLIN	1900	88	12	5135	12 1950	11.0	5124	USGS 1980	DESTROYED
(C-34-16)27CCC	SAYLIN	1926	93	12	5135	05 1941	5.0	5130	USGS 1980	DESTROYED
(C-34-16)28ACB	HORSLEY	1933	24	9	5134				USGS 1980	DESTROYED
(C-34-16)28ACC2	HORSLEY		120	12	5135				USGS 1980	
(C-34-16)28ACC3	HORSLEY	1931	38	8	5134	12 1942	10.0	5124	USGS 1980	DESTROYED
(C-34-16)28BCC2	REBER	1926	67	12	5135	03 1955	14.0	5121	USGS 1980	DESTROYED
(C-34-16)28BCC3	REBER	1950	120	16	5136	03 1979	34.0	5102	USGS 1980	
(C-34-16)28BCC4	REBER	1969	225	16	5136	08 1969	18.0	5118	USGS 1980	
(C-34-16)28CCC2	REBER	1923	78	12	5137	12 1942	11.0	5126	USGS 1980	DESTROYED
(C-34-16)28CCC3	REBER	1961	248	16	5137	06 1961	28.0	5109	USGS 1980	
(C-34-16)28DCC1	REBER	1922	63	12	5137	12 1942	10.0	5127	USGS 1980	DESTROYED
(C-34-16)28DCC2	REBER	1922	148	16	5136					
(C-34-16)28DCC3	REBER	1939	96	6	5136	04 1939	21.0	5115	USGS 1980	
(C-34-16)29AAA	ESSCO	1900		1	5133				USGS 1980	DESTROYED
(C-34-16)29CCC	TAYLOR	1948	203	16	5140	03 1979	38.0	5102	USGS 1980	
(C-34-16)29CDC	TAYLOR	1945			5138	03 1977	38.0	5100	USGS 1980	
(C-34-16)30AAD	SHELLEY	1924		8	5137	05 1937	7.0	5130	USGS 1980	DESTROYED
(C-34-16)30ADB	SHELLEY	1919	100	12	5138	10 1945	9.0	5129	USGS 1980	DESTROYED
(C-34-16)30ADC	SHELLEY	1924	100	12	5139	09 1949	9.0	5130	USGS 1980	DESTROYED
(C-34-16)30BBB	SHELLEY	1965	110	6	5142	11 1965	23.0	5119	USGS 1980	
(C-34-16)30CCC	SHELLEY	1952		10	5146	03 1978	36.0	5110	USGS 1980	
(C-34-16)30DCC1	SHELLEY	1946	280	12	5143	10 1952	14.0	5129	USGS 1980	
(C-34-16)30DDC2	SHELLEY	1919	100	12	5141	12 1949	9.0	5132	USGS 1980	DESTROYED
(C-34-16)30DDC3	SHELLEY	1924	100	12	5141				USGS 1980	DESTROYED
(C-34-16)30DDC4	SHELLEY	1951	242	14	5141	06 1951	16.0	5125	USGS 1980	
(C-34-16)31ABB	THOMAS	1974	174	8	5142	05 1974	38.0	5104	USGS 1980	
(C-34-16)31ACC	THOMAS	1927	120	12	5144	05 1937	11.0	5133	USGS 1980	DESTROYED
(C-34-16)31BAB1	CURLEY	1976	213	8	5144				USGS 1980	DESTROYED
(C-34-16)31BAB2	HENYON	1978	200	8	5143	06 1978	48.0	5095	USGS 1980	
(C-34-16)31BCB	THOMAS	1974	194	8	5147				USGS 1980	
(C-34-16)31BCC2	THOMAS	1920	34	12	5149	12 1953	20.0	5129	USGS 1980	DESTROYED
(C-34-16)31BCC3	THOMAS	1925	144	12	5149	12 1945	15.0	5134	USGS 1980	DESTROYED
(C-34-16)31BCC4	THOMAS	1948	133	12	5150	03 1950	15.0	5135	USGS 1980	DESTROYED
(C-34-16)31BDB	THOMAS	1971	190	8	5146	06 1971	38.0	5108	USGS 1980	
(C-34-16)31CCC	HUNT	1944	160	12	5150	03 1978	45.0	5105	USGS 1980	
(C-34-16)31CCD	HUNT	1966	650	8	5149	04 1977	46.0	5103	USGS 1980	
(C-34-16)31CDC	HUNT	1951	212		5149	04 1955	25.0	5124	USGS 1980	
(C-34-16)31DCC1	WILLIAMS	1946	248	12	5147	03 1977	44.0	5103	USGS 1980	
(C-34-16)31DCC2	WILLIAMS	1900			5147				USGS 1980	DESTROYED
(C-34-16)32ABD1	THOMAS	1974	161	8	5139	03 1974	36.0	5103	USGS 1980	
(C-34-16)32ABD2	SMOOT	1978	200	8	5139	06 1978	47.0	5092	USGS 1980	
(C-34-16)32ADC	THOMAS	1975	200	6	5141				USGS 1980	
(C-34-16)32BBB	THOMAS	1976	234	8	5139	01 1976	40.0	5099	USGS 1980	
(C-34-16)32BCC	THOMAS				5142	03 1977	41.0	5101	USGS 1980	
(C-34-16)32CBB	THOMAS	1960	186	6	5142	07 1960	43.0	5099	USGS 1980	
(C-34-16)32CCC	THOMAS				5144	03 1977	45.0	5099	USGS 1980	
(C-34-16)32CDC	THOMAS	1954	228	16	5144	03 1978	46.0	5098	USGS 1980	
(C-34-16)32DAB	THOMAS	1960	103	16	5141				USGS 1980	
(C-34-16)32DCD	THOMAS	1939	223	16	5143	03 1978	46.0	5097	USGS 1980	
(C-34-16)32DDA	THOMAS	1974	145	8	5142	07 1974	56.0	5086	USGS 1980	
(C-34-16)33CDC	BLM	1900	37	6	5142	03 1970	33.0	5109	USGS 1980	DESTROYED
(C-34-16)33CDD	BLM	1900	79		5141	12 1942	13.0	5128	USGS 1980	DESTROYED
(C-34-16)34BCC	MORSE	1900	37	12	5138	12 1950	13.0	5125	USGS 1980	DESTROYED
(C-34-16)34BDC	UNIVERSAL	1900	82	12	5137	05 1937	9.0	5128	USGS 1980	DESTROYED
(C-34-17) 1AAA	MC GARRY	1918	28	48	5139	05 1937	25.0	5134	USGS 1980	DESTROYED

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(C-34-17) 1AAB	MC GARRY	1919			5139				USGS 1980	DESTROYED
(C-34-17) 1ABA	MC GARRY	1922	100	12	5163	06 1977	33.0	5130	USGS 1980	—
(C-34-17) 1DAB	LOLL	1926	98	12	5156	03 1950	21.0	5135	USGS 1980	DESTROYED
(C-34-17) 5CCB1	HOLT	1915	150		5199	08 1976	64.0	5135	USGS 1980	
(C-34-17) 5CCB2	HOLT	1915	150	6	5199				USGS 1980	DESTROYED
(C-34-17) 5CCB3	HOLT	1900	39		5199	05 1937	57.0	5142	USGS 1980	DESTROYED
(C-34-17) 5CCC	HOLT	1932	100	8	5198	03 1978	63.0	5135	USGS 1980	
(C-34-17) 6BCC	HOLT	1918	150	6	5238	03 1978	100.0	5138	USGS 1980	
(C-34-17) 6DCC	HOLT	1918	150	6	5209				USGS 1980	DESTROYED
(C-34-17) 9AAD	STEVENSON	1900			5173				USGS 1980	DESTROYED
(C-34-17) 9CCD	PROUT	1916	30		5175				USGS 1980	DESTROYED
(C-34-17) 9DDD	PROUT	1924	100	8	5167	03 1978	39.0	5128	USGS 1980	
(C-34-17)10BBC1	PROUT	1916	33	48	5172	12 1950	33.0	5139	USGS 1980	DESTROYED
(C-34-17)10BBC2	PROUT	1916	24	12	5172				USGS 1980	DESTROYED
(C-34-17)10DAD	BROWN	1900	24	36	5159	08 1942	23.0	5136	USGS 1980	DESTROYED
(C-34-17)11CBB1	VARDEN	1900			5139				USGS 1980	DESTROYED
(C-34-17)11CBB2	VARDEN	1900			5159				USGS 1980	DESTROYED
(C-34-17)12ACC	WINTEROSE	1900	90	12	5146				USGS 1980	DESTROYED
(C-34-17)12ADD	WINTEROSE	1926	90	24	5144				USGS 1980	DESTROYED
(C-34-17)13CCB	WINTEROSE	1900			5149				USGS 1980	DESTROYED
(C-34-17)13DCD	DEARMAN	1917	100	14	5141				USGS 1980	DESTROYED
(C-34-17)14ADD	MC MORTY	1900		36	5148				USGS 1980	DESTROYED
(C-34-17)14CCC	CHRISTIAN	1900			5158				USGS 1980	DESTROYED
(C-34-17)15CBB	THOMAS	1900		36	5172				USGS 1980	DESTROYED
(C-34-17)15DDD	BARNHOLD	1900			5160				USGS 1980	DESTROYED
(C-34-17)17BCC1	NUTTALL	1900	28	48	5198				USGS 1980	DESTROYED
(C-34-17)17BCC2	NUTTALL	1900			5198				USGS 1980	DESTROYED
(C-34-17)18ADD	DEMATTEO	1900	39		5199	08 1942	56.0	5143	USGS 1980	DESTROYED
(C-34-17)20BCC	BLM	1900	37	48	5197				USGS 1980	DESTROYED
(C-34-17)21AAA	BLM	1900			5172				USGS 1980	DESTROYED
(C-34-17)21CDC	HARDY	1900	40	36	5186				USGS 1980	DESTROYED
(C-34-17)21DAA	SEVY	1900			5175				USGS 1980	DESTROYED
(C-34-17)22CBB	WALTER	1900			5173				USGS 1980	DESTROYED
(C-34-17)23BBB	ROBERTS	1900			5159				USGS 1980	DESTROYED
(C-34-17)23CCD	PARK	1900	40	72	5161				USGS 1980	DESTROYED
(C-34-17)24AAA	THOMAS	1900		6	5141				USGS 1980	DESTROYED
(C-34-17)24AAB	THOMAS	1900			5142				USGS 1980	DESTROYED
(C-34-17)24ACB	THOMAS	1974	196	8	5143	04 1974	34.0	5111	USGS 1980	
(C-34-17)24ACC1	THOMAS	1900			5146	09 1949	21.0	5125	USGS 1980	DESTROYED
(C-34-17)24ACC2	THOMAS	1926	105	12	5146	12 1949	13.0	5133	USGS 1980	DESTROYED
(C-34-17)24ADC	EVERITE	1975	186	6	5142	03 1975	19.0	5123	USGS 1980	
(C-34-17)24ADD	THOMAS	1974	180	8	5140	09 1974	21.0	5119	USGS 1980	
(C-34-17)24BAC	THOMAS	1972	170	8	5147	05 1972	26.0	5121	USGS 1980	
(C-34-17)24BCC2	THOMAS	1927	120		5151	07 1993	40.0	5111	USGS 1980	DESTROYED
(C-34-17)24BCC3	THOMAS	1971		8	5150	09 1971	35.0	5115	USGS 1980	
(C-34-17)24BDA	THOMAS	1974	204	8	5145	11 1974	37.0	5108	USGS 1980	
(C-34-17)24BDD	THOMAS	1972	192	8	5146	04 1972	30.0	5116	USGS 1980	
(C-34-17)24CBB	SCHOW	1934	40		5151	03 1965	24.0	5127	USGS 1980	DESTROYED
(C-34-17)24DAA	SCHOW	1921	40	14	5142				USGS 1980	DESTROYED
(C-34-17)25BCC	MC GARRY	1900			5153				USGS 1980	DESTROYED
(C-34-17)25CCC	MC GARRY	1900		48	5156				USGS 1980	DESTROYED
(C-34-17)26AAA	HEMSTREET	1900	18		5152	05 1937	16.0	5136	USGS 1980	DESTROYED
(C-34-17)26BBB	VALENTINE	1900			5163				USGS 1980	DESTROYED
(C-34-17)26DDD	HEMSTREET	1900			5163				USGS 1980	DESTROYED
(C-34-17)27ABA	THOMAS	1900		42	5168				USGS 1980	DESTROYED
(C-34-17)27CCC	ZUNDEL	1900	29		5182				USGS 1980	DESTROYED
(C-34-17)27CDB1	ZUNDEL	1919			5178				USGS 1980	DESTROYED
(C-34-17)27CDB2	ZUNDEL	1919			5178				USGS 1980	DESTROYED
(C-34-17)27CDB3	ZUNDEL	1919			5178				USGS 1980	DESTROYED
(C-34-17)28ABB1	BLM	1900	34		5183	05 1941	41.0	5142	USGS 1980	DESTROYED
(C-34-17)28ABB2	BLM	1900		48	5184				USGS 1980	DESTROYED
(C-34-17)28CCC	BLM	1900		48	5196				USGS 1980	DESTROYED
(C-34-17)29DAA	SLATE	1916	54	36	5192				USGS 1980	
(C-34-17)31BCC	NUTTALL	1900	37	48	5232				USGS 1980	DESTROYED
(C-34-17)31CBB	WOOD	1900		39	5233				USGS 1980	DESTROYED
(C-34-17)31DDD	WOOD	1940	120	4	5221	09 1949	77.0	5144	USGS 1980	
(C-34-17)33AAA	HUBBARD	1900			5183				USGS 1980	DESTROYED
(C-34-17)33DCC	CANNON	1946			5193	03 1978	77.0	5116	USGS 1980	
(C-34-17)35ADC	BLM	1900			5159				USGS 1980	DESTROYED
(C-34-17)35ADD	BLM	1900			5158				USGS 1980	DESTROYED
(C-34-17)36AAD	THOMAS	1970	190	8	5148	03 1970	34.0	5114	USGS 1980	
(C-34-17)36ACC	RALL	1948	190	14	5149	03 1979	43.0	5106	USGS 1980	
(C-34-17)36ADD	REESE	1973	200	8	5149	07 1973	64.0	5085	USGS 1980	
(C-34-17)36BDC	SAYLIN	1948	200	14	5154	03 1978	42.0	5112	USGS 1980	
(C-34-17)36CCC	BETTER	1950	220	14	5160	03 1978	51.0	5109	USGS 1980	
(C-34-17)36DCC	HOLT	1948	232	14	5155	04 1977	57.0	5098	USGS 1980	
(C-34-17)36DDC1	BIASI	1947	150		5152	08 1951	55.0	5097	USGS 1980	
(C-34-17)36DDC2	BIASI	1965	275	14	5152	09 1965	37.0	5115	USGS 1980	
(C-34-17)36DDD	BIASI	1951	108	6	5151				USGS 1980	
(C-34-18) 2ACC	LEIGH	1974	230	8	5322	03 1978	180.0	5142	USGS 1980	
(C-34-18)11ACC	BIASI	1977	240		5275	10 1977	147.0	5128	USGS 1980	
(C-34-18)12AAA	BIASI	1918		14	5227				USGS 1980	DESTROYED
(C-34-18)16ADA	BIASI	1919	179	6	5310	08 1967	164.0	5146	USGS 1980	DESTROYED
(C-34-18)21BCC	LEIGH	1972	234	8	5339	10 1972	198.0	5137	USGS 1980	

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(C-34-18)23BBC	BLM	1915	150		5263	07 1949	116.0	5147	USGS 1980	DESTROYED
(C-34-18)24DBA1	THORLEY	1918	91	8	5227	10 1941	83.0	5144	USGS 1980	
(C-34-18)24DBA2	BLM	1947	130	40	5227	03 1979	98.0	5129	USGS 1980	
(C-34-18)27ADC	PARK, FEHR	1970	185	6	5285	06 1970	147.0	5138	USGS 1980	
(C-34-18)27DCD	PARK	1968	215	8	5304	10 1968	163.0	5141	USGS 1980	
(C-34-18)28BAB	THORLEY	1973	220	48	5334	10 1973	188.0	5148	USGS 1980	
(C-34-18)29DAD	MALER	1972	262	8	5361	04 1972	224.0	5137	USGS 1980	
(C-34-18)32CCB	PARK	1971	290	8	5312	06 1971	235.0	5057	USGS 1980	
(C-34-18)32CCC	FAIRCLAUGH	1966	311	6	5392	05 1966	254.0	5138	USGS 1980	
(C-34-18)33ADA	SILVEST	1967	240	6	5328	06 1967	188.0	5140	USGS 1980	
(C-34-18)34BCB	BROOM	1968	246	5	5322	11 1968	185.0	5137	USGS 1980	
(C-34-18)34CAA	PARK	1970	240	8	5313	09 1970	177.0	5136	USGS 1980	
(C-34-18)34CCC	THORLEY	1959	207	6	5331	03 1967	183.0	5148	USGS 1980	
(C-34-19)14BDA			40		5782	09 1978	30.0	5752	USGS 1980	
(C-34-19)36CDA	UNION PACIFIC	1941	300	16	5463	10 1941	260.0	5203	USGS 1980	
(C-34-19)36CDC	UNION PACIFIC	1943	390	16	5460				USGS 1980	DESTROYED
(C-34-19)36DBD	UNION PACIFIC	1943	410	16	5463	11 1943	211.0	5252	USGS 1980	DESTROYED
(C-35-13) 4AA	HUNTER	1940	250	8	5326	03 1979	186.0	5140	USGS 1980	
(C-35-13)21DDD	STUCKI	1947	390	6	5528	05 1947	340.0	5188	USGS 1980	
(C-35-15) 2CDB1	MOYLE	1971	321	16	5138	05 1978	39.0	5099	USGS 1980	
(C-35-15) 2CDB2	MOYLE	1975	312	16	5138	05 1978	76.0	5062	USGS 1980	
(C-35-15) 3ACC	MOYLE	1926	45	12	5135	03 1950	12.0	5123	USGS 1980	DESTROYED
(C-35-15) 3CCC	LOLL	1900	100	12	5137	09 1950	13.0	5124	USGS 1980	DESTROYED
(C-35-15) 3DCC1	MOYLE	1933	130	12	5139	03 1978	34.0	5105	USGS 1980	
(C-35-15) 3DCC2	MOYLE	1927	350	16	5138	03 1978	34.0	5104	USGS 1980	
(C-35-15) 3DCC3	MOYLE	1965	316	16	5138	03 1978	35.0	5103	USGS 1980	
(C-35-15) 3DDC	LOLL	1927	350	16	5138	03 1978	35.0	5103	USGS 1980	
(C-35-15) 4DCC	COWIN	1900	97	12	5137	12 1953	14.0	5123	USGS 1980	DESTROYED
(C-35-15) 5CDB	PENN	1918	35		5135				USGS 1980	DESTROYED
(C-35-15) 6CDD	COWIN	1931	170	12	5139	10 1979	41.0	5098	USGS 1980	
(C-35-15) 7CDD	MOYLE	1946	330	16	5146	04 1978	46.0	5100	USGS 1980	
(C-35-15)10ACC	MOYLE	1927	334	16	5143	05 1978	41.0	5102	USGS 1980	
(C-35-15)10ACD	MOYLE	1927	276	16	5142	05 1978	41.0	5101	USGS 1980	
(C-35-15)10ADC	MOYLE	1927	376	16	5144	05 1978	40.0	5104	USGS 1980	
(C-35-15)10ADD	MOYLE	1927	350	16	5143	05 1978	41.0	5102	USGS 1980	
(C-35-15)10BAC1	JONES	1936	60	12	5141	12 1942	17.0	5124	USGS 1980	DESTROYED
(C-35-15)10BAC2	JONES	1934	60		5141				USGS 1980	DESTROYED
(C-35-15)10BAC3	JONES	1963	317	6	5141	04 1963	23.0	5118	USGS 1980	
(C-35-15)10BDC2	JONES	1936	305	16	5142	10 1962	29.0	5113	USGS 1980	DESTROYED
(C-35-15)10BDC3	JONES				5142	05 1978	39.0	5103	USGS 1980	
(C-35-15)10CDC	BAR V RANCH	1959		20	5145	05 1978	44.0	5101	USGS 1980	
(C-35-15)11BBB	MOYLE	1900	18	8	5139	12 1950	15.0	5124	USGS 1980	DESTROYED
(C-35-15)11BCC	MOYLE	1949	385	8	5144	05 1978	40.0	5104	USGS 1980	
(C-35-15)16BBB	WALTON	1949	18		5144	09 1949	17.0	5127	USGS 1980	DESTROYED
(C-35-15)16DDD	HULET	1947	315	16	5136	03 1979	34.0	5102	USGS 1980	
(C-35-15)20BCD	BLM		162		5159				USGS 1980	
(C-35-15)22DCD	GARDNER	1947	237	16	5168	03 1979	58.0	5110	USGS 1980	
(C-35-15)23CCC1	GARDNER	1929	72	6	5167	12 1953	33.0	5134	USGS 1980	
(C-35-15)23CCC2	GARDNER	1977	200	6	5167				USGS 1980	
(C-35-15)28ACC1	HULET	1912	35	60	5167				USGS 1980	DESTROYED
(C-35-15)28ACC2	HULET	1942	196	10	5175	11 1952	19.0	5156	USGS 1980	DESTROYED
(C-35-15)28ACC3	HULET	1934	206	16	5175	05 1934	43.0	5132	USGS 1980	
(C-35-15)28ADC	HULET	1943	298	10	5175	10 1956	47.0	5128	USGS 1980	
(C-35-15)28BAB	HULET	1900			5170				USGS 1980	DESTROYED
(C-35-15)28BDC1	HULET	1943	180	14	5174	04 1959	47.0	5127	USGS 1980	DESTROYED
(C-35-15)28BDC2	HULET	1959	264	16	5174	12 1960	50.0	5124	USGS 1980	
(C-35-15)28BDC3	HULET	1960	302	16	5174	03 1979	74.0	5100	USGS 1980	
(C-35-15)28DBB	HULET	1959	102	6	5175	04 1959	48.0	5127	USGS 1980	
(C-35-15)28DDC1	HULET	1937			5183				USGS 1980	DESTROYED
(C-35-15)28DDC2	HULET	1961	320	16	5183	03 1978	84.0	5099	USGS 1980	
(C-35-15)30ACC	CHRISTIANSEN	1912	35	48	5164	03 1978	98.0	5066	USGS 1980	DESTROYED
(C-35-15)34CCB	MOYLE	1977	300	16	5205	04 1978	103.0	5102	USGS 1980	
(C-35-15)34DCD	GARDNER	1956	135	7	5202	06 1978	100.0	5102	USGS 1980	
(C-35-16) 3ABB	GARDNER	1966	200	8	5142	08 1966	48.0	5094	USGS 1980	
(C-35-16) 3BBD	DEWEY	1926	90	12	5141	07 1937	14.0	5127	USGS 1980	DESTROYED
(C-35-16) 3BCD	DEWEY	1926	135	12	5146	12 1953	21.0	5125	USGS 1980	DESTROYED
(C-35-16) 3BDD	EDCOR	1930	202	16	5144	03 1930	15.0	5129	USGS 1980	
(C-35-16) 3CCA	DEWEY	1926	93		5149				USGS 1980	DESTROYED
(C-35-16) 3CDC	LAUB	1952	200	16	5147	01 1952	20.0	5127	USGS 1980	
(C-35-16) 3DCC	BOWLER	1948	85	4	5147	12 1949	18.0	5129	USGS 1980	DESTROYED
(C-35-16) 3DCD	BOWLER	1932	206	16	5147	03 1979	55.0	5092	USGS 1980	
(C-35-16) 4ECC	JENSEN	1974	204	8	5143	11 1974	47.0	5096	USGS 1980	
(C-35-16) 4CCC1	LAUB	1949			5146				USGS 1980	DESTROYED
(C-35-16) 4CCC2	LAUB	1976	200	8	5146	10 1976	65.0	5081	USGS 1980	
(C-35-16) 4DCB	LAUB	1970	230	16	5146	03 1970	37.0	5109	USGS 1980	
(C-35-16) 4DCC	LAUB	1953	166	16	5148	06 1953	21.0	5127	USGS 1980	
(C-35-16) 5ADD	PUDDYCOMB	1923	35	8	5144	10 1941	12.0	5132	USGS 1980	DESTROYED
(C-35-16) 5ADD1	PUDDYCOMB	1938	40	15	5144	07 1949	13.0	5129	USGS 1980	DESTROYED
(C-35-16) 5ADD2	PUDDYCOMB	1951	89	6	5144	11 1951	21.0	5123	USGS 1980	
(C-35-16) 5ADD3	HITT	1967	1629	10	5144	11 1967	37.0	5107	USGS 1980	
(C-35-16) 6BBC1	STAHELI	1927	22	8	5131	09 1947	20.0	5131	USGS 1980	DESTROYED
(C-35-16) 6BBC2	STAHELI	1949	200	16	5131	03 1979	30.0	5101	USGS 1980	
(C-35-16) 6CCC1	THOMAS	1923	80	12	5139	09 1937	18.0	5137	USGS 1980	DESTROYED
(C-35-16) 6CCC2	THOMAS	1923	60	8	5139	03 1954	29.0	5126	USGS 1980	DESTROYED

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. - yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-35-16) 6DBC1	THOMAS	1955	208	16	5131	10 1955	27.0	5124	USGS 1980	
(C-35-16) 7BBB1	THOMAS	1932	65		5135	09 1949	24.0	5131	USGS 1980	DESTROYED
(C-35-16) 7BBB2	ABRAMS	1932		8	5136				USGS 1980	DESTROYED
(C-35-16) 7BCC	ABRAMS	1925	65	12	5136	03 1950	22.0	5134	USGS 1980	DESTROYED
(C-35-16) 7BDB1	MOYLE	1923	75	12	5134	01 1939	18.0	5136	USGS 1980	DESTROYED
(C-35-16) 7BDB2	MOYLE	1930	35		5154	05 1937	17.0	5137	USGS 1980	DESTROYED
(C-35-16) 7BDC1	MOYLE	1922	75	12	5155	05 1937	18.0	5137	USGS 1980	DESTROYED
(C-35-16) 7CCB1	WILSON	1900	29		5158	08 1942	22.0	5136	USGS 1980	DESTROYED
(C-35-16) 7CCB2	WILSON	1925	45	12	5158				USGS 1980	DESTROYED
(C-35-16) 7CCC1	WILSON	1934	70	12	5157	05 1937	19.0	5138	USGS 1980	
(C-35-16) 7CCC2	WILSON	1955	234	16	5157	03 1977	60.0	5097	USGS 1980	
(C-35-16) 7CCC3	WILSON	1966	180	8	5158	06 1966	44.0	5114	USGS 1980	
(C-35-16) 7CDC1	MOYLE	1944	145	14	5157	11 1944	21.0	5136	USGS 1980	
(C-35-16) 8ADA1	WEHNER	1969	186	8	5149	07 1969	52.0	5097	USGS 1980	
(C-35-16) 8AOD1	LAYMON	1948			5150				USGS 1980	
(C-35-16) 8CDD1	LIOSI	1919	60	12	5150				USGS 1980	DESTROYED
(C-35-16) 8DAA	AULD	1959	108	6	5149	03 1978	55.0	5094	USGS 1980	
(C-35-16) 8DDC1	MANNING	1958	107	7	5152	04 1958	29.0	5123	USGS 1980	
(C-35-16) 9AAD1	BOWLER	1946	150	16	5150				USGS 1980	
(C-35-16) 9AAD2	BOWLER	1950	214	14	5150	10 1950	9.0	5141	USGS 1980	
(C-35-16) 9ADD	BOWLER	1946	150	16	5151	10 1969	50.0	5101	USGS 1980	
(C-35-16) 9CBC1	LAUB	1966	169	8	5150	05 1966	52.0	5098	USGS 1980	
(C-35-16) 9CBD1	LAUB	1951	330	16	5150	02 1973	47.0	5103	USGS 1980	
(C-35-16) 9CDC	HASEGAWA	1900	51	12	5152	12 1941	16.0	5136	USGS 1980	DESTROYED
(C-35-16) 9DAC1	WOODS				5152				USGS 1980	
(C-35-16)10CAC1	ANDERSON	1926	103	12	5151	12 1951	23.0	5128	USGS 1980	
(C-35-16)10CAC2	ANDERSON	1929	25	2	5151				USGS 1980	DESTROYED
(C-35-16)10CAC3	ANDERSON	1936	21	20	5147	05 1937	14.0	5133	USGS 1980	DESTROYED
(C-35-16)10CAC4	ANDERSON	1963	137	7	5151	03 1963	41.0	5110	USGS 1980	
(C-35-16)10CDA1	ANDERSON	1927	117	14	5150	03 1943	17.0	5133	USGS 1980	
(C-35-16)10CDA2	ANDERSON				5150				USGS 1980	
(C-35-16)10CDD1	ANDERSON	1963	250	16	5151	08 1963	42.0	5109	USGS 1980	
(C-35-16)14ADC1	MC GARRY	1966	287	14	5150	08 1966	45.0	5105	USGS 1980	
(C-35-16)14BDD1	MC GARRY	1926			5152				USGS 1980	DESTROYED
(C-35-16)14BDD2	MC GARRY	1960	241	14	5152	10 1960	36.0	5116	USGS 1980	
(C-35-16)14CAD1	MC GARRY	1900			5152				USGS 1980	
(C-35-16)14CCC1	MC GARRY	1950	192	14	5156	10 1963	47.0	5109	USGS 1980	
(C-35-16)14CCC2	MC GARRY	1948	100	6	5156	09 1949	23.0	5133	USGS 1980	DESTROYED
(C-35-16)14DCC1	MC GARRY	1948	167	14	5155	10 1963	44.0	5111	USGS 1980	
(C-35-16)14DDC1	MC GARRY	1947	100	12	5155	10 1979	67.0	5088	USGS 1980	
(C-35-16)14DDC2	MC GARRY	1953	130	6	5159	02 1953	29.0	5130	USGS 1980	
(C-35-16)14DDC3	MC GARRY	1900			5155				USGS 1980	
(C-35-16)15ABB1	BURGESS	1908	40		5151	07 1956	32.0	5119	USGS 1980	DESTROYED
(C-35-16)15ABC1	BURGESS	1932	90		5152	10 1945	19.0	5133	USGS 1980	DESTROYED
(C-35-16)15ACA1	BURGESS	1931	84	12	5154	07 1949	21.0	5133	USGS 1980	DESTROYED
(C-35-16)15BBA1	BURGESS	1927	133	12	5153	08 1927	37.0	5116	USGS 1980	DESTROYED
(C-35-16)15BBA2	BURGESS	1961	227	16	5153	06 1961	41.0	5112	USGS 1980	
(C-35-16)15BBD1	BRACKEN	1927	34	12	5153	05 1937	18.0	5135	USGS 1980	DESTROYED
(C-35-16)15BCC1	BRACKEN	1961	116	6	5156	04 1961	40.0	5116	USGS 1980	
(C-35-16)15CBD1	BURGESS	1962	216	16	5156	08 1962	51.0	5105	USGS 1980	
(C-35-16)15DCC1	HARTLEY	1900			5156				USGS 1980	DESTROYED
(C-35-16)16ACA1	NIELSON	1963	240	14	5154	04 1963	41.0	5113	USGS 1980	
(C-35-16)16ADA1	BRACKEN	1978	253	16	5154	06 1978	63.0	5091	USGS 1980	
(C-35-16)16ADD	BRACKEN		215	14	5157	08 1949	24.0	5133	USGS 1980	
(C-35-16)16BBC	ROMERO	1946	174	14	5151	03 1979	63.0	5088	USGS 1980	
(C-35-16)16BCB1	ROMERO	1954	96	7	5132	07 1954	28.0	5124	USGS 1980	
(C-35-16)16BDD	ROMERO	1946	163	14	5154	08 1949	23.0	5131	USGS 1980	
(C-35-16)16CAC1	BRACKEN	1946	140	12	5155	07 1953	45.0	5110	USGS 1980	DESTROYED
(C-35-16)16CAC2	BRACKEN	1961	201	14	5155				USGS 1980	
(C-35-16)16CDD1	BANKS	1941	125		5156	03 1978	66.0	5090	USGS 1980	DESTROYED
(C-35-16)16CDD2	BANKS	1961	204	16	5156	08 1961	50.0	5106	USGS 1980	
(C-35-16)16DCD1	NIELSON	1966	130	6	5157	08 1966	62.0	5095	USGS 1980	
(C-35-16)16DDA1	WOODS	1949	224	14	5157	07 1953	49.0	5108	USGS 1980	
(C-35-16)16DDA2	WOODS	1960	118	7	5151	08 1960	30.0	5101	USGS 1980	
(C-35-16)16DDC1	NIELSON	1947	132	14	5157	07 1953	45.0	5112	USGS 1980	DESTROYED
(C-35-16)16DDC2	NIELSON	1954	199	14	5157	12 1953	32.0	5125	USGS 1980	
(C-35-16)17ABA1	HUNT	1944			5151	08 1949	18.0	5133	USGS 1980	DESTROYED
(C-35-16)17ABA2	HUNT	1953	96	6	5151				USGS 1980	
(C-35-16)17ACC1	HUNT	1940	70		5155	08 1950	31.0	5124	USGS 1980	DESTROYED
(C-35-16)17ACC2	HUNT	1961	203	14	5155	03 1961	35.0	5120	USGS 1980	
(C-35-16)17ADD1	BECKSTROM	1940	25		5154				USGS 1980	DESTROYED
(C-35-16)17ADD2	BECKSTROM	1940	103	13	5154	07 1952	38.0	5116	USGS 1980	
(C-35-16)17ADD3	BECKSTROM	1952	57	6	5154	07 1952	30.0	5124	USGS 1980	DESTROYED
(C-35-16)17ADD4	BECKSTROM	1961	150	14	5154	04 1961	38.0	5116	USGS 1980	
(C-35-16)17BAD1	LILLEY	1931	120	12	5151	12 1953	25.0	5126	USGS 1980	
(C-35-16)17BAD2	LILLEY	1932	19	11	5155	05 1937	16.0	5139	USGS 1980	DESTROYED
(C-35-16)17BBA1	IRON COUNTY	1940	30		5152	10 1945	13.0	5137	USGS 1980	DESTROYED
(C-35-16)17BDA1	LILLEY	1932	25	8	5155	05 1937	15.0	5140	USGS 1980	DESTROYED
(C-35-16)17CDA1	LILLEY	1934	122	8	5153	05 1937	14.0	5139	USGS 1980	DESTROYED
(C-35-16)17CDA2	LILLEY	1924	75		5153	06 1937	12.0	5141	USGS 1980	DESTROYED
(C-35-16)17CDA3	LILLEY	1950	124	14	5153	11 1950	20.0	5133	USGS 1980	
(C-35-16)17CDC1	LILLEY	1974	300	16	5158				USGS 1980	
(C-35-16)17CDD1	LILLEY	1900	16		5158	09 1937	14.0	5141	USGS 1980	DESTROYED
(C-35-16)17DCD1	LILLEY	1900			5153				USGS 1980	
(C-35-16)17DDC1	CLARK	1937	27	6	5153	10 1941	19.0	5134	USGS 1980	DESTROYED

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(C-35-16)17DDD1	CLARK	1918	75		5134	12 1949	22.0	5134	USGS 1980	DESTROYED
(C-35-16)18CCC1	BOSSHARDT	1946	160		5159	12 1953	32.0	5127	USGS 1980	
(C-35-16)18CDC1	BOSSHARDT	1934	90	12	5160				USGS 1980	DESTROYED
(C-35-16)18CDC2	BOSSHARDT	1934	35	9	5160	03 1961	42.0	5118	USGS 1980	DESTROYED
(C-35-16)18CDC3	BOSSHARDT	1934	28	6	5160				USGS 1980	DESTROYED
(C-35-16)18CDC4	BOSSHARDT	1934	22	6	5160	05 1937	19.0	5141	USGS 1980	DESTROYED
(C-35-16)18CDC5	BOSSHARDT	1961	148	6	5160	05 1961	50.0	5110	USGS 1980	
(C-35-16)18CDC6	BOSSHARDT	1961	204	16	5160	07 1961	43.0	5117	USGS 1980	
(C-35-16)18CDC7	BOSSHARDT	1973	265	8	5160	09 1973	76.0	5084	USGS 1980	
(C-35-16)18DBD1	WHALEY	1900			5159				USGS 1980	DESTROYED
(C-35-16)20AAA1	LILLEY	1953	98	6	5157	10 1953	38.0	5119	USGS 1980	DESTROYED
(C-35-16)20AAA1	LILLEY	1953	98	6	5157		83.0		USGS 1980	DESTROYED
(C-35-16)20AAA2	LILLEY	1974	234	8	5157	07 1974	82.0	5075	USGS 1980	
(C-35-16)20BAA1	BLM	1976	57	2	5150				USGS 1980	
(C-35-16)20CDD1	GUEST	1929	45	12	5159	05 1937	20.0	5139	USGS 1980	DESTROYED
(C-35-16)20CDD2	GUEST	1900	25	12	5160	06 1947	22.0	5138	USGS 1980	DESTROYED
(C-35-16)20CDD3	GUEST	1959	117	9	5159	05 1961	47.0	5112	USGS 1980	
(C-35-16)20DAD1	LILLEY	1946	200	16	5159	10 1963	53.0	5106	USGS 1980	
(C-35-16)20DCC1	GUEST		98	12	5162	05 1937	20.0	5142	USGS 1980	DESTROYED
(C-35-16)20DCC2	GUEST	1957	149	3	5162	08 1957	45.0	5117	USGS 1980	
(C-35-16)20DDD1	HUNTER	1929	80	12	5161				USGS 1980	DESTROYED
(C-35-16)21AAA1	LOVE	1952	63	7	5157	06 1952	29.0	5128	USGS 1980	
(C-35-16)21ACD1	LOVE	1946	97	12	5161	04 1978	69.0	5092	USGS 1980	
(C-35-16)21ACD2	LOVE	1961	239	16	5161	07 1961	50.0	5111	USGS 1980	
(C-35-16)21BBB1	BIASI	1942			5158				USGS 1980	DESTROYED
(C-35-16)21BBB2	BIASI	1954	55	8	5158	04 1954	30.0	5128	USGS 1980	DESTROYED
(C-35-16)21BBB3	BIASI	1956	121		5158	10 1956	38.0	5120	USGS 1980	
(C-35-16)21BCC1	MOYLE	1944	120	13	5159	05 1944	22.0	5137	USGS 1980	
(C-35-16)21BCC2	MOYLE	1973	270	16	5159	07 1973	73.0	5086	USGS 1980	
(C-35-16)21BDC1	MOYLE	1947	200	16	5161	10 1954	34.0	5127	USGS 1980	
(C-35-16)21CAC1	PIPER	1947	155	14	5162	11 1951	44.0	5118	USGS 1980	
(C-35-16)21CAC2	PIPER	1977	300	16	5162	06 1977	67.0	5095	USGS 1980	
(C-35-16)21CBB1	PIPER	1948	97	6	5160	08 1949	29.0	5131	USGS 1980	DESTROYED
(C-35-16)21CBB2	PIPER	1972	214	8	5160	08 1972	84.0	5076	USGS 1980	
(C-35-16)21DCC1	MOYLE	1941	110		5163				USGS 1980	DESTROYED
(C-35-16)21DCC2	MOYLE	1950	204	16	5163	02 1950	25.0	5138	USGS 1980	DESTROYED
(C-35-16)21DCC3	MOYLE	1973	300	16	5163	06 1973	78.0	5085	USGS 1980	
(C-35-16)21DDC1	LOVE	1951	156	14	5163	08 1951	32.0	5131	USGS 1980	DESTROYED
(C-35-16)22ADD1	THOMPSON	1931	147	12	5160	06 1952	37.0	5123	USGS 1980	DESTROYED
(C-35-16)22ADD2	THOMPSON				5160				USGS 1980	
(C-35-16)22BBA1	LOVE	1934	26	8	5159	06 1950	26.0	5133	USGS 1980	DESTROYED
(C-35-16)22BCB1	LOVE	1946	251	16	5160	07 1946	62.0	5098	USGS 1980	
(C-35-16)22CCD1	BOWLER	1923	85	12	5164	04 1940	23.0	5141	USGS 1980	DESTROYED
(C-35-16)22CCD2	BOWLER	1947	206	14	5164	09 1961	53.0	5111	USGS 1980	
(C-35-16)22DCC1	BOWLER	1947	130	12	5164	09 1949	28.0	5136	USGS 1980	DESTROYED
(C-35-16)22DCC2	BOWLER	1957	226	16	5164	07 1957	43.0	5121	USGS 1980	
(C-35-16)22DDD1	BOWLER	1900			5163				USGS 1980	DESTROYED
(C-35-16)23BCD1	GRAFF	1944	160	12	5159				USGS 1980	
(C-35-16)23BCD2	GRAFF	1948	62	6	5159	07 1962	54.0	5105	USGS 1980	
(C-35-16)24BCB1	PACIFIC WEST	1900	20		5155	05 1937	17.0	5138	USGS 1980	DESTROYED
(C-35-16)27CCA1	PEDERSON	1977	700	16	514-				USGS 1980	
(C-35-16)28ACB1	THOMAS	1961	205	16	5168	04 1978	75.0	5093	USGS 1980	
(C-35-16)28BCD1	THOMAS	1952	89	6	5167				USGS 1980	
(C-35-16)28BDC1	THOMAS	1946	200	18	5167	04 1978	76.0	5091	USGS 1980	
(C-35-16)28BDC2	THOMAS				5167	04 1978	76.0	5091	USGS 1980	
(C-35-16)28CBC1	PEDERSON	1974	310	16	5168	03 1974	70.0	5098	USGS 1980	
(C-35-16)28CCD2	PEDERSON	1951	60	8	5170	05 1951	36.0	5134	USGS 1980	DESTROYED
(C-35-16)28CCD3	PEDERSON	1962	149	7	5170	06 1962	62.0	5108	USGS 1980	
(C-35-16)28CDC1	PEDERSON	1947	183	16	5170	02 1947	29.0	5141	USGS 1980	
(C-35-16)28DAC1	PEDERSON	1969	530	16	5169				USGS 1980	
(C-35-16)29ACC1	SMITH	1944	195	16	5167	07 1951	35.0	5132	USGS 1980	
(C-35-16)29ACD1	SMITH	1962	227	16	5166	12 1962	33.0	5111	USGS 1980	
(C-35-16)29ADD1	SMITH	1946	129	6	5166	07 1967	70.0	5096	USGS 1980	
(C-35-16)29BAD1	BAYLES	1928	90	12	5163				USGS 1980	DESTROYED
(C-35-16)29CCD1	BAYLES	1949	190	16	5174	03 1961	55.0	5119	USGS 1980	
(C-35-16)29CCD2	BAYLES	1977	700	16	5174	12 1977	73.0	5101	USGS 1980	
(C-35-16)29DCC1	HARKER	1941	140		5172				USGS 1980	DESTROYED
(C-35-16)29DCC2	HARKER	1975	520	16	5172	02 1975	70.0	5102	USGS 1980	
(C-35-16)29DDC1	HARKER	1941			5172				USGS 1980	
(C-35-16)29DDC2	HARKER	1955	105	6	5172	02 1955	39.0	5133	USGS 1980	
(C-35-16)29DDD1	HARKER	1900	25		5171				USGS 1980	DESTROYED
(C-35-16)29DDD2	HARKER	1967	170	6	5171	07 1967	73.0	5098	USGS 1980	
(C-35-16)29DDD3	HARKER	1976	380	9	5171	03 1976	85.0	5086	USGS 1980	
(C-35-16)30DCC1	THOMAS	1947	155	14	5175	05 1978	83.0	5092	USGS 1980	
(C-35-16)31ABC1	THOMAS	1947	162	16	5178	03 1979	87.0	5091	USGS 1980	
(C-35-16)31ABC2	THOMAS	1948	70	6	5178				USGS 1980	
(C-35-16)31ACC1	THOMAS				5179	04 1978	88.0	5091	USGS 1980	
(C-35-16)31ACC2	LIPOMA CO.		162		5173				USGS 1980	
(C-35-16)31BAB1	MALNER	1948	103	6	5177	08 1960	65.0	5112	USGS 1980	
(C-35-16)31BAB2	MALNER	1978	200	8	5177	02 1978	70.0	5107	USGS 1980	
(C-35-16)31BCC	WHITELAW	1947	195	16	5181	08 1969	81.0	5100	USGS 1980	
(C-35-16)31BDC1	MALNER	1946	160	12	5179				USGS 1980	
(C-35-16)31CCC1	GARDNER	1946	209	6	5186	05 1961	68.0	5118	USGS 1980	
(C-35-16)31CCC2	GARDNER	1948	65	6	5186	04 1948	42.0	5144	USGS 1980	

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-35-16)31CCC3	GARDNER	1965	282	14	5186	04 1965	79.0	5107	USGS 1980	
(C-35-16)31CDD1	GARDNER	1946	182	14	5183	06 1953	74.0	5109	USGS 1980	
(C-35-16)31DCD1	STAHELI	1948	140	14	5184	03 1948	38.0	5146	USGS 1980	
(C-35-16)31DDD1	STAHELI	1946	160	16	5184	06 1953	63.0	5121	USGS 1980	
(C-35-16)32ACC1	PEDERSON	1946	168	16	5177	06 1953	36.0	5121	USGS 1980	
(C-35-16)32ADD1	PEDERSON	1947	116	6	5176	08 1947	36.0	5140	USGS 1980	DESTROYED
(C-35-16)32ADD2	PEDERSON	1970	220	8	5176	04 1970	74.0	5102	USGS 1980	
(C-35-16)32BCD1	PEDERSON	1946	173	16	5178	06 1946	35.0	5143	USGS 1980	
(C-35-16)32BCD2	PEDERSON	1948	100	6	5178	01 1948	35.0	5143	USGS 1980	
(C-35-16)32BCD3	PEDERSON	1967	336	16	5178	04 1967	73.0	5105	USGS 1980	DESTROYED
(C-35-16)32BCD4	PEDERSON	1974	494	16	5178	04 1974	74.0	5104	USGS 1980	
(C-35-16)32BDC1	PEDERSON	1949	122		5178	06 1949	40.0	5138	USGS 1980	DESTROYED
(C-35-16)32BDC2	PEDERSON	1977	200	9	5178	01 1977	104.0	5074	USGS 1980	
(C-35-16)32CCC1	FARNSWORTH	1946	197	16	5182	03 1961	63.0	5119	USGS 1980	
(C-35-16)32CCD1	FARNSWORTH	1950	170	14	5182	06 1950	44.0	5138	USGS 1980	
(C-35-16)32DAA1	IRON CO., SCH.	1950	256	8	5177	07 1974	93.0	5084	USGS 1980	
(C-35-16)32DAA2	LAKEY	1958	144	7	5177	10 1958	56.0	5121	USGS 1980	
(C-35-16)32DAB1	IRON CO. SCH.	1952	99	6	5176	06 1952	44.0	5132	USGS 1980	DESTROYED
(C-35-16)32DAB2	IRON CO. SCH.	1965	172	7	5176	05 1965	70.0	5106	USGS 1980	
(C-35-16)32DCA1	BL BAPT. CHURCH	1978	186	8	5180	06 1978	97.0	5083	USGS 1980	
(C-35-16)32DCD1	FARNSWORTH	1961	140	6	5180	05 1961	67.0	5113	USGS 1980	
(C-35-16)32DDC1	MC GARRY	1948	452	14	5178	03 1961	59.0	5119	USGS 1980	
(C-35-16)32DDC2	MC GARRY	1962	146	6	5178	06 1962	83.0	5095	USGS 1980	
(C-35-16)33BCC1	TWITCHELL	1946	160	16	5175	10 1979	94.0	5081	USGS 1980	
(C-35-16)33BDC1	TWITCHELL	1957	124	6	5175	03 1978	87.0	5088	USGS 1980	
(C-35-16)33BDC2	TWITCHELL	1962	191	16	5175	03 1979	87.0	5088	USGS 1980	
(C-35-16)33CCB1	HOYLE	1945	149	10	5180	06 1978	90.0	5090	USGS 1980	
(C-35-16)33CCB2	HOYLE	1949	75	6	5180				USGS 1980	
(C-35-16)33CCB3	E V EL ASSOC.	1955	132	6	5180	06 1965	75.0	5105	USGS 1980	
(C-35-16)33CCB4	HOYLE	1977	352	12	5180	06 1978	89.0	5091	USGS 1980	
(C-35-16)33CCC1	BRACKEN	1963	147	6	5181	05 1963	69.0	5112	USGS 1980	
(C-35-16)33CCC2	BRACKEN	1973	180	8	5181	07 1973	90.0	5091	USGS 1980	
(C-35-16)33CCC3	HOLT	1976	115	2	5181				USGS 1980	
(C-35-16)33CCD1	BUHL	1954	101	8	5180	11 1954	45.0	5135	USGS 1980	DESTROYED
(C-35-16)33CCD2	LAUB	1958	110	6	5181	07 1958	62.0	5119	USGS 1980	
(C-35-16)33CCD3	BUHL	1966	131	6	5180	08 1966	81.0	5099	USGS 1980	
(C-35-16)33CDC1	E. V. H. A.	1972	230	8	5180	01 1972	80.0	5100	USGS 1980	
(C-35-16)33DCB	THOMAS	1970	177	8	5300	09 1970	95.0	5205	USGS 1980	
(C-35-17) 1ABB2	THOMAS	1900			5154	05 1937	18.0	5136	USGS 1980	DESTROYED
(C-35-17) 1ABB3	THOMAS	1900			5154	05 1937	18.0	5136	USGS 1980	DESTROYED
(C-35-17) 1ABBA	THOMAS	1900			5155	05 1937	18.0	5137	USGS 1980	DESTROYED
(C-35-17) 1ACC1	THOMAS	1926	100	12	5157	12 1953	28.0	5129	USGS 1980	DESTROYED
(C-35-17) 1ACC2	THOMAS	1947	265	16	5156	04 1977	45.0	5091	USGS 1980	
(C-35-17) 1ADBA	DOBBS	1970	210	8	5153	02 1970	46.0	5107	USGS 1980	
(C-35-17) 1BCC1	THOMAS	1926	122	12	5162	05 1937	24.0	5138	USGS 1980	
(C-35-17) 1BCC2	THOMAS	1951	122	12	5162	12 1954	34.0	5128	USGS 1980	
(C-35-17) 1BDD1	MC GARRY	1924	100		5156				USGS 1980	DESTROYED
(C-35-17) 1CCC1	BROWN	1951	206	16	5166	04 1977	61.0	5105	USGS 1980	
(C-35-17) 1CDC1	BROWN	1947	102	12	5169	07 1953	86.0	5083	USGS 1980	DESTROYED
(C-35-17) 1CDC2	BROWN	1964	300	14	5169	05 1964	47.0	5122	USGS 1980	
(C-35-17) 1DCC1	BROWN	1900	180	6	5160	07 1967	86.0	5074	USGS 1980	
(C-35-17) 1DCC2	BROWN	1947	257	16	5160	07 1953	58.0	5102	USGS 1980	DESTROYED
(C-35-17) 1DCC3	BROWN	1955	215	14	5160	08 1955	41.0	5119	USGS 1980	
(C-35-17) 1DDC1	BROWN	1952	219	14	5157	04 1977	56.0	5101	USGS 1980	
(C-35-17) 2AAC1	OWENS	1975	163	8	5163	08 1975	40.0	5123	USGS 1980	
(C-35-17) 2ABA1	THOMAS	1972	193	8	5164	10 1972	60.0	5104	USGS 1980	
(C-35-17) 2ACA1	STADTLANDER	1975	193	8	5164	01 1975	51.0	5113	USGS 1980	
(C-35-17) 2ACD1	THOMAS	1977	206	6	5165	03 1977	40.0	5125	USGS 1980	
(C-35-17) 2DCC1	THOMAS	1947	160	16	5170	10 1979	69.0	5101	USGS 1980	
(C-35-17) 2DDD1	THOMAS	1973		8	5165	09 1973	72.0	5093	USGS 1980	
(C-35-17) 3BBB1	SANDERS	1916	100	12	5187	12 1953	50.0	5137	USGS 1980	
(C-35-17) 3CCC1	NIELSON	1947	237	14	5190	10 1979	74.0	5116	USGS 1980	
(C-35-17) 4ACC1	BOWLER	1947	224	14	5194	07 1977	104.0	5090	USGS 1980	
(C-35-17) 4DCC1	MORGAN	1948	207	14	5199	04 1977	79.0	5120	USGS 1980	
(C-35-17) 7DAA1	CANNON	1947	200	12	5231	10 1979	108.0	5123	USGS 1980	
(C-35-17) 7DAA2	CANNON	1974	301	16	5230	05 1974	105.0	5125	USGS 1980	
(C-35-17) 8ABD1	THOMAS	1970	200	8	5204	07 1970	87.0	5117	USGS 1980	
(C-35-17) 8CBB1	CANNON	1920	96	6	5229	12 1954	89.0	5140	USGS 1980	
(C-35-17) 8CBB2	CANNON	1950	164	8	5230	03 1951	87.0	5143	USGS 1980	
(C-35-17)10AAA1	MILLET	1973	198	8	5178	12 1973	75.0	5103	USGS 1980	
(C-35-17)10AAB1	THOMAS	1974	184	8	5180	07 1974	73.0	5107	USGS 1980	
(C-35-17)10BBA1	THOMAS	1973	179	8	5187	09 1973	74.0	5113	USGS 1980	
(C-35-17)10BBA2	THOMAS	1974	197	8	5185	07 1974	77.0	5108	USGS 1980	
(C-35-17)10BBD1	THOMAS	1973	180	8	5187	09 1973	75.0	5112	USGS 1980	
(C-35-17)12ABB1	WILSON	1942	110	13	5160	04 1977	59.0	5101	USGS 1980	
(C-35-17)12ACC1	WILSON	1924	90		5161	05 1937	22.0	5139	USGS 1980	
(C-35-17)12ACC2	WILSON	1955	149	14	5161	03 1977	61.0	5100	USGS 1980	
(C-35-17)12ACC3	WILSON	1960	360	16	5161	04 1960	38.0	5123	USGS 1980	
(C-35-17)12BAB1	ANDERSON	1936	86	12	5162				USGS 1980	DESTROYED
(C-35-17)12BCC1	PRICE	1948	161	14	5167	03 1978	68.0	5099	USGS 1980	
(C-35-17)12BDC1	ANDERSON	1951	252	10	5165	04 1967	54.0	5111	USGS 1980	DESTROYED
(C-35-17)12BDC2	WILSON	1968	347	14	5165	04 1977	63.0	5102	USGS 1980	
(C-35-17)12CAB1	ANDERSON	1953	197	6	5164	05 1967	69.0	5095	USGS 1980	
(C-35-17)12DCD1	WILSON	1924	100	12	5160	05 1937	21.0	5139	USGS 1980	DESTROYED

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-35-17)12DCD2	WILSON	1949	202	12	5160	04 1977	68.0	5092	USGS 1980	
(C-35-17)12DDC1	WILSON	1949	200	16	5160	04 1977	67.0	5093	USGS 1980	
(C-35-17)13ACC1	CHRISTENSEN	1940	130	10	5164	04 1949	27.0	5137	USGS 1980	DESTROYED
(C-35-17)13ACC2	CHRISTENSEN	1954	272	16	5164	03 1954	34.0	5130	USGS 1980	
(C-35-17)13ADC1	CHRISTENSEN	1941	236	10	5162	10 1955	40.0	5122	USGS 1980	
(C-35-17)13BCC1	MOYLE	1940	150	16	5169	07 1950	38.0	5131	USGS 1980	
(C-35-17)13BDC1	MOYLE	1934	100	16	5166	10 1979	76.0	5090	USGS 1980	
(C-35-17)13BDC2	MOYLE	1931	110		5166				USGS 1980	DESTROYED
(C-35-17)13BDD1	MOYLE	1931	75		5165				USGS 1980	
(C-35-17)13CAA1	MOYLE	1931	40	8	5164	05 1937	24.0	5140	USGS 1980	DESTROYED
(C-35-17)13CBC1	MOYLE	1935	90	20	5169	07 1951	54.0	5115	USGS 1980	DESTROYED
(C-35-17)13CBC2	MOYLE				5169				USGS 1980	
(C-35-17)13CCC1	MOYLE	1949	200	16	5170	12 1954	41.0	5129	USGS 1980	
(C-35-17)14CCC1	HUNTSMAN	1947	300	16	5182	03 1978	78.0	5104	USGS 1980	
(C-35-17)14CDA1	HUNTSMAN	1976	497	16	5175	09 1977	155.0	5020	USGS 1980	
(C-35-17)14DAB1	HUNTSMAN	1976	250	6	5176	09 1977	76.0	5100	USGS 1980	
(C-35-17)16CCD1	ATTUSO	1977	203	8	5210	11 1977	97.0	5113	USGS 1980	
(C-35-17)16CDD1	THOMAS	1974	180	8	5203				USGS 1980	
(C-35-17)18ABD1	COX	1970	180	8	5236	04 1970	107.0	5129	USGS 1980	
(C-35-17)18ACB1	SMITH	1976	200	6	5240	09 1976	40.0	5200	USGS 1980	
(C-35-17)18ACC1	THOMAS	1972	180	8	5238	06 1972	111.0	5127	USGS 1980	
(C-35-17)18ADD1	BYERLY	1971	180	8	5231	08 1971	101.0	5130	USGS 1980	
(C-35-17)18DAB1	DUFOUR	1969	176	8	5233	09 1969	115.0	5118	USGS 1980	
(C-35-17)19DAD1	PATTON	1969	185	6	5233	04 1969	104.0	5129	USGS 1980	
(C-35-17)20AAD1	THOMAS	1900	70	40	5215				USGS 1980	DESTROYED
(C-35-17)20ACD1	THOMAS	1966	278	6	5214	02 1966	87.0	5127	USGS 1980	
(C-35-17)20ADA1	JACKSON	1975	200	8	5209	08 1975	96.0	5113	USGS 1980	
(C-35-17)20ADD1	MC DONALD	1969	150	8	5209	01 1969	85.0	5124	USGS 1980	
(C-35-17)21ADD1	SIMPKINS	1917	72	6	5194	12 1958	20.0	5174	USGS 1980	DESTROYED
(C-35-17)21BDA1	SIMPKINS	1950			5203				USGS 1980	
(C-35-17)22BCB1	CASADAS	1900	55	7	5193				USGS 1980	DESTROYED
(C-35-17)22BCB2	CASADAS	1946	162	16	5194	03 1979	86.0	5108	USGS 1980	
(C-35-17)22BCB3	CASADAS	1974	207	16	5194	09 1977	73.0	5121	USGS 1980	
(C-35-17)22BDB1	SANDERS	1945	60	12	5192				USGS 1980	DESTROYED
(C-35-17)22BDB2	SANDERS	1957	25	6	5192				USGS 1980	DESTROYED
(C-35-17)23ACB1	MOYLE	1948	304	16	5175	12 1950	39.0	5136	USGS 1980	DESTROYED
(C-35-17)23ACB2	MOYLE		150	16	5175	05 1937	35.0	5140	USGS 1980	DESTROYED
(C-35-17)24BBB1	ALLEN		150	6	5170	09 1935	35.0	5135	USGS 1980	DESTROYED
(C-35-17)25AAC1	KANE	1915	80	12	5173	05 1937	37.0	5136	USGS 1980	DESTROYED
(C-35-17)25ADA1	KANE	1900	110	48	5168	10 1937	38.0	5130	USGS 1980	DESTROYED
(C-35-17)25CBC1	KANE	1900	32	60	5172	09 1941	39.0	5133	USGS 1980	DESTROYED
(C-35-17)25CDA1	KANE	1934	75		5179	05 1941	37.0	5142	USGS 1980	
(C-35-17)25CDD1	KANE	1900	150	12	5179	06 1958	56.0	5123	USGS 1980	DESTROYED
(C-35-17)25DCA1	GARDNER	1931	80	16	5181	01 1939	37.0	5144	USGS 1980	DESTROYED
(C-35-17)25DCA2	GARDNER	1927	110	12	5182	07 1953	68.0	5114	USGS 1980	DESTROYED
(C-35-17)25DCA3	GARDNER	1926	63	36	5182	03 1947	37.0	5145	USGS 1980	
(C-35-17)25DCA4	GARDNER	1941	75	12	5181	12 1950	46.0	5135	USGS 1980	
(C-35-17)25DCA5	GARDNER	1963	150	6	5182	12 1972	76.0	5106	USGS 1980	
(C-35-17)25DCD1	WILSON	1949	138	14	5180	10 1979	91.0	5089	USGS 1980	
(C-35-17)30ABD1	SANDERS	1916	216	8	5217	03 1978	99.0	5118	USGS 1980	
(C-35-17)36AAA1	WHITELAW	1947	147	6	5177	11 1965	84.0	5093	USGS 1980	
(C-35-17)36ACC1	WHITELAW	1974	174	16	5185	07 1974	112.0	5073	USGS 1980	
(C-35-17)36CAB1	THOMAS	1972	216	8	5192	08 1976	194.0	4998	USGS 1980	
(C-35-17)36CDC1	THOMAS	1973		8	5196				USGS 1980	
(C-35-17)36DCC1	BROWN	1945	200	16	5190	03 1979	100.0	5090	USGS 1980	
(C-35-17)36DCC2	BROWN	1965		6	5191				USGS 1980	
(C-35-18) 1CDD1	THOMAS	1974		8	5249				USGS 1980	
(C-35-18) 3BBB1	THORLEY	1973	216	8	5330	03 1978	195.0	5135	USGS 1980	
(C-35-18)12CBB1	THOMAS	1973	182	8	5262	10 1973	132.0	5130	USGS 1980	
(C-35-18)12CDA1	THOMAS	1972	180	8	5264	06 1972	133.0	5133	USGS 1980	
(C-35-18)12CDB1	THOMAS	1974	184	8	5268				USGS 1980	
(C-35-18)12DBC1	THOMAS	1973	182	8	5264	03 1973	130.0	5134	USGS 1980	
(C-35-18)12DBC2	SCHALLORN	1978	185	6	5262	09 1978	123.0	5139	USGS 1980	
(C-35-18)12DDD1	THOMAS	1972	190	8	5259	06 1972	126.0	5129	USGS 1980	
(C-35-18)29CCC1	THOMAS	1974	278	8	5373	03 1978	229.0	5144	USGS 1980	
(C-35-18)31ADC1	SANDERS	1972	420	6	5419	10 1972	292.0	5127	USGS 1980	
(C-35-18)36CBC1	PEDERSON	1978	248	8	5263				USGS 1980	
(C-35-19)19AAD1	BLM		132	6	5582	03 1933	100.0	5482	USGS 1980	
(C-36-15) 4AAC1	US STEEL CORP.	1950	258	16	5223	12 1958	92.0	5131	USGS 1980	DESTROYED
(C-36-15) 4ACD1	HOLT	1976	400	16	5233	03 1976	114.0	5119	USGS 1980	
(C-36-15) 4BAD1	US STEEL CORP.	1952		16	5222	03 1962	94.0	5128	USGS 1980	DESTROYED
(C-36-15) 4BAD2	US STEEL CORP.	1964	307	16	5222	06 1964	97.0	5125	USGS 1980	DESTROYED
(C-36-15) 4BAD3	US STEEL CORP.	1972	320	16	5222	03 1979	124.0	5098	USGS 1980	
(C-36-15) 4CDC1	US STEEL CORP.	1947	245	18	5249	08 1936	116.0	5133	USGS 1980	DESTROYED
(C-36-15) 4DCC1	US STEEL CORP.	1968	355	16	5249				USGS 1980	
(C-36-15) 4DCC2	US STEEL CORP.	1947	355	16	5249	03 1978	149.0	5100	USGS 1980	
(C-36-15) 5CCC1	JONES BROS.	1941	180	6	5231	10 1979	135.0	5096	USGS 1980	
(C-36-15) 7CDD1	BAR V RANCH	1945			5227	06 1953	104.0	5123	USGS 1980	DESTROYED
(C-36-15) 7CDD2	BAR V RANCH	1972	500		5227	03 1978	124.0	5103	USGS 1980	
(C-36-15) 8ACD1	HOLT	1977	603	16	5253				USGS 1980	
(C-36-15) 8CCA1	TULLIS	1953	250	14	5255	09 1976	155.0	5100	USGS 1980	
(C-36-15) 8CCD1	TULLIS	1924	120		5255				USGS 1980	
(C-36-15) 8CCD2	TULLIS	1953	270	6	5255	04 1953	114.0	5141	USGS 1980	
(C-36-15) 9DAD1	HOLT	1964	300	16	5273				USGS 1980	
(C-36-15) 9DBD1	HOLT	1980	123		5265	09 1941	117.0	5148	USGS 1980	DESTROYED

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo., yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-36-15) 9BCB1	HULET	1977	498	16	5255	04 1977	67.0	5188	USGS 1980	
(C-36-15) 9CDD1	HART	1971	320	16	5290	01 1971	176.0	5114	USGS 1980	
(C-36-15) 9DAC1	TAYLOR	1900	200	6	5283	03 1978	183.0	5100	USGS 1980	
(C-36-15) 9DAC2	TAYLOR	1973	291	8	5284	03 1973	178.0	5106	USGS 1980	
(C-36-15) 9DAC3	TAYLOR	1964	300	16	5285	09 1964	164.0	5121	USGS 1980	
(C-36-15) 9DCC1	BUHL	1972	301	16	5288	11 1972	180.0	5108	USGS 1980	
(C-36-15)11CAB1	BLM	1935	536	6	5308				USGS 1980	
(C-36-15)16BCD1	SULLIVAN	1941	181		5300	12 1941	175.0	5125	USGS 1980	DESTROYED
(C-36-15)16CAB1	BEACHAM	1941	186	6	5317	03 1950	170.0	5147	USGS 1980	DESTOYED
(C-36-15)16DAB1	FORSYTH	1922	74	6	5320				USGS 1980	
(C-36-15)17BBA1	TULLIS	1971	417	16	5256	03 1979	155.0	5101	USGS 1980	
(C-36-15)18ACA1	RIGGS	1919	92	42	5234				USGS 1980	DESTROYED
(C-36-15)18BCC1	BAR V RANCH	1959	336	16	5210	09 1959	78.0	5132	USGS 1980	DESTROYED
(C-36-15)18BCC2	BAR V RANCH	1969	480	16	5210	03 1978	104.0	5106	USGS 1980	
(C-36-15)18BCC3	BAR V RANCH	1972	500	16	5210	03 1978	109.0	5101	USGS 1980	
(C-36-15)18BDA1		1945			5227	03 1979	124.0	5103	USGS 1980	
(C-36-15)18BDD1	BAR V RANCH	1950	233	18	5224	03 1978	120.0	5104	USGS 1980	
(C-36-15)18BDD2	BAR V RANCH	1972	490	16	5224	05 1972	90.0	5134	USGS 1980	
(C-36-15)19ABC1	CHRISTENSEN	1900	62	42	5233				USGS 1980	DESTROYED
(C-36-15)19CCC1		1947			5233	10 1979	133.0	5100	USGS 1980	
(C-36-19)20BAC1	CHRISTENSEN	1921	121	36	5276	10 1946	120.0	5156	USGS 1980	DESTROYED
(C-36-15)20BBC1	CHRISTENSEN	1976	500	16	5262	10 1977	156.0	5106	USGS 1980	
(C-36-15)22CDD1	NEWCASTLE	1945	75	12	5420	05 1950	5.0	5415	USGS 1980	DESTROYED
(C-36-15)27ABB1	NEWCASTLE	1946	66	16	5424	05 1950	5.0	5419	USGS 1980	DESTROYED
(C-36-16) 1DDA	BAR V RANCH	1948	100	5	5211	07 1958	65.0	5146	USGS 1980	
(C-36-16) 1DDD1	BAR V RANCH	1948	200	18	5209	07 1948	76.0	5133	USGS 1980	
(C-36-16) 1L13-1	NEWCASTLE	1977	302	6	5194	03 1977	98.0	5096	USGS 1980	
(C-36-16) 1L13-2	ARCHAMBANEY	1972	180	8	5195	05 1972	86.0	5109	USGS 1980	
(C-36-16) 1L14-1	HALE	1974	180	8	5191	02 1974	92.0	5099	USGS 1980	
(C-36-16) 3CAC1	BAR V RANCH	1949	209	20	5182	05 1978	99.0	5083	USGS 1980	
(C-36-16) 3DDC1	BAR V RANCH	1952	206	20	5189	03 1979	103.0	5086	USGS 1980	
(C-36-16) 3L 9-1	PACIFIC WEST	1942	115	12	5178	10 1979	94.0	5084	USGS 1980	
(C-36-16) 3L11-1	PRICE	1970	160	8	5180	04 1970	79.0	5101	USGS 1980	
(C-36-16) 4ACA1	ANZALONE	1972	200	8	5191	12 1972	106.0	5085	USGS 1980	
(C-36-16) 4BAA1	SEVY	1954	142	6	5192	03 1954	57.0	5135	USGS 1980	
(C-36-16) 4BAA2	THOMAS	1971	170	8	5192	06 1971	97.0	5095	USGS 1980	
(C-36-16) 4BAB1	CROSSROAD EG CO	1959	143	6	5190	04 1959	70.0	5120	USGS 1980	
(C-36-16) 4BAC1	JAMESON	1973	191	8	5195	08 1973	100.0	5095	USGS 1980	
(C-36-16) 4BBB1	HOLT	1952	99	6	5191	06 1952	58.0	5133	USGS 1980	DESTROYED
(C-36-16) 4BCB1	HOLT	1936	100		5198				USGS 1980	DESTROYED
(C-36-16) 4CAA1	WALKER	1971	180	8	5194	03 1971	90.0	5104	USGS 1980	
(C-36-16) 4CAB1	THOMAS	1968	140	8	5196	07 1968	94.0	5102	USGS 1980	
(C-36-16) 4CAB2	THOMAS	1968	150	8	5196	03 1968	87.0	5109	USGS 1980	
(C-36-16) 4CAC1	BAGNE	1973	186	8	5193	02 1973	90.0	5103	USGS 1980	
(C-36-16) 4CAD1	HITT	1973	182	8	5194	07 1973	98.0	5096	USGS 1980	
(C-36-16) 4CDC1	LUND	1912			5198	12 1942	53.0	5145	USGS 1980	DESTROYED
(C-36-16) 4CDC2	LUND	1958	149	6	5200	05 1958	73.0	5127	USGS 1980	
(C-36-16) 4DBD1	SEVY	1950	224	16	5186	09 1950	45.0	5141	USGS 1980	DESTROYED
(C-36-16) 4DBD2	SEVY	1964	300	16	5186	06 1964	79.0	5107	USGS 1980	
(C-36-16) 4L 1-1	WOOD	1961	136	6	5179	10 1961	65.0	5114	USGS 1980	
(C-36-16) 4L 1-2	LAPOMA CO.	1967	186	6	5180	06 1967	87.0	5093	USGS 1980	
(C-36-16) 4L 1-3	FULLER	1970	250	8	5180	08 1970	90.0	5090	USGS 1980	
(C-36-16) 4L 2-1	WOOD	1950	145	6	5181	08 1967	82.0	5099	USGS 1980	
(C-36-16) 4L 2-2	E. S. C. V.	1961	148	10	5181	01 1961	60.0	5121	USGS 1980	
(C-36-16) 4L 3-1	CRAWFORD	1966	158	6	5181	03 1966	83.0	5098	USGS 1980	
(C-36-16) 4L 5-1	HOLT	1946	250	14	5187	04 1978	98.0	5089	USGS 1980	
(C-36-16) 4L 5-2	HOLT	1966	152	6	5186	06 1966	86.0	5100	USGS 1980	
(C-36-16) 4L 6-1	HOLT	1952	121	6	5184	07 1952	57.0	5127	USGS 1980	
(C-36-16) 4L 6-2	HOLT	1952			5185	06 1953	52.0	5133	USGS 1980	
(C-36-16) 4L 7-1	THOMAS	1970	177	8	5192	09 1970	95.0	5097	USGS 1980	
(C-36-16) 4L11-1	THOMAS	1973	178	8	5184	10 1973	90.0	5094	USGS 1980	
(C-36-16) 4L13-1	HOLT	1925	100	12	5190	04 1939	42.0	5148	USGS 1980	DESTROYED
(C-36-16) 4L13-2	HOLT	1940	144	12	5191	09 1941	44.0	5147	USGS 1980	
(C-36-16) 4L14-1	FRAILEY	1947	92	8	5190	03 1947	48.0	5142	USGS 1980	
(C-36-16) 4L14-2	THOMAS	1968	180	8	5190	05 1968	80.0	5110	USGS 1980	
(C-36-16) 4L14-3	HOLT	1954	101	7	5180	03 1954	44.0	5136	USGS 1980	DESTROYED
(C-36-16) 4L15	LACKEY	1947	207	16	5190	10 1962	80.0	5110	USGS 1980	
(C-36-16) 4L15-2	LACKEY	1972	180	8	5190	05 1972	96.0	5094	USGS 1980	
(C-36-16) 4L15-3	ANDERSON	1972	200	8	5191	12 1972	106.0	5085	USGS 1980	
(C-36-16) 5ADA1	HOLT	1900		8	5196	12 1947	52.0	5144	USGS 1980	
(C-36-16) 5ADA2	HOLT	1950			5195				USGS 1980	
(C-36-16) 5ADC1	HOLT	1944	180	12	5197	03 1978	110.0	5087	USGS 1980	
(C-36-16) 5BCD1	HOLT	1977	675	16	5194	03 1978	105.0	5089	USGS 1980	
(C-36-16) 5BDD1	HOLT	1943	150	12	5197	03 1960	76.0	5121	USGS 1980	
(C-36-16) 5BDD2	HOLT	1959	353	16	5198	03 1978	109.0	5089	USGS 1980	
(C-36-16) 8CAD1	HOLT	1943	160	12	5200	10 1943	52.0	5148	USGS 1980	DESTROYED
(C-36-16) 8CAD2	HOLT	1960	300	16	5200	03 1978	114.0	5086	USGS 1980	
(C-36-16) 8DAC1	HOLT	1977	726	16	5198	03 1978	108.0	5090	USGS 1980	
(C-36-16) 8DDC1	HOLT	1963	298	16	5203	01 1978	117.0	5086	USGS 1980	DESTROYED
(C-36-16) 9L 1-1	GARDNER	1945	200	12	5183	03 1978	95.0	5088	USGS 1980	
(C-36-16) 9L 1-2	GARDNER	1963	179	8	5183	07 1963	81.0	5102	USGS 1980	
(C-36-16) 9L 5-1	HARKER	1948	210	16	5190	12 1954	60.0	5130	USGS 1980	
(C-36-16) 9L 9-1	HUNT	1915			5188				USGS 1980	DESTROYED
(C-36-16) 9L 9-2	HUNT	1941	140	12	5188	03 1943	44.0	5144	USGS 1980	

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above msl)	DATE OF MEASUREMENT (mo yr)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above msl)	REFERENCES	REMARKS
(C-36-16) 5L 9-3	HUNT	1962	161	6	5188	07 1962	85.0	5103	USGS 1980	
(C-36-16) 5L10-1	HUNT	1926	112		5187				USGS 1980	DESTROYED
(C-36-16) 5L11-1	HARKER	1943	156	12	5189	12 1953	52.0	5137	USGS 1980	
(C-36-16) 5L11-2	HARKER	1967	347	16	5189	04 1978	98.0	5091	USGS 1980	
(C-36-16) 5L14-1	HARKER	1966	156	6	5191	04 1966	87.0	5104	USGS 1980	
(C-36-16) 5L13-1	WILSON	1940	140	12	5191	07 1969	96.0	5095	USGS 1980	
(C-36-16) 5L13-2	WILSON			16	5191	04 1978	03.0	5088	USGS 1980	
(C-36-16) 5L16-1	WILSON	1914	150	8	5191	03 1943	44.0	5147	USGS 1980	DESTROYED
(C-36-16) 5L16-2	WILSON	1916	44		5188				USGS 1980	DESTROYED
(C-36-16) 5L16-3	WILSON	1926	112		5188	05 1937	41.0	5147	USGS 1980	DESTROYED
(C-36-16) 5L16-4	WILSON	1959	154	6	5191	04 1959	70.0	5121	USGS 1980	
(C-36-16) 6CAC1	HOLT	1951	200	16	5205	11 1952	72.0	5133	USGS 1980	
(C-36-16) 6CBC1	HOLT	1951	270	16	5210	03 1979	124.0	5086	USGS 1980	
(C-36-16) 6L 8-1	HOLT	1959	299	16	5191	07 1969	92.0	5099	USGS 1980	
(C-36-16) 6L13-1	HOLT	1951	288	16	5200	08 1969	118.0	5082	USGS 1980	
(C-36-16) 6L14-1	HOLT	1951	290	16	5200	03 1961	81.0	5119	USGS 1980	
(C-36-16) 6L14-2	HOLT	1964	266	6	5197	03 1964	85.0	5112	USGS 1980	
(C-36-16) 7DCA1	HOLT	1978			5210	04 1978	114.0	5096	USGS 1980	
(C-36-16) 8AAC1	RANDALL BROS.	1973	430	16	5204	04 1978	112.0	5092	USGS 1980	
(C-36-16) 8BBD1	RANDALL BROS.	1973	332	16	5207	04 1973	109.0	5098	USGS 1980	
(C-36-16) 8CBA1	RANDALL BROS.	1969	405	16	5213	05 1969	107.0	5106	USGS 1980	
(C-36-16) 8DCC1	FARNSWORTH	1962	300	16	5206	05 1962	89.0	5117	USGS 1980	
(C-36-16) 8DDD1	FARNSWORTH	1900	64	8	5203	10 1948	61.0	5142	USGS 1980	
(C-36-16) 9ACD1	HOLT	1946	214	14	5196	06 1946	52.0	5144	USGS 1980	DESTROYED
(C-36-16) 9ACD2	COX		214		5200				USGS 1980	
(C-36-16) 9ADC1	MATHIAS	1958	142	6	5196	03 1958	68.0	5128	USGS 1980	
(C-36-16) 9ADC2	HOLT	1976	650	16	5196				USGS 1980	
(C-36-16) 9BBA1	HOLT	1964	216	6	5206	10 1964	102.0	5104	USGS 1980	DESTROYED
(C-36-16) 9BBA2	HOLT	1973	160	8	5206	08 1973	116.0	5090	USGS 1980	
(C-36-16) 9BDC1	BERRY	1945	272	14	5196	03 1979	109.0	5087	USGS 1980	
(C-36-16) 9CCB1	HOLT	1978	683	16	5201	03 1978	108.0	5093	USGS 1980	
(C-36-16) 9CCC1	HOLT	1959	298	16	5203	06 1959	81.0	5122	USGS 1980	DESTROYED
(C-36-16) 9CCC2	HOLT	1971	336	16	5203	07 1971	114.0	5089	USGS 1980	
(C-36-16) 9DCC1	HOLT	1959	299	16	5200	09 1959	86.0	5114	USGS 1980	
(C-36-16) 9DDA1	BRACKEN	1973	141	8	5152	10 1973	67.0	5085	USGS 1980	
(C-36-16)10BBD1	GENTRY	1945	290	14	5192	12 1953	58.0	5134	USGS 1980	
(C-36-16)10BBD2	GENTRY	1975	305	16	5192	03 1975	90.0	5102	USGS 1980	
(C-36-16)10BCC1	GENTRY	1955	148	6	5195	04 1968	90.0	5105	USGS 1980	
(C-36-16)10BDC1	GENTRY	1947	340	14	5196	02 1947	48.0	5148	USGS 1980	DESTROYED
(C-36-16)11BBC1	BAR V RANCH				5190	04 1978	98.0	5092	USGS 1980	
(C-36-16)11CAA1	BAR V RANCH	1950	210	20	5190	03 1979	99.0	5091	USGS 1980	
(C-36-16)11CDD1	BAR V RANCH	1952	214	20	5196	10 1977	103.0	5093	USGS 1980	DESTROYED
(C-36-16)12BDD1	BAR V RANCH	1950	395	14	5198	05 1978	105.0	5093	USGS 1980	
(C-36-16)13DDC1	CHRISTENSEN	1950	403	16	5218	03 1978	110.0	5108	USGS 1980	
(C-36-16)15CDD1	JONES BROS.		200		5213				USGS 1980	
(C-36-16)16ACC1	GARDNER	1963	298	16	5206	06 1963	92.0	5114	USGS 1980	
(C-36-16)16BCC1	GARDNER				5208				USGS 1980	DESTROYED
(C-36-16)16BCC2	GARDNER	1963	190	8	5208	12 1963	88.0	5120	USGS 1980	
(C-36-16)16BCC3	GARDNER	1959	300	16	5208	08 1959	88.0	5120	USGS 1980	
(C-36-16)16CCC1	GARDNER	1958	346	16	5215	05 1958	85.0	5130	USGS 1980	
(C-36-16)16DCD1	JONES BROS.	1913			5211				USGS 1980	DESTROYED
(C-36-16)16DDA1	JONES BROS.	1920	68	48	5208	03 1931	66.0	5142	USGS 1980	DESTROYED
(C-36-16)16DDA2	JONES BROS.	1925	70	8	5208	12 1942	57.0	5151	USGS 1980	DESTROYED
(C-36-16)17CBB1	FARNSWORTH	1967	370	16	5224	08 1969	128.0	5096	USGS 1980	
(C-36-16)17CBD1	HOLT	1972	400	16	5218	03 1972	116.0	5102	USGS 1980	
(C-36-16)17DBB1	HUMPHRIES	1948	404	16	5210	07 1952	89.0	5121	USGS 1980	
(C-36-16)18AAC1	HOLT	1971	330	16	5220	05 1971	112.0	5108	USGS 1980	
(C-36-16)19ABB1	JONES	1945	352	16	5226	03 1979	139.0	5087	USGS 1980	
(C-36-16)19ABC1	JONES	1974	302	16	5230				USGS 1980	
(C-36-16)19CAA1	BRACKEN	1912	102	8	5233	12 1954	97.0	5136	USGS 1980	DESTROYED
(C-36-16)20ABB1	BOWLER	1948	400	16	5219	10 1962	96.0	5123	USGS 1980	
(C-36-16)20ABB2	HOLT	1975	200	8	5219	08 1975	148.0	5071	USGS 1980	
(C-36-16)20BCC1	JONES BROS.	1967	307	16	5228	04 1978	137.0	5091	USGS 1980	
(C-36-16)20DBB1	GARDNER	1948	400	16	5225	04 1978	135.0	5090	USGS 1980	
(C-36-16)20DCC1	TWITCHELL	1965	340	16	5230	04 1978	140.0	5090	USGS 1980	
(C-36-16)21ABB1	JONES BROS.	1945	351	16	5215				USGS 1980	
(C-36-16)21BCC1	JONES BROS.	1959	335	16	5222	03 1959	92.0	5130	USGS 1980	
(C-36-16)21CAB1	TERRY	1914	95		5226				USGS 1980	DESTROYED
(C-36-16)21CCC1	TERRY	1974	217	8	5228	08 1974	148.0	5080	USGS 1980	
(C-36-16)21CDD1	TERRY	1945	254	10	5233	02 1961	111.0	5122	USGS 1980	DESTROYED
(C-36-16)21CDD2	TERRY	1966	403	16	5233	08 1966	130.0	5103	USGS 1980	
(C-36-16)21DBA1	TERRY	1900	68	42	5222				USGS 1980	DESTROYED
(C-36-16)22BAA	JONES BROS.	1917	79	42	5214	12 1942	62.0	5152	USGS 1980	DESTROYED
(C-36-16)22BAA2	JONES BROS.	1948	200	10	5214		64.0	5150	USGS 1980	
(C-36-16)23DDD1	SEVY	1940	130	6	5256	12 1955	104.0	5152	USGS 1980	DESTROYED
(C-36-16)23DDD2	SEVY	1968	197	6	5252	04 1978	144.0	5108	USGS 1980	
(C-36-16)27ADD1	HOLT	1976	600	16	5252	03 1978	158.0	5094	USGS 1980	
(C-36-16)27CDC1	HUNT	1950	344	16	5281	03 1979	192.0	5089	USGS 1980	
(C-36-16)27DCD1	HOLT	1919	125	14	5277				USGS 1980	DESTROYED
(C-36-16)27DCD2	HOLT	1936	157	10	5276	07 1937	153.0	5123	USGS 1980	
(C-36-16)28BDB1	HOLT	1977	700	28	5236	02 1977	146.0	5090	USGS 1980	
(C-36-16)29ACD1	GARDNER	1966	350	16	5236	04 1978	145.0	5091	USGS 1980	
(C-36-16)29BAB1	BOWLER	1947	400	16	5232	04 1978	131.0	5101	USGS 1980	
(C-36-16)29CDC1	STANELI	1967	330	16	5244	10 1967	140.0	5104	USGS 1980	

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. - yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-36-16)29DAA1	GARDNER	1945	380	16	5233	03 1979	150.0	5083	USGS 1980	
(C-36-16)30AAB1	RANDALL	1946	400	16	5233	03 1978	145.0	5088	USGS 1980	
(C-36-16)30BAB1	BRACKEN	1946	401	12	5238	03 1974	133.0	5105	USGS 1980	
(C-36-16)30CAB1	BRACKEN	1945	380	16	5248	07 1953	128.0	5120	USGS 1980	
(C-36-16)30CCC1	BRACKEN	1945	400	10	5257	04 1945	97.0	5160	USGS 1980	DESTROYED
(C-36-16)30CCC2	BRACKEN	1958	300	16	5256	03 1974	147.0	5109	USGS 1980	
(C-36-16)30DAB1	BOWLER	1945	392	16	5242	07 1953	129.0	5113	USGS 1980	
(C-36-16)31ABA1	FARNSWORTH	1945	349	16	5250	10 1952	112.0	5138	USGS 1980	
(C-36-16)31ABD1	STAHELI	1942	400	12	5254				USGS 1980	
(C-36-16)31ABD2	STAHELI	1977	685	16	5254	06 1977	174.0	5080	USGS 1980	
(C-36-16)31ACA1	STAHELI	1949	207	8	5255	03 1949	100.0	5155	USGS 1980	
(C-36-16)31ACC1	RANDALL	1941	398	16	5256	03 1979	165.0	5091	USGS 1980	
(C-36-16)31ADD1	STAHELI	1945	380	16	5254	03 1957	118.0	5136	USGS 1980	
(C-36-16)31BAB1	RANDALL	1945	419	12	5255	01 1945	88.0	5167	USGS 1980	
(C-36-16)31CCC1	HOLT	1947	222	14	5271	03 1974	158.0	5113	USGS 1980	
(C-36-16)31CDC1	RANDALL	1949	393	16	5268	03 1974	155.0	5113	USGS 1980	
(C-36-16)31DDC1	RANDALL	1915	120	8	5263	06 1937	106.0	5157	USGS 1980	
(C-36-16)32AAA1	GARDNER	1945	400	16	5250	07 1953	170.0	5080	USGS 1980	
(C-36-16)32AAA2	GARDNER				5250				USGS 1980	
(C-36-16)32AAA3	GARDNER	1960	408	16	5249	06 1960	123.0	5126	USGS 1980	
(C-36-16)32ACC1	B AND J ENT.	1971	225	8	5232	02 1971	145.0	5087	USGS 1980	
(C-36-16)32ADD1	CLOVE	1946	400	16	5262	11 1952	123.0	5139	USGS 1980	
(C-36-16)32CAC1	KALTONBORN	1974	397	14	5256				USGS 1980	
(C-36-16)32CCB1	SANDERS	1919	120	4	5258				USGS 1980	DESTROYED
(C-36-16)32CCC1	SANDERS	1917	110	8	5257				USGS 1980	DESTROYED
(C-36-16)32DCD1	SHACKELFORD	1948	156	16	5279				USGS 1980	DESTROYED
(C-36-16)32DDD1	HANSEN	1941	150	8	5280	06 1952	137.0	5143	USGS 1980	DESTROYED
(C-36-16)33ABC1	HUNT	1955	415	14	5272	12 1955	141.0	5131	USGS 1980	
(C-36-16)33BDD1					5200				USGS 1980	
(C-36-16)9L10-2	HUNT	1962	254	16	5187	04 1978	101.0	5086	USGS 1980	
(C-36-17) 1CCC	BLM	1920	74	48	5219	05 1942	69.0	5150	USGS 1980	DESTROYED
(C-36-17) 1CCC2	BLM	1974	170	8	5219	04 1977	127.0	5092	USGS 1980	
(C-36-17)14ACC	DEVOE	1900	138	48	5280	07 1978	138.0	5142	USGS 1980	DESTROYED
(C-36-17)29DDC	LDS	1954	247		5260	03 1974	142.0	5118	USGS 1980	
(C-36-17)36AAD	BRACKEN	1973	363	16	5262	03 1974	150.0	5112	USGS 1980	
(C-36-17)36ADD	BRACKEN	1945	422	14	5266	09 1978	178.0	5088	USGS 1980	
(C-36-17)36DBB	BRACKEN	1945	138	14	5280	03 1963	154.0	5126	USGS 1980	DESTROYED
(C-36-17)36DBB2	BRACKEN	1964	256	6	5277	02 1964	154.0	5123	USGS 1980	
(C-36-17)36DDA1	BRACKEN	1966	300	16	5273	03 1974	156.0	5117	USGS 1980	
(C-36-17)36DDB1	BRACKEN	1948	382	14	5272	03 1978	175.0	5097	USGS 1980	
(C-36-18) ZL 2-1	SEVY	1972	181	10	5280	10 1972	150.0	5130	USGS 1980	
(C-36-18)31DCD	TERRY	1977	60	6	5440	06 1977	10.0	5430	USGS 1980	
(C-36-19) 2ADD1	SEVY	1972			5925				USGS 1980	
(C-36-19) 2ADD2	SEVY	1976	380	6	5925	06 1976	320.0	5605	USGS 1980	
(C-37-14) 2BAA1	US STEEL CORP.		350		6445				USGS 1980	
(C-37-14) 8ABD1	LAMB	1971	553	12	5930				USGS 1980	
(C-37-15)34ABC1	HARRISON	1874	125		6048				USGS 1980	
(C-37-15)34ABD1	MC ARTHUR	1971	95	6	6078	08 1971	18.0	6060	USGS 1980	
(C-37-15)34ADC1	HAFEN	1888	88	8	6065	09 1971	18.0	6047	USGS 1980	
(C-37-16) 4BDD1	GARDNER	1976	500	16	5325	03 1979	235.0	5090	USGS 1980	
(C-37-16) 4CCC1	GILLIAM	1966	261	6	5348	09 1966	182.0	5166	USGS 1980	
(C-37-16) 6CCC1	ADAMS	1944	200	16	5285	03 1979	107.0	5178	USGS 1980	
(C-37-16) 7ADA1	BOWLER	1960	207	8	5315	04 1961	160.0	5155	USGS 1980	
(C-37-16) 7DBC1	MOORE	1971	210	8	5344	08 1971	150.0	5194	USGS 1980	
(C-37-16)32CDB1	TERRY	1976	550	10	6100	12 1976	95.0	6005	USGS 1980	
(C-37-17) 1ACD1	BARLOW	1974	302	16	5282	03 1974	82.0	5200	USGS 1980	
(C-37-17)12ACC1	BARLOW		320		5282				USGS 1980	
(C-37-17)12BDC1	PICKERING	1941	73	14	5300	03 1979	14.0	5286	USGS 1980	
(C-37-17)12BDC2	PICKERING	1977	290	16	5300				USGS 1980	
(C-37-17)14AAD1	DAY	1928	42		5318				USGS 1980	DESTROYED
(C-37-17)14ABD1	ENTERPRISE	1928	130	10	5324	09 1941	26.0	5298	USGS 1980	DESTROYED
(C-37-17)14ABD2	ENTERPRISE	1977	350	12	5323	09 1977	41.0	5282	USGS 1980	
(C-37-17)14ADC1	WASHINGTON CO.	1934	60	48	5326	09 1960	51.0	5275	USGS 1980	DESTROYED
(C-37-17)14BAC1	BUSHAR	1944	100	14	5325	03 1979	18.0	5307	USGS 1980	
(C-37-17)14DCD1	BOWLER	1931	98		5365				USGS 1980	DESTROYED
(C-37-17)14DCD3	BOWLER	1974	142	16	5358				USGS 1980	
(C-37-17)31CCD1	TRUMAN		483		5290	10 1962	90.0	5200	USGS 1980	

Beryl-Enterprise Area, Utah
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RECORDS OF SPRINGS

LOCATION	STATION NAME	DATE OF MEASUREMENT (mo. — yr.)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DISCHARGE (GPM)	REFERENCE	REMARKS
(C-31-14)29BBD	PARAMORE	11 1980	5560	6.0	USGS 80/ERTEC 81	
(C-31-15)23ADB	FLINT		6190		USGS 1980	
(C-31-15)25CDA	BRUSH PATCH		6385		USGS 1980	
(C-31-15)25DCA	MARSDEN	11 1980	6120		USGS 80/ERTEC 81	
(C-31-15)32ACA	SAND	7 1976	5875	0.1	USGS 1980	
(C-31-15)32ADC			5938		USGS 1980	
(C-31-15)34ADA	TRAP		6215		USGS 1980	
(C-31-16)33DBB	MEADOW	8 1976	5800	50.0	USGS 1980	ESTIMATED
(C-31-17)17ACA	LE ROY		7300		USGS 1980	
(C-31-17)19ACB	SUMMIT		7450		USGS 1980	
(C-31-17)21AAA	BUTCHER		6940		USGS 1980	
(C-31-17)21AAD			6940		USGS 1980	
(C-31-17)29AAA	BULL		7000		USGS 1980	
(C-31-17)33DBC	TYPHOID		6580		USGS 1980	
(C-32-14)15DAA	SULPHUR	11 1980	5084	1.0	USGS 80/ERTEC 81	ESTIMATED
(C-32-15) 2CCC	ROOT		5940		USGS 1980	
(C-32-15) 2DBC	ROSENBERG		6015		USGS 1980	
(C-32-15) 6AAD	FOURMILE		5760		USGS 1980	
(C-32-15) 7BAC	JENSEN	8 1976	5715	0.5	USGS 1980	
(C-32-16) 3BCD		8 1976	5710	0.1	USGS 1980	
(C-32-16) 3DDC	POLLYWOG	8 1976	5670	5.0	USGS 1980	ESTIMATED
(C-32-16) 4DDD	LITTLE MEADOW		5738		USGS 1980	
(C-32-16) 8BDC		8 1976	5980		USGS 1980	
(C-32-16) 8CDA	BIBLE	8 1976	6090	2.0	USGS 1980	
(C-32-16)12BCC	MOUNTAIN	8 1976	5730	5.0	USGS 1980	ESTIMATED
(C-32-16)29ADC	CHRISTMAS	8 1976	5850	0.1	USGS 1980	
(C-32-16)29ADD	CULVER		5805		USGS 1980	
(C-32-16)31BDB	LITTLE	8 1976	5735	0.1	USGS 1980	
(C-32-17)19DDA		8 1976	6070		USGS 1980	
(C-32-17)19DDB	NORTH TROUGH	8 1976	6125	5.0	USGS 1980	
(C-32-17)20BCB	MUSTANG	8 1976	6145	1.0	USGS 1980	ESTIMATED
(C-32-17)21CAA	PACE NORTH		6155		USGS 1980	
(C-32-17)30ABC	SMITH		6150		USGS 1980	
(C-32-17)36ABB	WOOLEY	8 1976	5755	0.8	USGS 1980	
(C-33-18) 9DCD			6150		USGS 1980	
(C-33-18)10DCC	ADAMS		6210		USGS 1980	
(C-33-18)11ACC	TROUGH NO. 1		6260		USGS 1980	
(C-33-17)11BAD	UPPER TROUGH	8 1976	6350	3.0	USGS 1980	ESTIMATED
(C-33-18)11BDC			6320		USGS 1980	
(C-33-18)14ACA	TROUGH NO. 2		5880		USGS 1980	
(C-33-18)14DBA	LOWER TROUGH	8 1976	5790	2.0	USGS 1980	ESTIMATED
(C-33-18)31ACD	EIGHTMILE	8 1976	5890	2.0	USGS 1980	ESTIMATED
(C-33-19) 8CBB	PARADISE		7270		USGS 1980	
(C-33-19)19DBB			7310		USGS 1980	
(C-33-19)20BDC			7240		USGS 1980	
(C-33-19)26BDC		8 1976	6170	0.5	USGS 1980	
(C-33-19)30AAD	SAWMILL		7150		USGS 1980	
(C-33-19)35ABB		8 1976	6085	10.0	USGS 1980	ESTIMATED
(C-33-20)13BCD	SAWMILL		7255		USGS 1980	
(C-33-20)13CCC			7100		USGS 1980	
(C-33-20)13DDD	COTTONWOOD		7215		USGS 1980	
(C-33-20)13DCC	COTTONWOOD		7215		USGS 1980	
(C-33-20)25DCA	GOLD		6740		USGS 1980	
(C-34-18) 3BBB	CAMPSITE		5730		USGS 1980	
(C-34-19) 2CDA		8 1976	5988	0.1	USGS 1980	
(C-34-19) 6DDD	MUD		6465		USGS 1980	
(C-34-19) 8BBD			6405		USGS 1980	
(C-34-19) 9ACA			6365		USGS 1980	
(C-34-19)11ABB		8 1976	5930	75.0	USGS 1980	ESTIMATED

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RECORDS OF SPRINGS

LOCATION	STATION NAME	DATE OF MEASUREMENT (mo. – yr.)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DISCHARGE (GPM)	REFERENCE	REMARKS
(C-34-19)11BAA	HOUSE	8 1976	5915	3.0	USGS 1980	ESTIMATED
(C-34-19)11DBC	DESERT CANYON	8 1976	5860	5.0	USGS 1980	ESTIMATED
(C-34-19)12DDB	GNAT	8 1976	5945		USGS 1980	
(C-34-19)23DBB	DESERT	8 1976	5655	5.0	USGS 1980	ESTIMATED
(C-34-20) 1CAB	PIKE-NEWELS		6410		USGS 1980	
(C-35-15)24ACB		9 1977	5583	0.3	USGS 1980	
(C-36-13)31AAB	OAK		6360		USGS 1980	
(C-36-14)16CBA	JOEL		6095		USGS 1980	
(C-36-14)21CAA	ALBERT		5955		USGS 1980	
(C-36-14)24ACD	RADDATZ		6490		USGS 1980	
(C-36-14)26BBD			6415		USGS 1980	
(C-36-14)30DDB	DRY WASH		5700		USGS 1980	
(C-36-14)36DDC	CRYSTAL		6595		USGS 1980	
(C-36-15)27BBC	GARDNER		5580		USGS 1980	
(C-36-15)35CDC	HAYFIELD		5620		USGS 1980	
(C-36-18)31BCD		7 1978	5710	20.0	USGS 1980	ESTIMATED
(C-36-18)31DDC	HOUSE		5660		USGS 1980	
(C-36-19)25CAD	NEPHI		5718		USGS 1980	
(C-37-15)16DBD	PLATT		6065		USGS 1980	
(C-37-15)17BBB	OAK		6550		USGS 1980	
(C-37-15)26ABC	COVE		6085		USGS 1980	
(C-37-16)10CDC			5930		USGS 1980	
(C-37-16)19CBD		9 1977	5435	0.1	USGS 1980	ESTIMATED
(C-37-16)25BCA		7 1978	5865	2.0	USGS 1980	
(C-37-16)25BCB			5845	0.5	USGS 1980	
(C-37-16)26AAD		7 1978	5845	5.0	USGS 1980	ESTIMATED
(C-37-16)27BCD		9 1977	5675		USGS 1980	
(C-37-16)30CCC	WILLOW		5700		USGS 1980	
(C-37-16)30DDA	ROSE	9 1977	5745	0.1	USGS 1980	
(C-37-16)32AAC	CLIFF		6050		USGS 1980	
(C-37-16)32DCB	MUD		6395		USGS 1980	
(C-37-17)17DAD		7 1978	5395	10.0	USGS 1980	ESTIMATED
(C-37-17)17DDA		7 1978	5395	15.0	USGS 1980	ESTIMATED
(C-37-17)26BCC	PENDLETON		5460		USGS 1980	
(C-37-17)27DAB		7 1978	5490	0.1	USGS 1980	
(C-37-17)29BDA	CONVICT		6000		USGS 1980	
(C-37-17)35AAA		7 1978	5515	3.0	USGS 1980	
(C-37-18) 1CCB	FISH WEST		5570		USGS 1980	
(C-37-18) 4CBB	HOUSE EAST	7 1978	5600	1.0	USGS 1980	ESTIMATED
(C-37-18) 4CDA	HUNT		5600		USGS 1980	
(C-37-18) 8BBB	TERRY	7 1978	5785	110.0	USGS 1980	
(C-37-18) 9BAB	LAUB		5740		USGS 1980	
(C-37-18)22BBB	WILLOW		5780		USGS 1980	
(C-38-16) 2ADA	LONE	7 1978	5915	2.0	USGS 1980	ESTIMATED
(C-38-16) 6DAA	TWIN		6370		USGS 1980	
(C-38-17) 1BCC	BULLRUSH	7 1978	5740	3.0	USGS 1980	ESTIMATED
(C-38-17) 1CCC	TOM	7 1978	5900	3.0	USGS 1980	
(C-38-17) 4ABD	CALF MEADOW		5790		USGS 1980	
(C-38-17) 4ACB	WEST CALF	7 1978	5790	200.0	USGS 1980	ESTIMATED
(C-38-17)12CAA	SHINBONE		6100		USGS 1980	
(C-38-18) 5CCC			5995		USGS 1980	
(C-38-18) 9CDB	DAD'S		5900		USGS 1980	
(C-38-18) 6CDA	RATTLESNAKE		6162		USGS 1980	
(C-38-18)14BDC		7 1978	6010	4.0	USGS 1980	ESTIMATED

Beryl-Enterprise Area, Utah

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. – yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-33-15) 7ccc	LDS Church	1953	200	8	5241	11-80	128	5113	1,2	
(C-33-15) 12ddd	Steele	1976	15	2	5112	11-80	13	5099	1,2	
(C-33-16) 10ccc	Cal. Home	1976	208	8	5227	11-80	96	5131	1,2	
(C-33-16) 11cdc	Lehi Wood	1915	119	6	5214	11-80	105	5109	1,2	W.Q.
(C-33-16) 26aba	Tucker	1975	154	4	5168	11-80	57	5111	1,2	
(C-33-16) 30aac	Mackelprang	1949	150	14	5200	11-80	67	5133	1,2	
(C-33-17) 11cbc	U.S. Air Force	1981	160	2	5460(e)	2-81	Dry	-	1	
(C-33-17) 20cbb	Hart	1951	230	8	5355	12-80	186	5169	1,2	
(C-33-17) 21dda	U.S. Air Force	1981	162	2	5330(e)	2-81	Dry	-	1	
(C-33-17) 25add	Larsen	1967	150	8	5195	11-80	64	5131	1,2	W.Q.
(C-33-17) 24dda	Mackelprang	1925	95	42	5233	11-80	Dry	-	1,2	
(C-33-17) 26dcd	Hart	1915	86	7	5208	12-80	78	5130	1,2	W.Q.
(C-33-17) 31baa	Hart	1900	110	-	5300	12-80	Dry	-	1,2	Well destroyed
(C-33-18) 25aaa	U.S. Air Force	1981	101	2	5400(e)	2-81	Dry	-	1	
(C-34-13) 8abd	-	1977	242	8	5211	12-80	81	5130	1,2	
(C-34-14) 2cbd	Jones	1977	149	6	5167	12-80	59	5108	1,2	
(C-34-14) 29acb	Utah State	1976	39	2	5141	12-80	33	5108	1,2	
(C-34-15) 16ccc	McGarry	1939	-	14	5117	12-80	18	5099	1,2	
(C-34-16) 17acd	Zeller	1914	20	10	5129	12-80	Dry	-	1,2	Well abandoned
(C-34-16) 22bad	McCulloch	1976	-	8	5127	12-80	27	5100	1,2	
(C-34-17) 1aba	McGarry	1922	100	12	5163	12-80	34	5129	1,2	
(C-34-17) 5ccb	Holt	1915	150	-	5199	12-80	66	5133	1,2	W.Q.
(C-34-17) 9ddd	Prout	1924	100	8	5167	12-80	40	5127	1,2	
(C-34-17) 24add	Thomas	1974	180	8	5140	12-80	32	5108	1,2	W.Q.
(C-34-17) 31bca	Holt	1980	-	15	5195(e)	12-80	94	5101	1	
(C-34-17) 32bbd	Holt	1980	-	15	5230(e)	12-80	84	5146	1	
(C-34-18) 11acc	Holt	1978	225	8	5275	12-80	145	5130	1,2	W.Q.
(C-34-18) 32ccd	-	1980	312	8	5390(e)	12-80	254	5136	1	

Beryl-Enterprise Area, Utah

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. – yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-34-18) 34ccc	Thorley	1959	207	6	5331	12-80	196	5135	1,2	W.Q.
(C-35-13) 4aaa	Hunter	1940	250	8	5326	12-80	186	5140	1,2	
(C-35-15) 20bcd	BLM	-	162	12	5159	12-80	56	5103	1,2	
(C-35-15) 28bdc	Evan	1955	264	16	5174	12-80	75	5099	1,2	W.Q.
(C-35-16) 6dbc	Buhl	1955	208	16	5151	12-80	56	5095	1,2	
(C-35-16) 9dac	Woods	-	-	-	5152	12-80	62	5090	1,2	
(C-35-16) 17aba	Hunt	1944	-	6	5151	12-80	61	5090	1,2	
(C-35-17) 7dbd	Woods	-	-	16	5260	12-80	110	5150	1	
(C-35-18) 31adc	Sanders	1972	420	6	5419	12-80	276	5143	1,2	
(C-36-16) 6L8	Holt	1959	299	16	5191	12-80	102	5089	1,2	
(C-36-16) 6cbc	Holt	1951	270	16	5210	12-80	120	5090	1,2	
(C-36-16) 17dbb	Humphries	1948	404	16	5210	12-80	121	5089	1,2	
(C-36-16) 22baa	Jones	1948	200	10	5214	12-80	Dry	-	1,2	dry @64'
(C-36-17) 1ccc	BLM	1974	170	8	5219	12-80	122	5097	1,2	

1. Ertec Western, 1981
2. U.S.G.S., 1980

(e) - Estimated
W.Q.- Water quality sample obtained by Ertec Western

Big Smoky Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
7N/42E-31AD	BERTOLINO RANCH	1948	93	14	6100	6/1948	17	6083		RUSH ET AL 70
8N/39E-1331	CLOVERDALE RANCH	1950	42		5680	/1950	25	5655		RUSH ET AL 70
8N/39E-1352	CLOVERDALE RANCH	1950	36	14	5630	/1950	15	5665		RUSH ET AL 70
8N/42E-16 1		1940	100	6	5840	1/1940	38	5802		THORDARSON ET AL 71
8N/42E-16 2		1940	126	18	5845	3/1940	44	5801		THORDARSON ET AL 71
8N/42E-18	PEAVINE RANCH	1949	55	6	6400	4/1949	35	6365		THORDARSON ET AL 71
8N/43E-15D					6475	/1917	40	6435	PRE-1917 MEAS.	THORDARSON ET AL 71
8N/43E-21A			90		6220	9/1913	85	6135		THORDARSON ET AL 71
8N/43E-23A					6580	/1917	35	6545	PRE-1917 MEAS.	THORDARSON ET AL 71
7N/40E-27CB	HALTON	1964	300	14	5115	/1964	96	5019		USGS 79
7N/40E-27DC	HALTON	1964	300	14	5115	9/1968	86	5029		RUSH ET AL 70
7N/40E-28AD	JK RANCH	1964	550	14	5130	/1964	100	5030		USGS 79
7N/40E-28CB	TANNER	1964	300	14	5140	/1964	97	5043		USGS 79
7N/40E-30A	STEPHENS	1949	133	6	5180	/1949	78	5102		USGS 79
7N/40E-35B	WEBB	1958	420		5100	3/1958	90	5010		THORDARSON ET AL 71
7N/40E-35CCC	SMOKY V.WATER CO	1958	1420	8	5088	9/1968	90	4998		USGS 79
7N/42E-15	PEAVINE RANCH	1949	240	8	5600	3/1949	180	5420		THORDARSON ET AL 71
7N/42E-17C7	SAN ANTONIO RANC	1949	84	14	5400	/1949	12	5388		RUSH ET AL 70
7N/42E-19 10	SAN ANTONIO RANC	1949	100	14	5400	6/1949	F	> 5400	FLOWING WELL	USGS 79
7N/42E-19 8	SAN ANTONIO RANC	1949	36	14	5400	5/1949	F	> 5400	FLOWING WELL	ROBINSON ET AL 67
7N/42E-19DC	SAN ANTONIO RANC	1949	30	14	5390	9/1979	15	5365		ERTEC 79/NVSEO
7N/42E-33AA	SAN ANTONIO RANC	1949	240	8	5617	/1949	180	5437		USGS 79
6N/40E-12CB	MC LAUGHLIN	1962	415	16	5075	2/1962	97	4978		THORDARSON ET AL 71
6N/40E-12DA		1961	282	16	5090	12/1961	91	4999		THORDARSON ET AL 71
6N/40E-13AA1	MC LAUGHLIN	1965	480	14	5080	8/1965	78	5002		RUSH ET AL 70
6N/40E-13AA2	IONE IRR. DIST.	1962	387	16	5080	3/1962	80	5000		THORDARSON ET AL 71
6N/40E-13ADC	JACKSON	1963	350	12	5070	8/1979	85	4985		ERTEC 79/NVSEO
6N/40E-13ADD					5070	9/1979	92	4978		ERTEC 79/NVSEO
6N/40E-24AA	JACKSON	1963	350	12	5060	4/1979	87	4973		ERTEC 79/NVSEO
6N/40E-34CBB					5000	4/1979	178	4822		ERTEC 79/NVSEO
6N/40E-34CBD			40		5000	4/1979	--		DRY WELL	ERTEC 79/NVSEO
6N/40E-34CD					4990	4/1979	171	4819		ERTEC 79/NVSEO
6N/40E-34DB					4990	4/1979	169	4821		ERTEC 79/NVSEO
6N/40E-36C					4999	4/1979	96	4903		ERTEC 79/NVSEO
6N/41E- 7BAC1	JACKSON	1962	200	16	5110	11/1962	76	5034		THORDARSON ET AL 71
6N/41E- 7BAC2	JACKSON	1963	350	12	5110	2/1963	92	5018		RUSH ET AL 70
6N/41E- 7CAA	MC LAUGHLIN	1964	244	16	5105	8/1979	91	5014		ERTEC 79/NVSEO
6N/41E-16CCA	BRIDGE	1950	230	8	5102	8/1979	134	4968		ERTEC 79/NVSEO
6N/41E-16CA1	SANDERSON	1963	400	12	5080	11/1963	92	4988		THORDARSON ET AL 71
6N/41E-16CB1	SANDERSON	1962	191	16	5080	10/1962	78	5002		THORDARSON ET AL 71
6N/41E-16CB2	IONE IRR. DIST.	1962	200	16	5076	9/1968	33	4993		USGS 79
6N/43E- 6CC				6	5006	8/1968	280	5726		USGS 79
5N/40E- 33A					4980	4/1979	172	4808		ERTEC 79/NVSEO
5N/40E- 33C					5003	4/1979	186	4817		ERTEC 79/NVSEO
5N/40E- 3CA1					4975	4/1979	153	4822		ERTEC 79/NVSEO
5N/40E- 3CA2			155		4975	4/1979	--		DRY WELL	ERTEC 79/NVSEO
5N/40E- 3CB					4979	4/1979	170	4809		ERTEC 79/NVSEO
5N/40E- 3CC					4972	4/1979	156	4816		ERTEC 79/NVSEO
5N/40E- 4D					5000	4/1979	204	4796		ERTEC 79/NVSEO
5N/40E-10B			52		4955	4/1979	--		DRY WELL	ERTEC 79/NVSEO
5N/40E-33DC	KANE		700	6	4882	/1913	90	4792		RUSH ET AL 70
5N/41E- 2AAB	ANACONDA CO.				5380	8/1979	0		DEPTH >500'	ERTEC 79/NVSEO
5N/41E- 5BD1	MIDWAY STATION		135	48	5002	3/1949	130	4872	DUG WELL	RUSH ET AL 70
5N/41E- 5BD2	R.O. RANCH	1964	180	10	5002	12/1964	125	4877		RUSH ET AL 70
5N/41E- 6A			135		5020	9/1913	124	4896		THORDARSON ET AL 71
4N/41E-16DB	RODGERS		98	10	4858	9/1968	55	4803		USGS 79
4N/41E-30DB	MONTEZUMA		47		4830	/1913	43	4787	YEAR DRILLED=1870	USGS 79
3N/40E- 2C			61		4815	12/1960	40	4775		THORDARSON ET AL 71
3N/40E- 2DC	MILLERS RESTAREA	1968	280	6	4817	/1968	50	4767		USGS 79
3N/40E- 2DCC	MILLER				4816	8/1979	40	4776		ERTEC 79/NVSEO
3N/40E-11BB	MILLER		61	60	4815	8/1979	42	4773	DUG WELL	ERTEC 79/NVSEO
3N/41E-10CB			210		5000	8/1913	202	4798		RUSH ET AL 70
3N/41E-21CD	MAIN LINE	1949	310		5070	/1949	240	4830		USGS 79
3N/41E-26 1	LAMBERTUCCI		179		5200	10/1963	20	5180		ROBINSON ETAL 67
3N/41E-26 2	LAMBERTUCCI		312		5200	10/1963	9	5191		ROBINSON ETAL 67
3N/41E-28	JOHN CASEY	1949	310	6	5100	11/1949	240	4860		THORDARSON ET AL 71
3N/42E- 4	LAMBERTUCCI	1949	330	15	5800	8/1949	140	5660		ROBINSON ET AL 67
3N/42E- 9			179		5600	/1963	42	5558		NV STATE ENG 79
3N/42E-11	LAMBERTUCCI	1949	35	8	5970	7/1949	13	5957		THORDARSON ET AL 71
3N/42E-21		1963	312	8	5639	11/1963	9	5630		THORDARSON ET AL 71
3N/42E-32	LAMBERTUCCI	1963	179	8	5550	10/1963	20	5530		THORDARSON ET AL 71
1N/41E-26D	GOTTSCHALK		400	8	4836	/1917	61	4773	PRE-1917 MEASMT.	THORDARSON ETAL 71
1N/42E-33DAD			160		4912	8/1979	137	4775		ERTEC 79/NVSEO
1N/42E-34C	KLONDIKE		160	70	4940	1/1967	138	4802	DUG WELL	RUSH 68
1S/41E- 4C	USGS NO. 3	1965	72	2	4810	1/1967	46	4764		RUSH 68
1S/41E-18A	USGS NO. 2	1965	72	2	4802	1/1967	48	4754		RUSH 68
1S/42E-10AA	DODGE CONSTR. CO	1950	310	6	4990	10/1962	197	4793		THORDARSON ET AL 71

Big Smoky Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	9N/42E-30A	ST	7-69	PEAVINE CREEK	--	220	7.9	--	--	23	5.0	17
2	9N/43E- 5CD	WE	8-68		--	460	8.2	--	--	50	14	16
3	9N/43E- 5CD	WE	8-68		--	460	8.2	--	--	50	14	16
4	9N/43E- 5CD	WE	8-68		--	460	8.2	--	--	50	14	16
5	9N/43E- 9BB	WE	8-68		--	420	7.9	--	--	40	14	17
6	9N/43E- 9BGB	WE	8-79		17.0	280	8.3	--	32	40	13	12
7	7N/40E-35CCC	WE	9-68		--	--	9.1	--	--	25	3.0	70
8	7N/42E-17C7	WE	8-68		--	490	7.9	--	--	33	5.0	47
9	6N/40E-13DAC	WE	8-79		16.0	350	8.2	--	43	26	50	45
10	3N/40E- 2DC	WE	10-68	MILLERS WELL	--	390	7.9	293	92	11	ND	63
11	3N/40E- 2DCC	WE	8-79	MILLERS WELL	22.0	260	8.4	--	81	9.9	.5	64
12	2N/39E- 2A	WE	6-67		--	1060	8.4	--	--	4.2	1.3	250
13	2N/39E-11C	WE	7-69	TONOPAH FLAT 1	--	1800	9.9	--	--	1.0	ND	370
14	2N/40E-10BBA	SP	8-79	WILLOW SPRINGS	24.0	540	8.1	--	37	96	13	60
15	1N/37E-14B	WE	7-69		--	2200	8.2	--	--	4.0	ND	430
16	1N/38E- 2A	WE	7-69	TONOPAH FLAT 2	--	5400	--	--	--	--	--	--
17	1N/38E- 3C	WE	7-69	TONOPAH FLAT 4	--	26000	9.0	--	--	7.0	15	6000
18	1N/38E- 6B	WE	7-69	EMIGRANT WELL	--	4500	8.0	--	--	68	2.0	910
19	1N/39E- 7BD	WE	7-69	ALLEN WELL	--	1800	8.4	--	--	9.0	5.0	370
20	1N/41E-26A	WE	10-13		--	--	--	--	--	17	9.0	130
21	1N/42E-34C	WE	1-67		15.0	459	8.1	--	--	16	5.6	78
22	1S/41E- 4C	WE	1-67	USGS NO.3	13.0	1730	--	--	--	--	--	--
23	1S/41E-26A	SP	1-67	ALKALI SPRING	60.0	1840	8.1	--	--	46	5.6	350
24	1S/41E-26ACD	SP	9-79	ALKALI HOT SPRINGS	49.0	3350	8.2	--	55	50	3.0	32
25	3S/42E-11B	WE	1-67		15.0	702	--	--	--	--	--	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1		0	107	6.0	20	--	--	--	--	--	*5	RUSH ET AL 70
2		0	172	7.0	65	--	--	--	--	--	*5	RUSH ET AL 70
3		0	172	7.0	65	--	--	--	--	--	*5	RUSH ET AL 70
4		0	172	7.0	65	--	--	--	--	--	*5	RUSH ET AL 70
5		0	145	9.0	60	--	--	--	--	--	*5	RUSH ET AL 70
6	3.2	0	126	45	65	ND	.1	--	--	--	*1	ERTEC 79
7		0	128	37	67	--	--	--	--	--	*5	RUSH ET AL 70
8		0	132	15	74	--	--	--	--	--	*5	RUSH ET AL 70
9	1.1	0	151	12	42	.9	.1	--	--	--	*1	ERTEC 79
10	12	0	148	11	28	1.6	1.1	70	--	--	*2,*4	RUSH ET AL 70
11	11	0	136	12	34	1.8	.6	--	--	--	*1	ERTEC 79
12		22	416	81	72	--	--	--	--	--	*5	RUSH ET AL 70
13		218	141	150	107	--	--	--	--	--	*5	RUSH ET AL 70
14	22	0	211	38	85	.8	ND	--	--	--		ERTEC 79
15		0	136	490	144	--	--	--	--	--	*5	RUSH ET AL 70
16	--	--	--	--	--	--	--	--	--	--		RUSH ET AL 70
17		391	1490	7800	187	--	--	--	--	--	*5	RUSH ET AL 70
18		0	59	660	1130	--	--	--	--	--	*5	RUSH ET AL 70
19		19	416	210	163	--	--	--	--	--	*5	RUSH ET AL 70
20		--	212	44	120	--	--	--	--	--	*5	RUSH 68
21		--	166	24	61	--	--	--	--	--	*5	RUSH 68
22	--	--	--	--	--	--	--	--	--	--		RUSH 68
23		0	348	68	492	--	--	--	--	--	*5	RUSH 68
24	21	0	317	55	494	8.2	ND	--	--	--		ERTEC 79
25	--	--	--	--	--	--	--	--	--	--		RUSH 68

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
9N/42E-19B	ST	PEAVINE CREEK	8/1979	130	6320		ERTEC 79
9N/42E-30A	ST	PEAVINE CREEK	/1968	1900	6240	AVE.MEASUREMENT	RUSH ET AL 70
8N/39E-13B	SP	CLOVERDALE SPR.	7/1967	1.0	5700		RUSH ET AL 70
2N/39E-13D	SP	JACKSON SPR.	7/1967	1.0	6040	DISCHARGE <1GPM	RUSH ET AL 70
2N/40E-10BBA	SP	WILLOW SPRINGS	8/1979	1.0	6020	DISCHARGE EST.	ERTEC 79
2N/40E-19C	SP	CHUCKAR SPR.	9/1967	1.0	6400	DISCHARGE <1GPM	RUSH ET AL 70
1S/40E-25C	SP		1/1967	25	4330	DISCHARGE <25GPM	RUSH 68
1S/41E-26A	SP	ALKALI SPRING	1/1967	40	4870		RUSH 68

Butte Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
26N/62E-22A1	STRATTON RANCH				6400	8/1967	15	6385		GLANCY 68
25N/62E-17B1	PARIS				6351	11/1980	9	6342		ERTEC 80/NVSEO
24N/60E-33B1	BLM	1966	420		6700	8/1966	--		DRY	GLANCY 68
24N/61E-14C1	PARIS			6	6300	11/1980	24	6276		ERTEC 80/NVSEO
23N/60E-22BC	BLM			6	6275	11/1980	55	6220		ERTEC 80/NVSEO
23N/61E- 7D1	PARIS		40	8	6260	11/1980	27	6233		ERTEC 80/NVSEO
23N/61E-13	PARIS		10		7615		10	7605		GLANCY 68
23N/61E-31CDD			13	4	6251	11/1980	11	6240		ERTEC 80/NVSEO
22N/60E-26A1	PARIS			6	6180	11/1980	66	6114		ERTEC 80/NVSEO
22N/61E- 6C	PARIS		185	8	6190	6/1958	39	6151		GLANCY 68
22N/61E-15	PARIS		36		7700	6/1958	32	7668		GLANCY 68
22N/61E-21BC				36	7000	11/1980	9	6991	ABANDONED	ERTEC 80/NVSEO
22N/61E-33	PARIS		12		6800	7/1958	10	6790		GLANCY 68
21N/61E- 6C1	PARIS			6	6190	11/1980	71	6119		ERTEC 80/NVSEO
21N/61E- 8BBC	U.S.AIR FORCE	1980	150	2	6200	3/1981	80	6120	OBSERVATION WELL	ERTEC
21N/61E-15DC	U.S.AIR FORCE	1980	200	2	6163	3/1981	57	6106	OBSERVATION WELL	ERTEC
21N/61E-30BCD	U.S.AIR FORCE	1980	200	2	6250	3/1981	137	6113	OBSERVATION WELL	ERTEC
21N/61E-32C	U.S.AIR FORCE	1980	200	2	6210	3/1981	78	6132	OBSERVATION WELL	ERTEC
21N/62E- 9BC	TREMBLY		434	16	7000	6/1978	171	6829		NV STATE ENG 79
20N/61E- 6D1	UHALDE	1966		8	6300	11/1980	152	6148		ERTEC 80/NVSEO
20N/61E-13DD	GULF OIL	1965	105	6	6250	11/1980	66	6184		ERTEC 80/NVSEO
20N/62E-32BC	U.S.AIR FORCE	1980	200	2	6315	3/1981	142	6173	OBSERVATION WELL	ERTEC
19N/61E-26DAD	MILLERS RANCH			6	7000	11/1980	46	6954		ERTEC 80/NVSEO
19N/61E-30B1	BLM	1966	270	8	6950	8/1967	198	6752		GLANCY 68

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	27N/62E-33C1	SP	8-67		--	360	8.2	--	--	44	21	3.0
2	26N/62E-15C1	SP	8-67	STRATTON SPR.	14.0	350	8.0	--	--	40	19	7.4
3	26N/62E-22A1	WE	8-67		--	350	8.3	--	--	44	18	8.0
4	26N/62E-22DB	ST	11-80		--	290	8.0	--	--	--	--	--
5	26N/62E-34AB	SP	11-80		2.0	350	7.8	241	7.8	65	11	4.1
6	26N/62E-35	ST	10-65	SNOW CREEK	10.0	200	8.1	--	--	27	10.0	87
7	25N/62E-17B1	WE	8-67	NINE MILE WELL	12.0	410	8.0	--	--	51	18	12
8	25N/62E-21	ST	10-65	PARIS CREEK	10.0	269	8.4	--	--	21	23	12
9	24N/61E-14C1	WE	9-65		13.0	536	8.1	--	--	37	29	32
10	23N/61E- 7D1	WE	9-65	PARIS WELL	8.0	373	8.4	--	--	25	20	37
11	22N/61E- 6C1	WE	8-67		9.0	298	8.2	--	--	28	18	15
12	22N/62E-21D1	SP	8-67		10.0	420	7.6	--	--	58	6.4	22
13	21N/61E- 6C1	WE	9-65		--	629	8.0	--	--	45	28	53
14	21N/62E-29D	SP	11-80		5.0	310	8.4	203	8.5	45	9.1	8.0
15	20N/60E-33D1	SP	8-67	THIRTY-MILE SPR.	9.0	230	7.7	--	--	26	5.1	16
16	20N/60E-34C	SP	11-80	30-MILE RANCH SPRING	7.0	200	8.0	166	38	24	4.1	11
17	19N/62E-30B1	ST	8-67		18.0	340	7.9	--	--	39	7.9	24
18	19N/62E-33D	SP	11-80		8.0	370	7.8	224	36	37	7.9	16

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1		0	222	4.9	13	--	--	--	--	--	*5	GLANCY 68
2		0	208	6.5	16	--	--	--	--	--	*5	GLANCY 68
3		2	222	4.2	9	--	--	--	--	--	*5	GLANCY 68
4	--	--	--	--	--	--	--	--	--	--		ERTEC 80
5	.6	0	266	3.0	7	.1	.1	--	96	ND	*1	ERTEC 80
6		0	126	4.8	18	--	--	--	--	--	*5	GLANCY 68
7		0	240	7.9	20	--	--	--	--	--	*5	GLANCY 68
8		7	158	5.4	24	--	--	--	--	--	*5	GLANCY 68
9		0	159	58	64	--	--	--	--	--	*5	GLANCY 68
10		9	201	11	28	--	--	--	--	--	*5	GLANCY 68
11		0	154	11	32	--	--	--	--	--	*5	GLANCY 68
12		0	210	16	24	--	--	--	--	--	*5	GLANCY 68
13		0	122	140	47	--	--	--	--	--	*5	GLANCY 68
14	1.0	0	174	4.5	11	.1	.6	--	30	ND	*1	ERTEC 80
15		0	124	6.9	8	--	--	--	--	--	*5	GLANCY 68
16	2.5	0	118	6.0	4	.1	.8	--	74	ND	*1	ERTEC 80
17		0	178	12	19	--	--	--	--	--	*5	GLANCY 68
18	3.8	0	168	9.0	8	.1	.7	--	73	12	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALTSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Butte Valley, Nevada

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
26N/62E-15C1	SP	STRATTON SPR.	8/1967	250	6520		GLANCY 68
26N/62E-22DB	ST		11/1980	100	6420		ERTEC 80
26N/62E-33D1	SP	OWENS SPRING	8/1967	75	6600	DISCHARGE 50-100GPM	GLANCY 68
26N/62E-34AB	SP		11/1980	4.0	6420		ERTEC 80
25N/62E-21	ST	PARIS CREEK	10/1965	790	6800		GLANCY 68
22N/60E-20CC	SP		11/1980	1.0	6900		ERTEC 80
21N/62E-29D	SP		11/1980	23	7250		ERTEC 80
20N/60E-33D1	SP	THIRTY-MILE SPR.	8/1967	45	6600	DISCHARGE 40-50GPM	GLANCY 68
20N/60E-34C	SP	30-MILE RANCH SPRING	11/1980	10.0	6900	DISCHARGE EST.	ERTEC 80
19N/61E-35CC	SP	ROCK SPRING	11/1980	0.0	7480	NO FLOW	ERTEC 80
19N/62E- 9C1	SP	GULCH SPRING	8/1967	15	6800	DISCHARGE 10-20GPM	GLANCY 68
19N/62E-30B	ST		8/1967	45	7200		GLANCY 68
19N/62E-32C1	SP	SUMMIT SPRING	8/1967	25	7600	DISCHARGE <25GPM	GLANCY 68

Cave Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
10N/63E-25AAB	URRUTIA		20		6620	3/1980	20	6600	GW ELEV/DEPTH EST.	ERTEC 80/NVSEO
9N/64E- 6BDD	PARKER STA.				6530	3/1980	F	> 6530	FLOWING WELL	ERTEC 80/NVSEO
9N/64E-18AA	U.S.AIR FORCE	1979	101	2	6430	12/1980	--		DRY OBS.WELL	ERTEC 80
9N/64E-20AD	U.S.AIR FORCE	1980	200	2	6345	11/1980			WELL COLLAPSED	ERTEC 80
9N/64E-27BDC	BLM		315		6400	3/1980	239	6161		ERTEC 80/NVSEO
8N/64E- 4ABD					6235	3/1980	141	6094		ERTEC 80/NVSEO
8N/64E-15BCB	HARRIS	1968	375		6159	3/1980	280	5879		ERTEC 80/NVSEO
8N/64E-30CDB	URRUTIA			6	6080	3/1980	322	5758		ERTEC 80/NVSEO
7N/63E-14AB	U.S.AIR FORCE	1950	462	10	6009	10/1980	229	5780	TEST WELL	ERTEC 80
7N/63E-14AB1	U.S.AIR FORCE	1980	458	2	6010	10/1980	231	5779	OBSERVATION WELL	ERTEC 80
7N/63E-15DAC	BLM	1943	385	6	6020	3/1980	233	5787		ERTEC 80/NVSEO
7N/64E-19DDD	GULF OIL		265		6000	3/1980	215	5785		ERTEC 80/NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/63E-25AAB	WE	3-80	URRUTIA WELL	4.0	510	7.2	--	--	51	12	10
2	9N/64E-16BAD	SP	3-80	CAVE VALLEY SPR.	12.0	180	7.3	--	2.1	16	4.0	5.1
3	8N/64E- 4ABD	WE	3-80	CV SEEDING WELL	--	4100	7.5	--	1.3	24	6.7	7.5
4	8N/64E-15BCB	WE	3-80	HARRIS WELL	10.0	468	7.3	--	1.1	49	13	6.2
5	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	263	49	34	20	13
6	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	269	50	35	20	13
7	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	254	49	34	20	13
8	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	263	49	34	20	13
9	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	--	--	--	--	--
10	7N/64E-33DCA	SP	8-79	SIDEHILL SPRING	17.0	--	7.6	740	--	31	--	11
11	6N/63E-19ADB	SP	9-79	HORSE SPRING	16.0	--	8.0	840	--	25	--	11

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.0	0	160	14	20	.2	2.4	--	--	--	*1	ERTEC 80
2	.6	0	80	3.2	9	.0	4.4	--	--	--	*1	ERTEC 80
3	1.4	0	120	8.9	4	.1	.4	--	--	--	*1	ERTEC 80
4	.9	0	200	2.5	ND	.0	1.2	--	--	--	*1	ERTEC 80
5	4.6	0	197	15	19	.1	1.3	--	--	--	*1	ERTEC 80
6	4.7	--	200	15	19	.1	1.3	--	--	--	*1	ERTEC 80
7	4.6	--	196	14	19	.1	1.4	--	ND	10.0	*1	ERTEC 80
8	4.6	--	197	15	19	1.0	1.3	--	--	--	*1	ERTEC 80
9	--	--	--	--	--	--	--	--	60	--		ERTEC 80
10	.9	0	250	11	11	--	.3	--	--	--	*1,*4	BLM 80a
11	1.2	5	280	16	15	--	1.2	--	--	--	*1,*4	BLM 80a

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
9N/64E-16BAD	SP	CAVE VALLEY SPR.	3/1980	1000	6500	DISCHARGE EST.	ERTEC 80
7N/64E-33DCA	SP	SIDEHILL SPRING	3/1980	1.0	6400	DISCHARGE <1GPM	ERTEC 80
6N/63E-19ADB	SP	HORSE SPRING	3/1980	1.0	6500	DISCHARGE <1GPM	ERTEC 80

Coal Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
3N/59E-10BD	U.S.AIR FORCE	1980	1835	10	5560	4/1981	803	4757	CASED 0-118'	ERTEC
3N/59E-12AA	U.S.AIR FORCE	1980	200	2	5080	11/1980	--		DRY OBS.WELL	ERTEC 80
3N/59E-27AD	U.S.AIR FORCE	1980	200	2	5040	11/1980	--		DRY OBS.WELL	ERTEC 80
2N/59E-22B			250		5025	/1915	--		DRY	CARPENTER 15
1N/60E-33CC	U.S.AIR FORCE	1979	200	2	4960	1/1980	--		DRY OBS.WELL	ERTEC 80
1S/59E-27CA	U.S.AIR FORCE	1979	200	2	5110	1/1980	--		DRY OBS.WELL	ERTEC 80
1S/59E-33CC	U.S.AIR FORCE	1979	200	2	5240	1/1980	--		DRY OBS.WELL	ERTEC 80
1S/59E-34CB1	U.S.AIR FORCE	1980	1445	2	5125	6/1981	862	4263	OBSERVATION WELL	ERTEC
1S/59E-34CB2	U.S.AIR FORCE	1981	1315	10	5120	6/1981	845	4275	TEST WELL	ERTEC
2S/58E-12B3	BLM		188	8	5600	5/1980	108	5492		ERTEC 80/NVSEO
2S/60E- 5CD	PANACA FARMS	1965	172	16	5300	11/1965	11	5289		NV STATE ENG 79

SELECTED WATER QUALITY DATA

I.D. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3N/59E-10BD1	WE	9-80	USAF TEST WELL	23.0	443	8.1	256	24	64	15	6.0
2	3N/59E-10BD1	WE	12-80	USAF TEST WELL	23.0	430	7.7	253	35	38	18	18
3	1N/61E-29CA	SP	6-80	OCEANA SPRING	12.0	500	6.7	--	24	82	9.1	23
4	1S/59E-34CB2	WE	5-81	USAF TEST WELL	--	348	7.4	232	62	17	4.5	49
5	1S/59E-34CB2	WE	5-81	USAF TEST WELL	--	290	7.8	258	52	16	3.5	52
6	1S/59E-34CB2	WE	6-81	USAF TEST WELL	--	300	8.0	270	56	16	3.6	47
7	1S/59E-34CB2	WE	6-81	USAF TEST WELL	--	300	7.9	272	55	16	3.7	47

I.D. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.9	1	255	7.3	18	.4	1.2	--	--	--	*2	ERTEC 80
2	4.0	0	221	5.0	20	.5	ND	--	--	--		ERTEC 80
3	2.0	0	303	14	26	.2	6.2	--	--	--	*2	ERTEC 80
4	5.9	--	159	9.0	24	.3	.8	200	30	ND	*2	ERTEC
5	5.9	--	136	9.0	25	--	3.6	10.0	15	ND	*2	ERTEC
6	6.3	--	136	11	26	.4	3.8	100	40	ND	*2	ERTEC
7	6.3	--	136	11	26	.4	3.9	190	20	ND	*2	ERTEC

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1N/61E-29CA	SP	OCEANA SPRING	6/1980	3.0	6000		ERTEC 80

Coyote Spring Valley, Nevada

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. – yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
10S/62E-14a1	Van Horn	—	510	10	—	-58	416	—	2	Abandoned
11S/62E-13bd	Judy's Ranch	—	—	—	2540	11-80	14	2526	1	Spring area
12S/63E-29db1	U.S. Air Force	1980	714	26 @40' 10 @475' 2 @714'	2465	12-80	545	1920	1	
12S/63E-29db2	U.S. Air Force	1980 1981	1240	10 @860'	2465	12-80	545	1920	1	
13S/63E-23dd1	U.S. Air Force	1980	669	10 @50'	2180	12-80	353	1827	1	
13S/63E-23dd2	U.S. Air Force	1981	628	20 @126'	2170	5-81	350	1820	4	
13S/63E-25a1	L.W. Perkins	1944	353	6	—	4-44	332		2	Abandoned
13S/64E-35dd	U.S. Air Force	1981	937	12 @87' 8 @325'	2275	6-81	458	1817	4	

REFERENCES:
1. Ertec Western, 1981a
2. Eakin, 1964
3. Maxey and others, 1966
4. Ertec Western, 1981b

Coyote Spring Valley, Nevada

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C *	pH *	SPECIFIC CONDUCTANCE (μmho/cm @ 25 °C) *	BICARBONATE (HCO_3) *	CARBONATE (CO_3) *	DISSOLVED SOLIDS (sum note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pC/liter)	REFERENCES	REMARKS
9S/65E-21d		7-75	30.5	7.9	155	87*		70	19	4	10	2	9	0.5	-	-	-		2	Spring-Kane Spring Wash
10S/64E-9d		11-80	19.5	7.8	3300	130	0	265	17.0	4	48	4.5	27	23	0.9	1.3	59		1	Willow Spring
11S/62E-13bd		11-80	17.0	8.5	590	258	0	299	37	27	32	2.9	35	16	0.2	1.2	19		1	
13S/63E-23dd		12-80	-	-	-	306	0	491	51	20	83	11	102	37	2.1	0.2	34		1	
10S/64E-9d		7-75	25.5	7.7	300	135*		250	19	3	50	3	34	21	1.2	5.0***	69		1	Spring-Kane Spring Wash
14S/65E-8ab		10-69	—	7.7	—	288*		535	69	22	92**		140	58	2.4	1.6***	—		1	Anderson Well
14S/65E-8ac1		10-69	—	7.6	—	288*		505	67	23	84**		123	58	2.3	1.3***	—		1	Lewis Well # 1
14S/65E-8ad		10-69	—	7.7	—	290*		505	69	21	86**		123	57	2.3	1.8***	—		1	Lewis Well # 2
14S/65E-8ac2		10-69	—	7.7	—	317*		595	77	27	98**		165	60	2.3	1.3***	—		1	Lewis Well # 3
14S/65E-15ddc		3-62	22	—	1090	303*		725	71	33	125	14	216	75	2.4	1.5***	32		1	Muddy River at Gage
14S/65E-15ddc		6-71	—	8.3	940	286*		670	66	30	105	13	200	74	—	—	35		1	Muddy River at Gage
14S/65E-16aa		4-69	32	7.8	940	274*		615	62	27	98	10	182	67	—	—	29		1	Willow Flowing Well
14S/65E-23		5-63	—	7.5	—	285*		860	90	29	156**		320	109	2.8	2.0***	—		1	Well-Moapa

* lab determinations as bicarbonate + carbonate

** Na + K

*** Nitrate as NO_3

All measurements in mg/l unless otherwise noted

RECORD OF SPRINGS

LOCATION	SOURCE	DATE OF MEASUREMENT - MO. - YR.	ELEVATION (FEET)	DISCHARGE (gpm)
8S/66E-30b	2	7-75	3674.5	2.4
9S/65E-21d	2	7-75	3346.5	2.4
10S/64E-9d	1	11-80	3876	1.0 (e)
11S/62E-13bd	1	11-80	2520	< 1.0 (e)

(e) - DISCHARGE ESTIMATED

Source: 1. Ertec Western, 1981

2. Bateman, 1976

Delamar Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
4S/63E-23D0			61		4835	11/1966	--		DRY	NV STATE ENG 79
4S/63E-24CD	HARRISON	1967	360		4860	7/1967	--		DRY/UNCASED	NV STATE ENG 79
6S/63E-12A0A1	U.S.AIR FORCE	1980	1195		4710	5/1980	871	3839	TEST WELL	ERTEC 80
6S/63E-12ADA2	U.S.AIR FORCE	1980	981	2	4710	4/1981	867	3843	OBSERVATION WELL	ERTEC
7S/64E-12D0	STEWART	1964	90	8	5800	5/1980	38	5762		ERTEC 80/NVSE0
7S/64E-19	GULF OIL CO.	1966	265	6	4750	/1966	225	4525		NV STATE ENG 79

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3S/62E-25AB	SP	5-80	PAHROC SPRING	15.0	190	7.0	--	23	28	7.6	13
2	5S/62E-34B0	SP	5-80	TWIN SPRINGS	13.0	365	7.9	--	63	33	84	20
3	5S/64E- 2C	SP	5-80	GRASSY SPRING	11.0	650	7.2	--	48	67	15	36
4	6S/63E-12A0A1	WE	5-80	USAF TEST WELL	26.0	285	--	213	31	21	5.2	42

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	5.0	0	151	12	12	.2	.6	ND	ND		ND *1	ERTEC 80
2	2.1	0	195	11	20	.1	.6	--	--		-- *1	ERTEC 80
3	.5	0	273	36	56	.2	3.5	--	--		-- *1	ERTEC 80
4	2.7	0	152	5.1	25	.5	.9	--	--		-- *1	ERTEC 80

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DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
3S/62E-25AB	SP	PAHROC SPRING	5/1980	4.0	5500		ERTEC 80
5S/62E-34B0	SP	TWIN SPRINGS	5/1980	20	6300		ERTEC 80
5S/64E- 2C	SP	GRASSY SPRING	5/1980	7.0	6100		ERTEC 80
7S/64E-24CC	SP	JUMBO SPRING	5/1980	2.0	6220	GPM ESTIMATED	ERTEC 80

Dry Lake Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
3N/63E-27CA	U.S.AIR FORCE	1980	2395	10	5390	2/1981	851	4539	CARB.TEST WELL	ERTEC
3N/64E-20BAC	BLM	1960	380	6	5067	/1960	317	4750		EAKIN 63
3N/65E-21DBA	DELMUE	1962	51		5451	/1962	45	5406		USGS 79
2N/65E- 6B1			376		5075		--		DRY	EAKIN 63
1N/64E-24A1	LYTLE & OTHERS	1959	515	5	4700	1/1959	398	4302		EAKIN 63
1N/65E- 2AAC			12	48	5660		10	5650	DUG WELL	EAKIN 63
3S/64E-12AC1	U.S.AIR FORCE	1980	1305	2	4645	2/1981	383	4262	OBSERVATION WELL	ERTEC
3S/64E-12AC2	U.S.AIR FORCE	1980	1012	10	4645	2/1981	395	4250	TEST WELL	ERTEC

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3N/63E-27CA	WE	12-80	USAF TEST WELL	27.0	650	7.3	366	24	76	30	18
2	3N/65E-21DBA	WE	-15	BRISTOL WELL	--	--	--	--	49	76	33	37
3	3N/65E-31CC	SP	8-79		24.0	470	6.8	--	43	40	10.0	21
4	2N/63E-13CBA	SP	8-79	COYOTE SPRING	20.0	550	6.8	--	79	82	13	49
5	2S/63E-22BC	SP	5-80	WHEATGRASS SPR.	13.0	415	7.0	--	--	--	--	--
6	2S/64E- 8BDB	SP	8-79		26.0	443	6.9	--	44	83	10.0	53
7	3S/63E- 5CB	SP	5-80	LITTLE BOULDER SPR.	13.0	250	6.8	--	19	28	7.9	12
8	3S/64E-12AC2	WE	4-80	USAF TEST WELL	24.0	480	7.9	292	1.4	20	10	76
9	4S/64E-24BA	SP	5-80	SEVEN OAK SPR.	8.0	815	7.6	--	--	--	--	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	6.5	0	404	5.0	20	.6	ND	--	--	--		ERTEC 80
2		0	187	110	71	--	32	--	--	--	*2,*5	EAKIN 63
3	2.5	0	214	17	21	.2	.4	--	--	--	*1	ERTEC 79
4	7.6	0	282	25	25	.5	ND	--	--	--		ERTEC 79
5	--	0	351	--	--	--	--	--	--	--		ERTEC 80
6	7.1	0	320	30	54	.4	1.4	--	--	--	*1	ERTEC 79
7	3.0	0	137	3.0	15	.1	.2	--	--	--	*1	ERTEC 80
8	5.2	1	219	21	44	--	6.7	--	190	--	*1,*4	ERTEC 80
9	--	0	303	--	--	--	--	--	--	--		ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
3N/65E-31CC	SP		8/1979	3.0	5100		ERTEC 79
2N/63E-13CBA	SP	COYOTE SPRING	8/1979	1.0	5340		ERTEC 79
2S/63E-22BC	SP	WHEATGRASS SPR.	5/1980	2.0	5400		ERTEC 80
4S/64E-24BA	SP	SEVEN OAK SPR.	5/1980	0.5	5730		ERTEC 80
4S/64E-25DD	SP	RED ROCK SPR.	5/1980	1.0	6100	DISCHARGE <1GPM	ERTEC 80

Dry Lake Valley, Nevada
(Muleshoe Valley)

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
5N/64E-11CDC			222	5	5680	6/1981	--		DRY	ERTEC /NVSEO
5N/65E-34DC	WILLIAMS	1972	28	14	6600	5/1972	10	6590		NV STATE ENG 79
4N/64E- 7DC1	U.S.AIR FORCE	1981	1253	2	5540	9/1981	264	5276	OBSERVATION WELL	ERTEC
4N/64E- 7DC2	U.S.AIR FORCE	1981	1215	10	5540	9/1981	268	5272	TEST WELL	ERTEC

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	5N/64E- 7DDD	SP	5-80	BIG MUD SPRING	14.5	530	8.0	--	--	53	17	17
2	5N/65E-10CAB	SP	5-80	HORSE CORRAL SPR.	12.0	465	7.4	--	--	60	16	26
3	5N/65E-32ADB	SP	5-80	MALLOY SPRING	11.5	540	6.9	--	74	53	11	180
4	4N/64E- 7DC2	SE	7-81	USAF WELL	--	--	--	1961	--	10.0	--	38
5	4N/64E- 7DC2	SE	7-81	USAF WELL	--	--	--	1121	--	13	--	75

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.2	0	264	67	40	.3	1.0	--	--	--	*1	ERTEC 80
2	.4	0	345	13	27	.2	.3	--	--	--	*1	ERTEC 80
3	3.9	0	259	29	17	.2	1.0	--	--	--	*1	ERTEC 80
4	5.4	0	--	53	17	--	--	--	80	350	SHALLOW PIEZOMETER	ERTEC
5	5.7	0	--	49	13	--	--	--	20	410	DEEP PIEZOMETER	ERTEC

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
7N/64E-25DCC	SP		5/1980	1.0	6400	DISCHARGE <1GPM	ERTEC 80
5N/64E- 7DDD	SP	BIG MUD SPRING	5/1980	6.0	6380		ERTEC 80
5N/65E-10CAB	SP	HORSE CORRAL SPR.	5/1980	8.0	6360		ERTEC 80
5N/65E-15BBA	SP	NORTH MUD SPR.	5/1980	2.0	6400	DISCHARGE EST.	ERTEC 80
5N/65E-21ABB	SP		5/1980	3.0	6240	DISCHARGE 2-3GPM	ERTEC 80
5N/65E-32ADB	SP	MALLOY SPRING	5/1980	82			ERTEC 80
4N/65E- 4CCB	SP	LITTLE FIELD SPR.	5/1980	10.0	6150	DISCHARGE EST.	ERTEC 80
4N/65E-29CCD	SP	BAILEY SPRING	5/1980	2.0	6350	DISCHARGE 2-3GPM	ERTEC 80

Dugway Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C- 9-11)16ADD	U.S.ARMY	1954	200	10	4338	9/1954	30	4308		STEPHENS ET AL 78
(C- 9-11)19ACC	U.S.AIR FORCE	1979	200	2	4340	3/1981	31	4309	OBSERVATION WELL	ERTEC
(C- 9-11)32DDA	BLM	1952	202	8	4480	4/1952	170	4310		STEPHENS ET AL 78
(C- 9-12)25CBA	SHELL OIL CO.	1969	307	8	4458	10/1969	160	4298		UTAH STATE ENG 79
(C-10- 9) 8CCC	BLM	1957	130		4407	/1957	80	4327		STEPHENS ET AL 78
(C-10-10) 2DDC	PENN. BROS.	1973	375	16	4430	8/1975	109	4321		STEPHENS ET AL 78
(C-10-10)23CAD	U.S.AIR FORCE	1979	180	2	4314	3/1981	--		DRY OBS.WELL	ERTEC
(C-10-10)31BBB	BLM	1935	551	8	4524	3/1935	190	4334		STEPHENS ET AL 78
(C-11-10)19BB	U.S.AIR FORCE	1980	178	2	4715	7/1980	--		DRY OBS.WELL	ERTEC 80
(C-11-11)12ABA	BLM	1949	306	6	4602	3/1965	274	4328		STEPHENS ET AL 78
(C-11-11)12ABD	BLM	1949	306	6	4602	11/1949	270	4332		UTAH STATE ENG 79
(C-12-10)31CC	U.S.AIR FORCE	1980	402	10	5040	7/1980	--		DRY/TEST WELL	ERTEC 80

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C- 9-10)21DDB	SE	9-64		13.5	2120	8.1	1290	13	13	12	450
2	(C- 9-11)32DDA	WE	12-65		19.5	16200	7.3	9500	28	410	150	2800
3	(C-10- 9) 8CCC	WE	12-64		15.5	1550	7.6	890	38	100	37	160
4	(C-10-10) 2DCC	WE	9-74		18.0	2050	7.7	1130	35	87	38	250
5	(C-10-10)23CA	SE	7-64	N.TABLE MT.RES.	21.5	874	7.8	530	20	33	10.0	140
6	(C-10-10)31BBB	WE	12-65		24.5	6230	7.4	3400	45	110	34	1100
7	(C-11-10) 5ABB	SE	7-64	E.DUGWAY RESERVOIR	23.5	749	7.6	525	33	36	10.0	120
8	(C-11-10)34DCD	WE	9-64		--	3370	7.4	1910	30	310	61	290
9	(C-11-11)12ABA	WE	12-64		--	9030	8.2	5280	28	180	53	1700
10	(C-12-10)35BAA	SP	11-79	KANE SPRING	16.0	1900	7.1	--	27	230	72	320

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	21	0	664	290	161	2.2	.7	1100	1400	10.0	*2	STEPHENS ET AL 78
2	270	0	251	5500	158	2.0	3.6	1100	9600	220	*2	STEPHENS ET AL 78
3	10.0	0	196	360	82	.5	3.3	150	160	10.0	*2	STEPHENS ET AL 78
4	24	0	205	490	92	.5	3.1	210	160	10.0	*3	STEPHENS ET AL 78
5	29	0	365	99	19	.3	1.9	310	170	ND	*2	STEPHENS ET AL 78
6	110	0	200	1900	61	2.1	8.2	1100	610	50	*2	STEPHENS ET AL 78
7	11	0	194	43	173	.8	.3	460	440	40	*2	STEPHENS ET AL 78
8	8.3	--	124	980	160	1.1	1.0	250	--	--	*2	STEPHENS ET AL 78
9	140	0	243	3000	95	2.7	6.3	560	--	--	*2	STEPHENS ET AL 78
10	4.0	0	127	700	139	1.0	.4	--	--	--	*2	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES: *1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-10-11)27CBD	SP	STRAIGHT CYN SPR.	9/1956	1.0	5620	DISCHARGE <1GPM	STEPHENS ET AL 78
(C-12-10)35BAA	SP	KANE SPRING	11/1979	0.8	5580		ERTEC 79

Escalante area, Utah
(Includes parts of Milford and Lund Districts, and Beryl-Enterprise Area)

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C *	pH *	SPECIFIC CONDUCTANCE (µmho/cm @ 25 °C) *	BICARBONATE (HCO_3) *	CARBONATE (CO_3) *	DISSOLVED SOLIDS (see note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
(C-27-11) 34dba		5-71	-	7.6	1180	118	0	821*	140	28	66	4.1	270	160	0.3	13	37		2	
(C-27-13) 9ab		10-72	15.0	8.0	4020	132	0	3240*	650	190	100	8.7	1600	600	1.1	0.04	24		2	
(C-28-10) 5dad2		7-78	14.0	7.7	5330	470	-	4130*	270	230	730	13	2300	300	0.6	2.3	43		3	
(C-28-10) 8aad2		7-78	16.0	-	880	140	0	550*	86	29	49	3.7	160	110	0.7	0.97	35		3	
(C-28-10) 8cba		5-71	15.0	7.7	4030	208	0	2820*	290	110	500	13	860	920	0.5	0.4	38		2	
(C-28-10) 14bba		5-71	20.5	8.0	340	134	0	224*	33	6	29	2.2	25	33	0.6	-	27		2	
(C-28-10) 16cda		5-71	19.0	7.9	712	158	-	476*	65	23	50	2.6	160	59	0.6	2.7	26		2	
(C-28-10) 17ccc		6-76	15.0	7.1	4500	280	-	3320*	570	190	290	15	1100	960	0.3	1.3	46		2	
(C-28-10) 18cab		5-71	15.0	7.7	4030	208	-	2820*	290	100	500	13	860	920	0.5	-	38		2	
(C-28-10) 19bcd2		5-71	16.8	7.9	1350	147	0	954*	160	60	51	6	370	190	0.4	0.55	42		2	
(C-28-10) 28cdd1		-	15.0	7.4	1100	152	0	719*	100	49	53	5.0	230	160	-	2.0	38		5	
(C-28-10) 30bdc3		6-71	16.5	7.7	779	137	-	522*	91	24	33	4.4	160	92	0.6	-	42		6	
(C-28-11) 12abb		5-71	20.0	7.9	842	200	-	561*	64	23	72	4.9	130	86	0.9	-	45		6	
(C-28-11) 23cbb3		7-78	16.5	-	1640	220	0	1120*	120	45	160	18	460	150	2.0	0.28	55		3	
(C-28-11) 25dcd		7-78	17.0	-	1800	220	-	1230*	240	59	67	8.8	520	180	0.5	2.0	40		3	
(C-28-11) 35cad		5-71	15.5	7.8	310	131	-	226*	38	8.8	16	3.9	25	19	0.7	-	54		6	
(C-28-11) 36dcc		6-71	13.0	7.6	927	218	-	623*	130	26	43	5.8	120	130	0.5	-	46		6	
(C-29-10) 5add		6-71	14.0	7.9	1030	142	-	670*	120	37	39	4.5	140	180	0.5	-	37		6	
(C-29-10) 5cdd5		7-78	13.5	-	900	270	-	540*	120	25	27	5.0	89	92	0.3	3.6	35		3	
(C-29-10) 8ddd		6-71	14.5	7.8	867	217	-	584*	110	30	35	4.0	120	99	0.4	-	30		6	
(C-29-10) 18daa1		7-78	16.5	-	630	190	-	410*	86	18	23	4.6	66	62	0.4	4.5	33		3	
(C-29-10) 18dcd		6-71	15.0	7.8	778	207	-	525*	100	22	27	4.8	80	95	0.4	-	36		6	
(C-29-11) 1add2		7-78	16.0	7.8	880	190	0	510*	110	23	27	5.5	73	130	0.6	1.6	43		3	
(C-29-11) 4baa		6-71	13.5	7.5	1620	178	-	1110	89	55	200	2.3	490	160	1.5	-	20		6	
(C-29-11) 9cbb		11-80	14.0	8.5	1100	140	0	645	56	24	101	5.7	140	126	0.5	0.4	48		1	
(C-29-11) 10ddd		11-80	13.0	8.6	930	136	0	665	92	20	34	6.1	76	140	1.8	3.5	43		1	
(C-29-11) 12ddd		6-71	14.5	7.6	694	157	-	449*	86	17	22	5.0	62	100	0.5	-	39		6	
(C-29-11) 14cdb1		6-77	18.0	8.0	340	120	0	250*	38	8.7	24	4.4	32	41	0.6	-	42		4	
(C-29-11) 27dad		5-71	15.0	7.9	711	194	-	433*	67	14	47	5.3	67	75	0.6	-	44		6	
(C-29-12) 9cbd		11-80	10.0	8.0	1420	248	0	774	114	28	94	2.1	61	247	0.7	4.4	33		1	Wheeler Spring
(C-29-12) 36cbb		11-80	15.0	7.6	1400	188	0	773	54	16	109	5.6	153	225	1.8	0.3	37		1	
(C-30-11) 22ddc		9-71	22.5	8.2	360	117	-	253*	7.3	1.2	65	2.3	34	36	0.9	-	46		6	

Escalante area, Utah
(Includes parts of Milford and Lund Districts, and Beryl-Enterprise Area)

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (µmhos/cm @ 25 °C)	BICARBONATE (HCO_3) *	CARBONATE (CO_3) *	DISSOLVED SOLIDS (see note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
(C-30-12) 9add		6-71	15.0	7.5	1250	195	-	823*	55	28	170	3.7	230	180	0.7	-	55		6	
(C-30-13) 8caa		6-71	18.0	7.5	444	158	-	318*	32	11	47	1.8	59	36	0.6	-	43		6	
(C-30-13) 25abb		5-71	13.5	8.0	783	178	-	463*	51	30	57	6.2	84	97	0.4	-	49		6	
(C-30-13) 30bdd		11-78	15.0	8.0	1040	181	-	610*	88	38	55	4.5	160	150	0.7	-	20		3	
(C-31-13) 4bcc		11-80	11.0	8.4	1800	208	0	680	55	39	112	5.4	183	122	0.8	1.1	46		1	
(C-31-13) 5bb		12-80		7.7	855	176	0	490	55	31	59	4.7	102	115	0.6	2.0	-		1	
(C-31-13) 18aad		6-71	14.0	7.3	823	174	-	569*	71	32	57	4.7	180	96	0.7	-	41		6	
(C-31-14) 31acd		11-80	8.0	7.6	720	296	0	440	96	10	35	0.7	28	58	0.07	1.3	34		1	spring
(C-31-15) 13b		11-80	4.0	8.9	740	316	0	420	76	17	44	1.0	31	55	0.1	<0.1	43		1	spring
(C-32-12) 6cbb		11-80	14.0	8.4	1300	228	0	896	85	65	72	6.1	300	105	0.4	5.6	49		1	
(C-32-14) 18daa		11-80	15.0	7.6	1400	188	0	773	54	16	189	5.6	153	225	1.0	0.3	37		1	Sulphur spring
(C-32-16) 26abb2		11-80	13.0	8.0	3700	248	0	2000	162	108	396	3.0	265	749	0.9	<0.1	37		1	
(C-33-14) 17ddd		11-80	13.0	8.5	1200	200	0	621	49	30	144	3.3	136	187	0.4	0.7	22		1	
(C-33-16) 11cdc		11-80	27.0	7.8	3100	428	0	1700	143	23	415	36	372	435	2.9	1.4	54		1	
(C-33-17) 21dd		1-81		7.8	440	150	0	297	43	10	26	6.3	34	35	0.7	1.0	68		1	
(C-33-17) 25add		11-80	10.0	8.4	960	268	0	609	102	24	41	8.0	106	96	<0.1	2.3	56		1	
(C-33-18) 11ba		12-80	12.5	8.3	560	284	0.1	347	60	19	19	2.0	15	26	0.1	<0.1	50		1	Spring
(C-33-18) 32ccd		12-80	9	8.5	420	192	0.2	263	38	7.4	36	1.7	14	25	1.6	0.4	34		1	Spring
(C-34-16) 28dcc-2		6-77	13.5	7.5	980	160	0	625	130	24	35	8.3	91	190	0.6	1.9	59		4	
(C-34-17) 24add		12-80	11.0	8.5	440	171	0.4	304	38	6.7	36	6.7	49	13	1.1	<0.1	65		1	
(C-34-18) 11acc		12-80	20	8.0	1100	307	0.2	679	120	22	51	8.1	210	50	0.5	<0.1	52		1	
(C-34-18) 34ccc		12-80	12	8.4	490	170	0.3	321	38	4.5	44	6.7	41	20	0.9	1.7	68		1	
(C-34-19) 2cda		12-80	9	8.6	390	170	0.1	218	44	9.7	16	4.3	12	23	0.4	0.8	58		1	Spring
(C-34-19) 2dcb		12-80	8	8.7	570	200	0.6	363	68	11	22	5.7	44	47	0.7	<0.1	54		1	Spring
(C-35-15) 28bdd		12-80	10	8.3	1600	226	0.2	934	130	29	130	3.4	310	132	0.7	6.8	40		1	
(C-35-16) 9add-1		6-78	12.5	7.5	800	210	-	490	110	21	20	6.4	45	120	0.2	3.3	49		3	
(C-35-16) 21dcc-3		6-78	14.0	7.5	520	190	-	310	65	12	17	4.8	18	44	0.2	1.6	47		3	
(C-35-16) 32dcd-1		6-77	18.0	7.4	510	210	0	357	73	13	21	5.8	28	54	0.3	2.1	49		4	
(C-35-17) 8cbb-2		12-80	11.5	8.4	830	310	0.4	673	140	21	33	9.6	112	88	0.3	2.4	54		1	
(C-36-15) 7dcc-1		6-77	22.0	7.7	1400	110	0	1100	90	16	220	9.1	530	73	4.9	1.4	49		4	
(C-36-16) 5aaa-1		6-77	13.5	7.3	1500	340	0	933	230	41	29	8.6	110	270	0.2	8.8	38		4	
(C-36-16) 15cdd		12-80	10	8.9	510	225	0.4	294	65	9	17	2.6	11	32	0.1	.3	40		1	
(C-36-17) 36aad-1		7-78	11.5	-	460	190	-	300	57	11	22	4.8	19	24	0.4	5.8	39		3	
(C-37-16) 4bdc-1		6-77	21.0	8	360	150	0	232	41	7.5	24	1.7	15	30	0.2	-	39		4	
(C-37-16) 4bdd-1		7-78	20.0	-	370	140	-	230	40	7.7	24	1.8	15	31	0.2	-	40		3	
(C-37-17) 12bdc-1		6-77	13.0	7.5	630	300	0	426	84	15	33	5.5	27	32	0.2	7.9	46		4	

* Sum of constituents
** Na + K

REFERENCES:
1. Ertec Western, 1981
2. U.S. Geological Survey, 1980
3. U.S. Geological Survey, 1979
4. U.S. Geological Survey, 1978
5. U.S. Geological Survey, 1976
6. Mower and Cordova, 1974

All measurements in mg/l unless otherwise noted

Escalante area, Utah
(Includes parts of Milford and Lund Districts, and Beryl-Enterprise Area)

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (µmhos/cm @ 25 °C)	BICARBONATE (HCO_3)	CARBONATE (CO_3)	DISSOLVED SOLIDS (see note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
(C-27-10) 6dac		6-62	13.3	8.2	1190	250	0	653*	25	15	200**	-	20	240	1.2	-	22		2	
(C-27-10) 6ddb		6-62	13.3	8.2	1190	250	-	647	25	15	200**	-	20	240	1.2	-	22		6	
(C-27-10) 10bbc		10-69	11.0	7.9	4790	227	0	3820	400	230	390**	-	1300	920	-	-	45		2	
(C-27-10) 31dcb		9-70	27.1	7.9	450	220	0	316	20	6.4	74	-	31	17	1.2	-	70		2	
(C-28-10) 5add		8-79	18.0	8.0	680	-	-	-	42	17	66	2.8	57	130	0.3	0.77	25		2	
(C-28-10) 5cdc		10-71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	
(C-28-10) 5dad2		6-75	10.5	7.5	-	446	0	4370	290	250	720	14	2500	320	-	0.08	55		5	
(C-28-10) 7aad1		6-50			395	162	0	-	-	-	61**	-	40	16	1.0	-	33		2	
(C-28-10) 7aad2		2-52		7.6	-	150	-	333	30	7.7	63**	-	80	28	0.7	-	6.7		2	
(C-28-10) 7aad5		2-52		8.0	-	159	-	259	18	3.7	70	-	48	25	0.8	-	6.8		2	
(C-28-10) 7adb		12-55	25.5	8.2	390	160	-	253	13	5.8	62	2.8	40	16	0.6	-	35		2	
(C-28-10) 8aad		7-73	15.5	7.7	820	139	-	496*	83	26	39	3.5	140	100	-	-	36		2	
(C-28-10) 8add2		-	14.5	7.4	800	145	0	517	84	27	43	3.8	150	98	-	0.9	35		5	
(C-28-10) 8add2		6-77	17.0	7.8	790	160	0	546	94	27	48	3.7	160	100	0.7	-	34		4	
(C-28-10) 8add2		8-79	15.5	7.7	1190	-	-	320	130	40	71	4.5	280	160	0.6	1.1	40		1	
(C-28-10) 17bab		5-65	13.3	7.5	2290	268	-	1400*	240	130	47**	-	300	500	0.8	-	47		2	
(C-28-10) 17ccc1		6-75	13.0	7.0	5000	263	0	3230	520	180	290	16	1100	940	-	1.1	47		5	
(C-28-10) 17cdc		4-50	-	-	3840	200	-	-	-	-	-	-	-	890	-	-	-		2	
(C-28-10) 18aca		4-50	21.1	-	365	164	-	-	-	-	56**	-	37	10	1.0	-	34		2	
(C-28-10) 18ada		4-50	-	-	2090	230	-	-	-	-	-	-	430	-	-	-	-		2	
(C-28-10) 19abc		11-50	25.5	1.8	330	132	8	211	14	7	45	3	-	9.5	0.7	-	32		2	
(C-28-10) 21ccd		6-50	14.4	-	1920	136	0	1210*	150	110	-	-	370	350	-	-	62		2	
(C-28-10) 28ccc1		6-75	10.0	7.7	1000	142	0	669	95	50	44	4.7	220	140	-	1.6	37		5	
(C-28-10) 28ccc1		6-77	17.0	7.7	1200	150	0	773	110	55	62	4.9	260	170	0.5	-	36		4	
(C-28-10) 28ccc1		7-78	17.5	-	1100	120	0	680	99	54	41	4.5	230	150	0.5	1.7	35		3	
(C-28-10) 28ccc1		9-79	18.0	7.9	1140	-	-	750	-	-	-	-	-	-	-	-	-		1	
(C-28-10) 28cdd		5-71	16.0	8.0	1300	186	-	-	120	67	63	3.9	-	170	-	-	-		6	
(C-28-10) 29bcc		6-50	-	-	3070	340	-	-	-	-	260**	-	650	520	-	-	48		6	
(C-28-10) 29bcd		5-65	17.5	7.2	620	158	-	414	56	17	51	-	100	56	0.9	-	38		6	
(C-28-10) 29bdd		6-50	13.5	-	3520	368	-	2340*	390	99	270	-	10	640	-	-	52		6	
(C-28-10) 29cdc		6-50	-	-	1420	278	-	869*	150	35	95	-	200	200	-	-	44		6	
(C-28-10) 30adc		6-50	13.5	-	325	126	-	-	-	-	10	-	27	20	-	-	44		6	

Escalante area, Utah
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WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. – yr.)	TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (μmhos/cm @ 25 °C)	BICARBONATE (HCO_3)	CARBONATE (CO_3)	DISSOLVED SOLIDS (sum total)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
(C-28-10) 30bdc		6-50	-	-	3090	332	-	2190*	350	78	260	-	830	440	-	-	53		6	
(C-28-10) 30bdd1		4-50	13.5	-	1850	352	-	-	-	-	-	-	-	290	-	-	-		6	
(C-28-10) 30bdd2		9-61	14.5	7.5	1920	254	-	1490	280	47	99**	-	550	230	-	-	45		6	
(C-28-10) 30cdc		4-50	-	-	2570	512	-	-	-	-	340	-	450	350	0.8	-	45		6	
(C-28-10) 30dbb		5-65	16.0	7.5	385	122	-	263	44	11	18**	-	35	38	0.8	-	39		6	
(C-28-10) 31ddc		6-71	13.5	7.6	930	220	-	627	130	25	33**	-	100	150	0.5	-	41		6	
(C-28-10) 32ccd		4-50	-	-	1420	318	-	-	-	-	48**	-	180	200	0.3	-	-		6	
(C-28-10) 33aba		4-43	-	-	2000	562	-	1330*	98	82	260**	-	440	150	1.3	-	-		6	
(C-28-11) 10acd		11-50	16.5	8.0	990	285	-	616	54	40	99	4.2	170	82	0.3	-	48		6	
(C-28-11) 13dca		4-50	15.5	-	445	152	-	-	-	-	-	-	-	30	-	-	-		6	
(C-28-11) 23abb		10-27	-	-	-	193	-	716	67	26	130	9.6	190	140	-	-	44		6	
(C-28-11) 23cbb		5-71	14.0	8.0	1620	191	-	-	120	54	170	8.4	540	130	-	-	-		6	
(C-28-11) 23cbb2		6-75	14.0	7.3	2800	248	0	2230	220	93	330	15.0	1200	200	-	0.3	40		5	
(C-28-11) 23cbb2		7-78	15.0	-	2130	230	0	1510	180	76	200	10.0	740	150	2.0	0.4	39		3	
(C-28-11) 23cbb3		6-75	14.5	7.2	1650	232	0	1220	130	48	170	19.0	530	150	-	0.13	57		5	
(C-28-11) 23cbb3		8-77	16.5	7.5	800	230	0	1220	130	50	190	18.0	510	150	1.9	-	55		4	
(C-28-11) 23cbb3		8-79	16.0	7.5	1670	-	-	1310	-	-	-	-	-	-	-	-	-		1	
(C-28-11) 25adb		4-50	-	-	2560	322	-	-	-	-	-	-	290	400	0.7	-	-		6	
(C-28-11) 25dcd		5-71	18.0	8.0	1220	180	-	-	150	38	52	5.7	330	140	-	-	-		6	
(C-28-11) 25dcd		6-77	18.0	7.3	1500	220	0	546	220	51	68	8	160	100	0.7	-	34		4	
(C-28-11) 25dcd		8-79	17.5	7.5	1660	-	-	1310	-	-	-	-	-	-	-	-	-		1	
(C-28-11) 25ddd		6-50	13.5	-	2410	315	-	1610*	260	57	190**	-	530	350	-	-	50		6	
(C-28-11) 35ddd		4-50	-	-	1200	226	-	-	-	-	30**	-	220	140	1.1	-	-		6	
(C-28-11) 36bba2		4-50	-	-	3060	308	-	-	-	-	-	-	-	460	-	-	-		6	
(C-28-11) 36bba		4-50	-	-	265	130	-	-	-	-	4.8	-	19	10	0.8	-	45		6	
(C-28-11) 36cbd		5-65	13.5	7.2	1580	282	-	1160	180	58	92**	-	360	190	1.1	-	43		6	
(C-28-11) 36cdd		4-50	-	-	790	204	-	-	-	-	-	-	-	98	-	-	-		6	
(C-28-11) 36ddd		6-50	-	-	-	275	-	-	130	27	43	-	130	110	-	-	45		6	
(C-28-12) 29dcc		9-63	22.0	7.7	1110	265	-	720	80	47	76	1.0	40	220	0.6	-	61		6	spring
(C-29-10) 5cdd		9-61	13.3	7.4	1190	270	-	775	173	27	47**	-	165	159	-	-	37		7	
(C-29-10) 5cdd5		5-71	13.5	7.8	810	248	-	-	120	26	30	4.7	110	92	-	-	-		6	
(C-29-18) 5cdd5		6-75	13.0	7.3	900	298	0	562	120	26	29	5.5	100	83	-	3.8	30		5	

Escalante area, Utah
(Incudes parts of Milford and Lund Districts, and Beryl-Enterprise Area)

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (μmho/cm @ 25 °C)	BICARBONATE (HCO_3)	CARBONATE (CO_3)	DISSOLVED SOLIDS (see note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
(C-29-10) 5cdd5		8-79	14.0	7.4	1000	-	-	590	130	27	30	5.4	120	92	0.3	3.8	36		1	
(C-29-10) 6aad		5-65	14.0	7.1	950	212	-	681	120	34	34**	-	110	130	0.6	-	37		6	
(C-29-10) 6baa1		4-50	-	-	630	198	-	-	-	-	-	-	69	65	0.4	-	-		6	
(C-29-10) 6baa2		5-65	16.5	7.5	285	123	-	195	34	6.1	19**	-	21	19	0.7	-	37		6	
(C-29-10) 6ddc		4-50	-	-	710	256	-	-	-	-	-	-	-	57	-	-	-		6	
(C-29-10) 17add		6-50	-	-	1350	323	-	855*	170	36	66**	-	160	150	-	-	37		6	
(C-29-10) 17ddd		6-50	-	-	1010	245	-	-	-	-	29**	-	120	120	-	-	38		6	
(C-29-10) 18add		6-50	-	-	815	206	-	-	-	-	46**	-	89	95	-	-	36		6	
(C-29-10) 18add		5-62	13.3	7.2	435	141	-	264	51	11	16	3	41	38	0.2	-	33		6	
(C-29-10) 18daa		5-71	13.5	7.9	515	168	-	329*	64	13	19	3.7	49	49	0.3	-	36		6	
(C-29-10) 18daa1		7-78	16.5	-	630	190	-	410	86	18	23	4.6	66	62	0.4	4.5	33		3	
(C-29-10) 18daa1		9-79	19.0	8.0	390	-	-	250	33	9.5	28	4.9	40	28	0.5	1.3	44		1	
(C-29-10) 27bbd		12-58	12.5	7.5	1010	303	-	642*	110	30	68**	-	150	75	-	-	28		6	
(C-29-11) 1add		5-71	14.0	7.7	870	238	-	-	120	23	34	5.5	83	120	-	-	-		6	
(C-29-11) 1add2		6-75	13.0	7.4	950	257	0	568	120	26	33	6.5	84	120	-	2.9	38		5	
(C-29-11) 1add2		6-77	15.8	7.5	1000	260	0	613	130	26	34	6.2	93	140	0.4	3.4	40		4	
(C-29-11) 2add		4-50	12.5	-	830	190	-	-	-	-	39**	-	120	110	0.7	-	-		6	
(C-29-11) 4baa		6-62	15.6	7.4	2710	169	-	1750	120	81	356**	-	712	372	1.4	-	17		6	
(C-29-11) 10ddd		6-71	12.5	7.6	1130	165	-	718*	140	28	44	6.8	140	210	0.5	-	47		6	
(C-29-11) 11aad		4-50	-	-	510	156	-	-	-	-	-	-	-	62	-	-	-		6	
(C-29-11) 11acc		5-65	16.0	7.6	330	118	-	240	34	9.7	19**	-	27	23	0.7	-	41		6	
(C-29-11) 11ccd		4-50	13.5	-	485	110	-	-	-	-	-	-	35	67	0.8	-	-		6	
(C-29-11) 11cdd		5-71	14.0	7.7	1400	199	-	1010	190	37	69	6.8	180	290	-	-	-		6	
(C-29-11) 11cdd2		8-79	-	7.9	500	-	-	320	52	14	29	4.0	51	44	0.6	-	40		1	
(C-29-11) 14cdb1		6-77	18.0	8.0	340	120	0	250	38	8.7	24	4.4	32	41	0.6	-	42		4	
(C-29-11) 15aad		4-50	-	-	2340	268	-	-	-	-	-	-	-	540	-	-	-		6	spring
(C-29-11) 19caa		6-71	16.0	8.0	950	215	-	65**	45	28	120	4.4	160	110	0.7	-	60		6	
(C-29-11) 27add		5-65	14.5	7.5	840	233	-	548	92	21	55**	-	-	100	-	-	-		6	
(C-29-11) 27 bad2		4-50	-	-	768	132	-	-	-	-	-	-	-	-	-	-	-		6	
(C-29-11) 28add		6-70	12.0	-	1140	-	-	-	-	-	-	-	170	-	-	-	-		6	
(C-29-13) 2bdc		6-63	18.5	7.8	2760	256	-	2480	440	118	98	7.4	1200	260	8.5	-	18		6	spring
(C-30-10) 10abb		6-60	13.5	8.8	940	217	-	571*	120	26	32**	-	110	120	-	-	36		6	

Escalante area, Utah
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WATER CHEMISTRY DATA

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(C-30-10) 19abd		9-61	21.1	7.7	440	147	-	317	40	8.5	43**	-	54	34	-	-	60		7	
(C-30-12) 21add		8-63	-	8.1	2120	384	-	1500	83	9.7	360	49	480	210	14	-	110		6	spring
(C-30-12) 28acb		7-67	76.5	7.4	2100	374	-	1490	76	12	360	47	460	210	14	-	10		7	
(C-30-13) 22ccc		6-62	15.0	7.6	890	167	-	521	89	23	54**	-	107	130	0.6	-	34		7	
(C-31-10) 8bda		8-63	17.5	7.7	640	244	-	430	73	14	35	16	24	74	0.5	-	50		6	spring
(C-31-12) 17dcb		3-50	13.5	-	1460	138	-	-	-	-	-	-	-	250	-	-	-		6	
(C-33-10) 29adc		6-62	14.4	7.5	890	166	-	523	63	21	73**	-	70	74	0.3	-	31		7	
(C-33-12) 11aaa		6-62	13.9	7.5	1090	210	-	746	108	33	88**	-	291	83	0.7	-	38		7	
(C-33-13) 3caa		6-62	13.9	7.5	1640	195	-	1120	184	57	97**	-	441	200	0.5	-	40		7	
(C-33-13) 20bad		12-80	14	8.6	970														8	well, stock
(C-33-17) 26dad		12-80	15	8.6	820														8	well, domestic
(C-33-18) 14ad		12-80	14	8.7	580														8	spring
(C-34-13) 16ccc		8-62	17.8	7.8	790	199		540*	110	22	32**		210	37	0.2		30		6	
(C-34-13) 23abd		12-80	14	8.7	830														8	
(C-34-15) 1ada-3		12-80	11	9.1	650														8	
(C-34-16) 28dcc-2		6-75	12.0	7.5	700	165	0	604*	120	24	34	8.8	88	180	-	1.6	60		5	
(C-34-16) 28dcc-2		6-79	12.5	7.5	1030	-	-	640*	130	25	35	8.7	92	200	0.6	2.1	60		2	
(C-34-16) 28dcc-2		8-79	12.5	7.6	1000	-	-	630*	130	24	36	8.6	97	180	0.5	1.9	65		2	
(C-34-17) 5ccb-1		12-80	12.5	8.4	900														8	well
(C-35-14) 4oda		12-80	18	8.6	600														8	Antelope spring
(C-35-15) 3dcc		5-62	13.3	7.5	2750	190		1980*	350	50	270	8.0	740	430	0.2		61		6	
(C-35-15) 3ddc		5-62	13.3	7.1	3850	343		2010*	350	56	400	8.4	1300	410	0.4		63		6	

Escalante area, Utah
(Includes parts of Milford and Lund Districts, and Beryl-Enterprise Area)

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (µmho/cm @ 25 °C)	BICARBONATE (HCO_3)	CARBONATE (CO_3)	DISSOLVED SOLIDS (sum note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
(C-35-16) 9add-1		5-62	12.8	7.3	450	196		298*	65	7.3	16	3.9	23	32	0.2		92	7		irrigation
(C-36-16) 9add-1		6-75	13.0	7.4	700	198	0	426*	91	18	19	6.2	36	99	-	2.7	47	5		irrigation
(C-35-16) 9add-1		6-77	13.0	7.4	700	210	0	464*	100	19	20	6.2	43	110	0.2	3.1	48	4		irrigation
(C-35-16) 21dcc-1		7-75	14.0	7.7	420	182	0	268*	51	9.2	16	4.9	14	30	-	7.7	49	5		
(C-35-16) 21dcc-1		6-77	13.0	7.5	420	190	0	300*	63	11	17	4.8	19	36	0.3	1.5	48	4		
(C-35-16) 32dcd-1		5-75	19.0	-	345	-	-	-	-	-	-	-	-	-	-	-	-	5		
(C-35-16) 32dcd-1		9-79	16.0	7.3	710	-	-	430*	94	16	22	5.9	37	75	0.3	2.4	50	2		
(C-36-12) 3acc-1		10-77	18.0	8.1	560	-	-	-	-	-	-	-	-	-	-	0.27	-	4		
(C-36-12) 12dba-1		7-75	13.5	-	590	-	-	-	-	-	-	-	-	-	-	-	-	5		
(C-36-12) 12dba-1		7-78	13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3		
(C-36-12) 21cbb-1		6-75	13.0	-	380	-	-	-	-	-	-	-	-	-	-	-	-	5		
(C-36-12) 21cbb-1		6-78	14.0	8.0	340	-	-	-	-	-	-	-	-	-	-	-	-	3		
(C-36-12) 21cbb-1		7-79	14.5	8.0	350	-	-	240*	41	13	11	3.2	42	9.6	0.2	0.48	44	2		
(C-36-12) 32dcc		6-75	13.0	-	270	-	-	-	-	-	-	-	-	-	-	-	-	5		
(C-36-15) 7cdd-1		5-75	20.0	7.3	2550	132	0	1820*	190	34	330	21	820	260	-	6.2	64	5		
(C-36-15) 7dcc-1		5-59	18.3	7.5	1740	96		1280*	71	10	328**		620	120	-		81	7		irrigation
(C-36-15) 7dba		7-59	30.6	7.7	1580	91		1040*	53	3.4	270**		490	93	-		76	7		irrigation
(C-36-16) 9bdc-1		7-78	12.0	-	590	-	-	-	-	-	-	-	-	-	-	-	-	3		
(C-36-15) 9dbc		4-59	12.8	8.5	1190	170		698*	140	28	34**		130	120	-		34	7		stock
(C-36-16) 5a		5-62	13.9	7.5	1120	250		729*	200	14	26	7.0	92	210	0.3		40	7		irrigation
(C-36-16) 5a-9		5-75	13.0	7.3	1600	332	0	952*	220	43	29	7.8	130	280	-	9.1	38	5		
(C-36-16) 6c		5-59	14.4	8.2	485	188		281*	53	8.0	22**		12	31	-		60	7		irrigation
(C-36-16) 9bcd-1		5-75	12.0	-	590	-	-	-	-	-	-	-	-	-	-	-	-	7		
(C-36-16) 9bda-1		6-77	13.0	-	560	-	-	-	-	-	-	-	-	-	-	-	-	4		
(C-36-16) 9bdc-1		8-79	13.0	7.4	670	-	-	410*	90	17	22	5.5	31	53	0.3	2.0	38	1		
(C-36-16) 19aab-1		5-75	10.5	-	415	-	-	-	-	-	-	-	-	-	-	-	-	5		
(C-36-16) 19abb-1		7-78	11.0	-	450	-	-	-	-	-	-	-	-	-	-	-	-	3		
(C-36-16) 21cbb-1		6-77	16.0	-	340	-	-	-	-	-	-	-	-	-	-	-	-	4		
(C-36-16) 27cdc-1		7-78	17.0	-	590	-	-	-	-	-	-	-	-	-	-	-	-	3		
(C-36-16) 27cdc-1		8-79	16.5	-	590	-	-	410*	-	-	-	-	-	-	-	-	-	1		
(C-36-16 27dcc-1		5-75	16.0	-	585	-	-	-	-	-	-	-	-	-	-	-	-	5		
(C-36-16) 27dcc-1		6-77	17.0	-	580	-	-	-	-	-	-	-	-	-	-	-	-	4		

Escalante area, Utah
(Includes parts of Milford and Lund Districts, and Beryl-Enterprise Area)

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (µmhos/cm @ 25 °C)	BICARBONATE (HCO_3)	CARBONATE (CO_3)	DISSOLVED SOLIDS (see note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
(C-36-16) 29daa1		5-75	13.5	-	460	-	-	-	-	-	-	-	-	-	-	-	-		5	
(C-36-16) 31ccc		9-61	10.6	7.5	475	242	-	314*	65	10	28**		25	24	-		35		3	irrigation
(C-36-17) 2d		5-59	17.8	7.5	1110	238		701	150	27	28**	-	71	190	-		100		3	mine shaft
(C-36-17) 2d2		10-61	17.2	7.5	380	168		257*	49	4.6	26**		16	29	-		46		3	
(C-36-17) 36aad1		5-75	10.0	7.5	440	193	0	285*	51	9.9	23	4.4	19	22	4.8	39			5	
(C-36-17) 36aad1		6-77	11.0	7.7	440	200	0	274*	55	11	23	4.7	21	22	0.3	-	38		4	
(C-36-17) 36aad1		7-78	11.5	7.3	470	-	-	310*	59	10	24	4.8	23	18	0.2	3.9	47		3	
(C-36-17) 36aad1		8-79	10.0	7.3	480	-	-	310*	58	11	24	5.0	22	20	0.3	5.8	43		2	
(C-37-12) 4bbc-1		10-77	16.0	7.9	270	-	-	-	-	-	-	-	-	-	-	0.96	-		4	
(C-37-12) 23acb1		6-75	14.5	-	640	-	-	-	-	-	-	-	-	-	-	-	-		5	
(C-37-12) 23acb1		6-77	14.0	-	700	-	-	-	-	-	-	-	-	-	-	-	-		4	
(C-37-12) 23acb1		6-78	13.5	-	780	-	-	-	-	-	-	-	-	-	-	0.96	-		3	
(C-37-12) 23acb1		7-79	14.5	7.7	780	-	-	480*	73	34	37	1.8	200	41	0.1	0.97	17		2	
(C-37-12) 34abb1		7-75	11.0	-	980	-	-	-	-	-	-	-	-	-	-	-	-		5	
(C-37-12) 34abb1		6-77	12.0	-	810	-	-	-		-	-	-	-	-	-	-	-		4	
(C-37-12) 34abb1		7-78	11.5	-	940	-	-	-	-	-	-	-	-	-	-	-	-		3	
(C-37-12) 34abb-1		8-79	12.0	7.0	910	-	-	570	120	40	17	2.1	150	10	0.2	2.4	18		2	
(C-37-16) 4bdd-1		8-79	21.0	-	370	-	-	230*	-	-	-	-	-	-	-		-		2	
(C-37-17) 12bdc-1		8-60	12.8	7.6	-	278	-	393*	75	13	29	4.3	24	29	0.1		59		7	irrigation
(C-37-17) 12bdc-1		8-79	12.0	7.3	470	-	-	310*	59	10	24	4.8	23	18	0.2	3.9	47		2	
(C-37-17) 12dbc-1		5-75	12.0	7.2	675	300	0	432	85	15	33	5.3	30	32	-	8.8	44		5	
(C-37-17) 14bac-1		8-60	12.8	7.8		292		390*	69	14	33	5.7	23	30	0.2		65		7	
(C-37-17) 14bac-1		6-75	15.0		580	-	-	-	-	-	-	-	-	-	-	-	-		5	
(C-37-17 14bac-1		6-77	16.0		580														4	

* Sum of constituents
** Na + K

References:
1. U.S. Geological Survey, 1980a.
2. U.S. Geological Survey, 1980b.
3. U.S. Geological Survey, 1979
4. U.S. Geological Survey, 1978
5. U.S. Geological Survey, 1976
6. Mower and Cordova, 1974
7. Sandberg, 1966
8. Ertec Western, 1981

All measurements in mg/l unless otherwise noted

Fish Springs Flat, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-11-12) 4CC	U.S.AIR FORCE	1980	160	2	4471	2/1981	139	4332	OBSERVATION WELL	ERTEC
(C-11-12) 4CCD	BLM	1935	538	6	4471	3/1976	154	4317		BOLKE ET AL 78
(C-11-12)15BBA	BLM	1962	330	6	4580	10/1962	255	4325		BOLKE ET AL 78
(C-11-13) 1ACB	U.S.AIR FORCE	1979	150	2	4330	3/1981	10	4320	OBSERVATION WELL	ERTEC
(C-11-14)23DCC	FISH & WLDLF.	1964	35	12	4330	11/1979	20	4310		ERTEC 79/UTSEO
(C-12-12) 7BCD	SMITH	1956	210	6	4600	7/1956	183	4417		UTAH STATE ENG 79
(C-12-12)31CBC					4550	11/1979	370	4180	DEPTH/GW ELEV-EST.	ERTEC 79/UTSEO
(C-12-12)31CCA					4565	4/1977	227	4338		BOLKE ET AL 78
(C-12-12)31CCB	BLM	1946	232	6	4540	2/1946	203	4337		BOLKE ET AL 78
(C-12-13)12CAA	BLM	1956	210	6	4510	7/1956	183	4327		BOLKE ET AL 78
(C-12-13)14DDB	U.S.AIR FORCE	1979	200	2	4410	3/1981	76	4334	OBSERVATION WELL	ERTEC
(C-12-13)15DCC	U.S.AIR FORCE	1979	150	2	4344	3/1981	12	4332	OBSERVATION WELL	ERTEC
(C-12-14)23BCC	BLM				4345	8/1976	10	4335		BOLKE ET AL 78
(C-13-12) 5CBD		1961	615	5	4756	3/1962	427	4329	USGS	BOLKE ET AL 78
(C-13-13)10CDA	U.S.AIR FORCE	1979	200	2	4433	3/1981	105	4328	OBSERVATION WELL	ERTEC
(C-13-13)14DBC	U.S.AIR FORCE	1979	200	2	4530	3/1981	--		DRY OBS.WELL	ERTEC
(C-13-13)18CBA	U.S.AIR FORCE	1979	200	2	4420	2/1981	78	4342	OBSERVATION WELL	ERTEC
(C-13-14)25DA	U.S.AIR FORCE	1980	200	2	4465	3/1981	109	4356	OBSERVATION WELL	ERTEC
(C-14-12) 4CBC	BLM	1935	509	6	4811	3/1935	370	4441		BOLKE ET AL 78
(C-14-13) 7DAA	U.S.AIR FORCE	1979	200	2	4596	3/1981	--		DRY OBS.WELL	ERTEC
(C-14-13) 9CBA	BLM	1966	266	6	4623	4/1966	226	4397		BOLKE ET AL 78

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-10-14)33C	SP	7-67		60.5	31200	7.4	22900	33	740	220	7100
2	(C-10-14)33CDC	SP	8-76	WILSON HOT SPRING	56.0	34700	7.2	22400	33	740	220	7600
3	(C-11-14) 3DBD	SP	8-76	NORTH SPRING	23.5	5000	7.3	--	20	120	69	800
4	(C-11-14)11BCB	SP	11-79	DEADMAN SPRING	9.5	3100	7.6	--	23	43	120	610
5	(C-11-14)23ACA	SP	3-56	HOUSE SPRING	24.0	3070	7.2	--	--	--	--	--
6	(C-11-14)23DBD	SP	3-56	THOMAS SPRING	25.0	3160	7.2	--	--	--	--	--
7	(C-11-14)23DDC1S	SP	3-56	MIDDLE SPRING	22.0	3100	7.3	1910	--	100	54	--
8	(C-11-14)23DDC1S	SP	8-76	MIDDLE SPRING	27.0	3120	7.3	1910	19	100	54	480
9	(C-11-14)26AAA	SP	3-56	LOST SPRING	25.5	3160	7.4	--	--	--	--	--
10	(C-11-14)26ADD	SP	11-79	SOUTH SPRING	26.0	2600	7.2	--	20	48	59	380
11	(C-12-12)10CBC1S	SP	8-76	WILD HORSE SPRING	22.0	8400	7.3	4780	31	690	170	870
12	(C-12-13)12CAA	WE	9-56		--	4600	8.0	--	--	--	--	870
13	(C-12-14)23DCC1S	SP	8-76		20.0	10000	7.3	6130	21	300	120	1700
14	(C-13-12) 5CBD	WE	6-77		16.5	2890	--	1740	3.2	130	20	410
15	(C-14-12) 4CBC	WE	4-77		23.0	4050	--	2370	52	110	72	650

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	18	0	178	12000	1560	4.0	--	2600	--	--		BOLKE ET AL 78
2	250	0	187	12000	1500	1.8	.1	3100	40	80	*3	BOLKE ET AL 78
3	53	0	297	1200	400	1.1	.1	930	20	ND	*3	BOLKE ET AL 78
4	39	0	288	1100	506	.8	.1	--	--	--	*1	ERTEC 79
5	--	0	316	--	--	--	--	--	--	--		BOLKE ET AL 78
6	--	0	321	--	--	--	--	--	--	--		BOLKE ET AL 78
7	--	--	316	--	--	--	--	--	--	--		BOLKE ET AL 78
8	45	--	311	670	390	1.2	.1	860	20	10.0	*3	BOLKE ET AL 78
9	--	0	320	--	--	--	--	--	--	--		BOLKE ET AL 78
10	29	0	283	250	435	.7	.2	--	--	--	*3	ERTEC 79
11	19	--	227	2500	390	2.9	1.9	490	120	100	*3	BOLKE ET AL 78
12	--	0	570	1100	360	--	ND	--	--	--	*3	BOLKE ET AL 78
13	100	--	493	3100	540	.9	ND	1500	60	240		BOLKE ET AL 78
14	5.1	--	180	610	340	.6	23	320	150	20	*3	BOLKE ET AL 78
15	23	--	360	930	300	.4	.6	1100	20	10.0	*3	BOLKE ET AL 78

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Fish Springs Flat, Utah

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-11-14) 30BD	SP	NORTH SPRING	8/1976	3100	4303		BOLKE ET AL 78
(C-11-14)11BCB	SP	DEADMAN SPRING	11/1979	5.0	4310	DISCHARGE EST.	ERTEC 79
(C-11-14)11CDB	SP	WALTER SPRING	7/1976	150	4308		BOLKE ET AL 78
(C-11-14)23ACA	SP	HOUSE SPRING	7/1976	850	4315		BOLKE ET AL 78
(C-11-14)23DBD	SP	THOMAS SPRING	7/1976	2400	4315		BOLKE ET AL 78
(C-11-14)23DDC	SP	MIDDLE SPRING	8/1976	5400	4315		BOLKE ET AL 78
(C-11-14)26AAA	SP	LOST SPRING	7/1976	1100	4310		BOLKE ET AL 78
(C-11-14)26ADD	SP	SOUTH SPRING	7/1976	3600	4310		BOLKE ET AL 78
(C-11-14)26DAA	SP	PERCY SPRING	7/1976	1700	4315		BOLKE ET AL 78
(C-12-12)10CDC	SP	WILDHORSE SPRING	8/1976	1.0	5300	DISCHARGE <1GPM	BOLKE ET AL 78

Garden Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
5N/59E-31CA	U.S.AIR FORCE	1979	200	2	5520	11/1980	111	5409	OBSERVATION WELL	ERTEC 80
5N/59E-32D	PARIS				5350	5/1980	59	5291		ERTEC 80/NVSEO
4N/58E-22DB	U.S.AIR FORCE	1979	100	2	5500	3/1981	153	5347	OBSERVATION WELL	ERTEC
4N/58E-23D				10	5350	5/1980	16	5334		ERTEC 80/NVSEO
4N/58E-33DB	U.S.AIR FORCE	1980	200	2	5550	11/1980	--		DRY OBS.WELL	ERTEC 80
4N/58E-36A1	BLM			10	5230	5/1980	25	5204		ERTEC 80/NVSEO
4N/59E- 6D	WADSWORTH		200	12	5300	5/1980	9	5291		ERTEC 80/NVSEO
4N/59E- 8B	WADSWORTH		80	12	5300	5/1980	10	5290		ERTEC 80/NVSEO
4N/59E- 8B1	WADSWORTH				5300	5/1980	12	5288		ERTEC 80/NVSEO
4N/59E-30DC	U.S.AIR FORCE	1979	100	2	5275	3/1981	65	5210	OBSERVATION WELL	ERTEC
3N/57E-16C	UHALDE	1960	92	16	6200	5/1980	19	6181		ERTEC 80/NVSEC
3N/58E- 1A0	U.S.AIR FORCE	1979	100	2	5210	3/1981	88	5122	OBSERVATION WELL	ERTEC
3N/58E-15B1	UHALDE	1960	260	6	5310	5/1980	221	5089		ERTEC 80/NVSEO
3N/59E-18BB	U.S.AIR FORCE	1979	200	2	5230	3/1981	153	5077	OBSERVATION WELL	ERTEC
2N/57E-22BA1	U.S.AIR FORCE	1980	1099	2	5583	4/1981	430	5153	OBSERVATION WELL	ERTEC
2N/57E-22BA2	U.S.AIR FORCE	1980	1065	10	5575	4/1981	420	5155	TEST WELL	ERTEC
2N/58E- 3AA	U.S.AIR FORCE	1979	200	2	5200	3/1981	140	5060	OBSERVATION WELL	ERTEC
2N/59E-14C	CIVA CORP.				5150	5/1980	114	5036		ERTEC 80/NVSEO
1N/57E-20	COLD CK. MINE				6200	5/1980	188	6012		ERTEC 80/NVSEO
1S/57E- 3A1	UHALDE	1944	620	6	5540	6/1980	489	5051		ERTEC 80/NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3N/56E-23AA	ST	6-80	PINE CREEK	13.0	305	7.6	181	16	48	17	7.3
2	3N/56E-32A	ST	6-80	COTTONWOOD CK	13.0	205	8.0	156	22	42	5.7	11
3	3N/57E-16C	ST	6-80	CHERRY CREEK	13.0	375	8.0	275	30	56	24	15
4	3N/57E-16D	SP	6-80		11.0	430	6.7	--	32	67	24	17
5	3N/58E-15B1	WE	6-80		8.0	365	7.1	--	32	34	30	10.0
6	2N/56E-23B	SP	6-80	BARTON SP.	21.0	530	7.1	--	--	--	--	--
7	2N/57E-22BA2	WE	11-80	USAF TEST WELL	20.0	--	--	225	30	38	9.8	24
8	2N/58E-14C	WE	6-80		--	430	7.4	--	16	44	10.0	22
9	2N/59E-17A	SP	6-80	WATER GAP	19.0	445	8.4	234	28	40	25	15
10	1N/57E-20	SP	6-80	GOLD CREEK SPR.	12.5	660	7.0	--	23	100	17	30
11	1S/57E- 3A1	WE	6-80		--	305	8.0	--	23	11	3.4	90

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.0	0	220	2.8	11	.6	.0	--	--	--	*1	ERTEC 80
2	1.2	0	156	4.1	13	.7	.0	--	--	--	*1	ERTEC 80
3	2.6	0	272	5.6	18	.3	.4	--	--	--	*1	ERTEC 80
4	3.4	0	327	10.0	21	.3	.9	--	--	--	*1	ERTEC 80
5	4.1	0	249	6.1	15	.3	1.4	--	--	--	*1	ERTEC 80
6	--	--	--	--	--	--	--	--	--	--		ERTEC 80
7	1.7	--	180	10	24	.3	.1	--	20	20	*1	ERTEC 80
8	2.0	0	205	8.5	28	.1	2.7	--	--	--	*1	ERTEC 80
9	2.6	0	273	7.1	21	.3	.2	--	--	--	*1	ERTEC 80
10	3.0	0	386	15	55	.7	3.4	--	--	--	*1	ERTEC 80
11	4.0	0	205	8.5	21	.8	9.4	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
3N/56E-23A	ST	PINE CREEK	6/1980	750	6900	DISCHARGE EST.	ERTEC 80
3N/56E-32A	ST	COTTONWOOD CK	6/1980	1000	7000	DISCHARGE EST.	ERTEC 80
3N/56E-33C	ST	COTTONWOOD CK	6/1980	850	6800	DISCHARGE EST.	ERTEC 80
3N/57E-16C	ST	CHERRY CREEK	6/1980	1000	6200	DISCHARGE EST.	ERTEC 80
3N/57E-16D			6/1980	3.0	6150	DISCHARGE EST.	ERTEC 80
2N/56E-23B	SP	BARTON SP.	6/1980	1.0	6400	DISCHARGE <1GPM	ERTEC 80
2N/59E-17A		WATER GAP	6/1980	40	5100	DISCHARGE EST.	ERTEC 80
1N/57E-20	SP	GOLD CREEK SPR.	6/1980	12	6500	DISCHARGE EST.	ERTEC 80

Hamlin Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-21-19)31DCB	DEARDEN	1946	400	16	5225	7/1951	42	5183		HOOD ET AL 65
(C-22-19) 6BAC	DEARDEN	1950	167	16	5250	11/1950	49	5201		HOOD ET AL 65
(C-22-19) 6BCA	BOSWELL RANCH		111		5213	9/1979	37	5176		ERTEC 79/UTSEO
(C-22-19)31CB	U.S.AIR FORCE	1980	200	2	5560	3/1981	187	5373	OBSERVATION WELL	ERTEC
(C-22-20) 1AAC	ANDERSON	1944	125	4	5270	5/1944	60	5210		UTAH STATE ENG 79
(C-22-20) 1AAD	SMITH	1948	137	6	5270	6/1948	63	5207		UTAH STATE ENG 79
(C-22-20) 10AA	LEE	1939	115	5	5270	7/1939	75	5195		UTAH STATE ENG 79
(C-22-20)24DD	U.S.AIR FORCE	1979	101	2	5560	3/1981	--		DRY OBS. WELL	ERTEC
(C-23-19) 7CD	U.S.AIR FORCE	1979	101	2	5480	3/1981	--		DRY OBS.WELL	ERTEC
(C-23-19) 8D	CARPENTER RANCH	1976	40	16	5400	5/1976	3	5397		UTAH STATE ENG 79
(C-23-19) 9CDB	DEARDEN	1931	270	6	5405	11/1936	15	5390	OBSERVATION WELL	HOOD ET AL 65
(C-23-19)10CB	U.S.AIR FORCE	1979	100	2	5485	3/1981	69	5416	OBSERVATION WELL	ERTEC
(C-23-19)10DD	U.S.AIR FORCE	1980	200	2	5590	3/1981	163	5427	OBSERVATION WELL	ERTEC
(C-23-19)13AAB	BLM	1935	540	6	5930		476	5454		HOOD ET AL 65
(C-23-19)20BCA	DAVIES		40	6	5410	11/1950	15	5395		HOOD ET AL 65
(C-23-19)20BDB					5410	8/1979	18	5391		ERTEC 79/UTSEO
(C-23-19)20DBC	DAVIES		300		5415	8/1979	16	5398		ERTEC 79/UTSEO
(C-23-19)22B	U.S.AIR FORCE	1979	50	2	5405	3/1981	48	5357	OBSERVATION WELL	ERTEC
(C-23-19)24DCC	LEE	1939	472	5	5780	6/1939	455	5325		UTAH STATE ENG 79
(C-23-19)28CB	U.S.AIR FORCE	1979	100	2	5450	3/1981	40	5410	OBSERVATION WELL	ERTEC
(C-24-19) 3DA	U.S.AIR FORCE	1980	200	2	5570	3/1981	126	5444	OBSERVATION WELL	ERTEC
(C-24-19) 3DBA		1953	172	6	5558	10/1958	138	5420		HOOD ET AL 65
(C-24-19) 4AA	U.S.AIR FORCE	1979	100	2	5530	3/1981	82	5448	OBSERVATION WELL	ERTEC
(C-30-19)21CAB	BLM		215	12	6325		170	6155		HOOD ET AL 65
(C-32-19)21ABA1			38		6740	11/1962	17	6723		HOOD ET AL 65
(C-32-19)21ABA2			61		6740	11/1962	58	6682		HOOD ET AL 65
(C-32-19)22DCB	HULET	1963	407	8	6640	12/1964	335	6305		HOOD ET AL 65
(C-32-19)25AAA			130		6565		--		DRY	HOOD ET AL 65
(C-32-19)27ACC			430		6650	9/1972	415	6235		UTAH STATE ENG 79
14N/69E-24BDD			70		5650	8/1979	32	5618		ERTEC 79/NVSEO
14N/69E-24DAB			200		5600	8/1979	12	5587		ERTEC 79/NVSEO
14N/70E-31C	SZYDLOWSKI	1950	65	6	5620	10/1950	25	5595		HOOD ET AL 65
13N/69E-11ABC	COFFMAN	1974	108	8	6400	4/1974	85	6315		NV STATE ENG 79
13N/69E-11CBC	SRIGGS	1957	29	72	6550	4/1958	25	6525		HOOD ET AL 65
13N/70E- 3D	BAKER RANCH	1950	470	24	5350	6/1950	F	> 5350	FLOWING WELL	HOOD ET AL 65
13N/70E- 4CDC			300	8	5300	8/1979	28	5272		ERTEC 79/NVSEO
13N/70E- 4D	BELANDER	1951	153	12	5300	5/1952	44	5256		HOOD ET AL 65
13N/70E- 9BD	FOREST SERVICE	1953	88	6	5350	7/1953	18	5332		HOOD ET AL 65
13N/70E- 9BDD	GONDER		90		5300	8/1979	16	5284		ERTEC 79/NVSEO
13N/70E- 9C	HESSELGISSER	1952	84	6	5300	7/1952	51	5249		HOOD ET AL 65
13N/70E- 9CA	CRAMER	1951	82	6	5300		28	5272		NV STATE ENG 79
13N/70E-10ABA	BAKER RANCH	1951	1746	16	5200	8/1979	151	5048		ERTEC 79/NVSEO
13N/70E-10CAD	MT.WHEELER RANCH	1948	313	20	5250	8/1979	F	> 5250	FLOWING WELL	ERTEC 79/NVSEO
13N/70E-14CCA	SMITH	1949	415		5200	8/1979	F	> 5200	FLOWING WELL	ERTEC 79/NVSEO
13N/70E-16C	GREGORY	1953	154	6	5435	5/1953	39	5396		HOOD ET AL 65
13N/70E-16CC	MC HENRY	1974	107	8	5470	3/1974	53	5417		NV STATE ENG 79
13N/70E-16DB	SMITH	1948	143	8	5360	8/1948	50	5310		NV STATE ENG 79
13N/70E-35ABC	BLM STATE HWY.	1947	158	6	5330	12/1947	100	5230		HOOD ET AL 65
13N/71E-19BCD	BLM	1947	82	6	5160	10/1947	25	5135		HOOD ET AL 65
12N/70E-13AC	U.S.AIR FORCE	1980	200	2	5540	3/1981	--		DRY OBS. WELL	ERTEC
11N/70E-35AD	U.S.AIR FORCE	1979	101	2	5595	3/1981	70	5525	OBSERVATION WELL	ERTEC
11N/70E-35BB	U.S.AIR FORCE	1980	200	2	5680	3/1981	143	5537	OBSERVATION WELL	ERTEC
11N/70E-36BD	U.S.AIR FORCE	1979	101	2	5520	3/1981	67	5453	OBSERVATION WELL	ERTEC
10N/70E-11D	COVINGTON	1953	100	16	5490	7/1953	9	5481		HOOD ET AL 65
10N/70E-12B	COVINGTON	1953	80	16	5470	7/1953	14	5456		HOOD ET AL 65
10N/70E-25D	YOUNG	1953	70	16	5525	8/1953	7	5518		HESS ET AL 78
9N/69E-32DA	U.S.AIR FORCE		200	2	5910	3/1981	--		DRY OBS. WELL	ERTEC
9N/70E-14CAB					5620	7/1979	27	5593		ERTEC 79/NVSEO
9N/70E-34DCD	LEE & DEARDEN	1947	217	8	5690	8/1979	110	5580		ERTEC 79/NVSEO
9N/71E- 6A					5720	7/1979	199	5521		ERTEC 79/NVSEO
9.5N/70E-33AB	U.S.AIR FORCE	1979	101	2	5650	7/1980	75	5575		ERTEC 80
8N/69E- 9DA	U.S.AIR FORCE	1979	100	2	5760	3/1981	--		DRY OBS. WELL	ERTEC
8N/69E-15BBD	DEARDEN		110	6	5750	7/1979	75	5675		ERTEC 79/NVSEO
8N/69E-35DC1	U.S.AIR FORCE	1980	522	2	5834	2/1981	174	5660	OBSERVATION WELL	ERTEC
8N/69E-35DC2	U.S.AIR FORCE	1980	480	10	5816	2/1981	156	5660	TEST WELL	ERTEC
8N/69E-36AAA	BLM	1980	480	10	5816	8/1979	145	5671		ERTEC 79/NVSEO
8N/70E- 5ABA	BLM	1947	164	6	5670	7/1979	88	5582		ERTEC 79/NVSEO
8N/70E-21AAD	ASHDOWN	1933	153	8	5710	8/1979	122	5588		ERTEC 79/NVSEO

Hamlin Valley, Utah

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-22-19) 6BCA	WE	8-79	BOSWELL RANCH	13.0	540	6.8	134	18	79	3.0	15
2	(C-22-19)32ADA	SP	8-79	CLAY SPRING	14.0	638	7.6	88	12	69	37	11
3	(C-23-19) 9	SP	11-54	BURBANK SPRING	14.0	687	7.4	419	--	81	32	14
4	(C-23-19)20D8C	WE	8-79	DAVIES RANCH	14.0	490	7.6	124	40	51	31	35
5	(C-24-20) 10BA	SP	7-79	NEEDLE POINT SPR.	16.0	225	8.0	237	44	29	16	17
6	(C-28-19)36BCC	SP	8-79	RYAN SPRING	16.0	470	7.7	373	39	83	7.2	27
7	(C-30-20)26D	SP	8-79	LOG CABIN SPRING	20.0	335	--	373	59	43	5.1	21
8	(C-32-18)15CAA	SP	8-79	SPANISH GORGE SPR.	10.0	--	--	--	52	79	17	23
9	(C-32-19)22DCB	WE	8-79		12.0	250	--	168	36	35	6.4	13
10	(C-32-20)24DAC	SP	8-79	CANYON SPRING	18.0	285	--	246	17	35	7.8	11
11	15N/68E-36CA	SP	8-79	WILLOW PATCH SPR.	12.0	725	7.1	291	17	93	23	42
12	13N/69E-13DCB	ST	8-79	LEHMAN CREEK	10.0	390	8.0	249	4.8	5.9	.9	1.4
13	13N/69E-14BBD	SP	8-79	POLAND SPRING	9.0	160	7.4	89	7.0	22	2.5	5.4
14	13N/70E- 4CDC	WE	8-79	(UPPER WELL)	13.0	145	6.5	252	15	20	3.1	4.4
15	13N/70E- 9BDD	WE	8-79	GONDER WELL	13.0	170	7.2	257	13	23	3.3	13
16	13N/70E-10ABA	WE	7-79	BAKER (LOWER WELL)	14.0	125	8.3	96	27	19	2.0	10.0
17	13N/70E-10CAD S	SP	8-79	BAKER RANCH SPRING	13.0	120	7.6	--	16	16	1.4	7.0
18	13N/70E-14CCA	WE	8-79		15.0	150	8.2	118	20	18	1.9	10
19	13N/70E-13BBD	ST	7-79	BAKER CREEK	13.0	44	7.2	392	7.0	6.7	1.1	1.8
20	12N/70E-15CCB	SP	8-79	SPRING CREEK SPRING	13.0	345	7.6	441	7.8	55	8.2	6.0
21	12N/70E-17BAA	ST	7-79	SNAKE CREEK	14.0	115	7.9	56	15	21	2.1	3.6
22	11N/69E-25ABA	SP	8-79	SOUTH SPRING	11.0	465	7.4	345	6.0	68	30	2.4
23	10N/70E-33BAD	SP	11-64	BIG SPRING	18.0	401	7.8	216	--	47	20	6.0
24	9N/73E-34D	WE	11-64	MILLERS CROSSING	--	383	8.1	--	--	41	14	20
25	8N/69E-15BBD	WE	11-64		--	397	8.1	--	--	38	16	--
26	8N/69E-35DC2	WE	9-80	USAF TEST WELL	18.0	440	7.8	266	26	32	18	25
27	5N/70E-11DAA	SP	8-79	HERMITAGE SPRING	16.0	490	--	373	55	80	11	27

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.8	0	388	12	21	.1	3.6	--	--	--	*1,*4	ERTEC 79
2	2.1	0	219	2.5	8	.1	.2	--	--	--	*1,*4	ERTEC 79
3		--	222	9.0	157	--	.7	--	--	--	*2,*5	HOOD ET AL 65
4	3.6	0	260	44	56	.6	.6	--	--	--	*1,*4	ERTEC 79
5	3.4	0	150	22	27	.3	2.3	--	--	--	*1,*4	ERTEC 79
6	.6	0	267	32	21	.1	ND	--	--	--	*4	ERTEC 79
7	2.8	0	146	29	11	.1	.1	--	--	--	*1,*4	ERTEC 79
8	1.6	0	290	38	16	.2	1.1	--	--	--	*1	ERTEC 79
9	2.4	0	146	11	9	.2	1.4	--	--	--	*1,*4	ERTEC 79
10	1.8	0	141	15	10	.2	.1	--	--	--	*1,*4	ERTEC 79
11	.5	0	340	66	28	.2	1.0	--	--	--	*1,*4	ERTEC 79
12	.3	0	24	.5	5	ND	.1	--	--	--	*1,*4	ERTEC 79
13	.9	0	82	4.0	5	.1	.1	--	--	--	*1,*4	ERTEC 79
14	.6	0	87	13	155	1.9	.3	--	--	--	*1,*4	ERTEC 79
15	1.2	0	68	30	6	.1	.2	--	--	--	*1,*4	ERTEC 79
16	.8	0	75	3.0	18	.1	.3	--	--	--	*1,*4	ERTEC 79
17	.7	0	73	4.0	ND	--	.2	--	--	--	*1	ERTEC 79
18	.8	0	90	2.3	35	.1	.1	--	--	--	*1,*4	ERTEC 79
19	.4	0	29	.5	24	.1	.1	--	--	--	*1,*4	ERTEC 79
20	1.0	0	214	6.0	9	.1	.4	--	--	--	*1,*4	ERTEC 79
21	.5	0	88	1.0	9	.1	ND	--	--	--	*4	ERTEC 79
22	.5	0	350	3.0	5	ND	1.0	--	--	--	*1,*4	ERTEC 79
23		--	238	3.7	8	.2	2.2	ND	--	--	*2,*5	HOOD ET AL 65
24		--	152	28	40	--	--	--	--	--	*5	HOOD ET AL 65
25	--	--	192	21	36	--	--	--	--	--		HOOD ET AL 65
26	4.7	0	193	18	28	.9	.7	--	--	--	*1	ERTEC 80
27	2.4	0	306	23	19	.2	ND	--	--	--	*4	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Hamlin Valley, Utah

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-22-19)33BB	SP		8/1979	15	5435	DISCHARGE EST.	ERTEC 79
(C-22-20) 18	ST		7/1979	2000	5300		ERTEC 79
(C-24-20) 1DBA	SP	NEEDLE POINT SPR.	7/1979	5.0	5455		ERTEC 79
(C-30-20)26D	SP	LOG CABIN SPRING	8/1979	1.0	7045	DISCHARGE <1GPM	ERTEC 79
(C-32-18)15CAA	SP	SPANISH GORGE SPR.	8/1979	12	6640		ERTEC 79
(C-32-20)24DAC	SP	CANYON SPRING	8/1979	31	7150		ERTEC 79
15N/68E-36CA	SP	WILLOW PATCH SPR.	8/1979	1.0			ERTEC 79
13N/69E-10DD	SP		9/1966	1900	6450		HESS ET AL 78
13N/69E-13DCB	ST	LEHMAN CREEK	8/1979	3600	6400		ERTEC 79
13N/69E-14BBD	SP	ROLAND SPRING	8/1979	2800	6400		ERTEC 79
13N/70E-10	ST		8/1979	1800	5250		ERTEC 79
12N/70E-12C	ST	SNAKE CREEK	7/1979	3000	5520		ERTEC 79
12N/70E-18DAA	ST	SNAKE CREEK	7/1979	2400	6480		ERTEC 79
11N/69E-25ABA	SP	SOUTH SPRING	8/1979	11	7600		ERTEC 79
10N/70E-33BAD	SP	BIG SPRING	8/1979	4200			ERTEC 79
5N/70E-11DAA	SP	HERMITAGE SPRING	8/1979	100	6500		ERTEC 79

Hot Creek Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
10N/51E-14DAA		1929		14	6190	7/1980	F	> 6190	FLOWING WELL	ERTEC 80/NVSEO
10N/51E-34DC	NRC	1967	915	20	6545	6/1967	475	6070		DINWIDDIE ET AL 71
9N/51E-22AAB	NRC	1967	350	13	6110	7/1967	551	5559		DINWIDDIE ET AL 71
9N/51E-34BDB	NRC	1967	4206	8	5789	6/1967	360	5429		DINWIDDIE ET AL 71
9N/51E-34DCB	NRC	1967	5306	20	5759	12/1967	215	5544	720' INTRVL.TESTED	DINWIDDIE ET AL 71
8N/50E-33BA	VALIANT FARMS	1948	180	6	5533	12/1948	150	5383		USGS 79
8N/51E- 18CC	NRC	1967	598	20	5763	7/1980	330	5433		ERTEC 80/NVSEO
8N/51E-34C	NRC	1969	590	20	5496	3/1969	99	5397		DINWIDDIE ET AL 71
8N/51E-34CAC	VALIANT FARMS	1948	155	5	5492	11/1948	110	5382		RUSH ET AL 66
7N/51E- 4DC	U.S.AIR FORCE	1980	200	2	5490	3/1981	129	5361	OBSERVATION WELL	ERTEC
7N/51E-10AD1	U.S.AIR FORCE	1980	480	10	5603	9/1980	238	5365	USAF TEST WELL	ERTEC 80
7N/51E-10AD2	U.S.AIR FORCE	1980	480	2	5626	9/1980	255	5371	OBSERVATION WELL	ERTEC 80
6N/50E-10BB	OBVT. MINING CO.	1964	261		5640	7/1980	243	5397		ERTEC 80/NVSEO
6N/50E-11BCC	VALIANT FARMS			6	5553	10/1965	183	5370		RUSH ET AL 66
6N/50E-17CDC		1942	216	6	6150	7/1942	130	6020		NV STATE ENG 79
6N/50E-27AC1	U.S.AIR FORCE	1980	505	10	5522	9/1980	291	5231	TEST WELL	ERTEC 80
6N/50E-27AC2	U.S.AIR FORCE	1980	455	2	5508	9/1980	301	5207	OBSERVATION WELL	ERTEC 80
6N/50E-35A	VALIANT FARMS	1942	205	6	5327	7/1980	169	5158		ERTEC 80/NVSEO
6N/51E-17BD	U.S.AIR FORCE	1980	197	2	5305	3/1981	79	5226	OBSERVATION WELL	ERTEC
6N/51E-22BAB	STATE OF NV	1960	238	10	5250	7/1980	45	5205		ERTEC 80/NVSEO
5N/50E- 1BD	U.S.AIR FORCE	1980	202	2	5270	3/1981	114	5156	OBSERVATION WELL	ERTEC
5N/51E- 7BC	AIR FORCE-NRC	1980		8	5220	7/1980	69	5151		ERTEC 80/NVSEO
5N/51E- 7BDB	AIR FORCE-NRC	1980		8	5220	7/1980	76	5144		ERTEC 80/NVSEO
5N/51E-11CDC				6	5170	10/1965	25	5145		USGS 79
5N/51E-19BA		1973	223	8	5187	11/1973	49	5138		NV STATE ENG 79
4N/50E- 9BD	U.S.AIR FORCE	1980	200	2	5460	3/1981	--		DRY OBS.WELL	ERTEC
4N/51E-13ACC	TWIN SPR. RANCH	1970	195	10	5125	7/1980	F	> 5125	FLOWING WELL	ERTEC 80/NVSEO
4N/51E-13BD	TWIN SPR. RANCH	1970	130	6	5130	7/1970	3	5127		NV STATE ENG 79
4N/51E-13D	FALLINI	1959	300	8	5120	/1959	3	5117	UNUSED	ROBINSON ET AL 67
4N/51E-13DA	TWIN SPR. RANCH	1967	80	12	5125	10/1967	9	5116		NV STATE ENG 79
4N/51E-16CA	U.S.AIR FORCE	1980	200	2	5210	3/1981	55	5155	OBSERVATION WELL	ERTEC
4N/52E- 6CC	U.S.AIR FORCE	1980	200	2	5240	3/1981	99	5141	OBSERVATION WELL	ERTEC

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/51E-34DCC	WE	6-67	UCE-17	32.0	330	8.2	250	39	15	1.7	68
2	10N/51E-34DCC	WE	6-67	UCE-17	--	588	8.0	425	16	11	.6	130
3	10N/51E-34DCC	WE	6-67	UCE-17	--	398	8.3	333	69	7.6	.6	96
4	10N/51E-34DCC	WE	6-67	UCE-17	--	854	7.5	641	13	23	1.9	180
5	10N/51E-34DCC	WE	6-67	UCE-17	--	405	8.1	335	69	49	12	31
6	10N/51E-36BAB	RE	7-80	MOORES STA. RES.	20.0	340	7.9	196	45	31	9.5	21
7	9N/51E- 3BA	SP	9-67	SO. CYN. SPRING	12.0	260	7.6	165	25	--	--	7.3
8	9N/51E-22AAB	WE	7-67	HTH-1	33.0	567	8.4	402	68	12	.4	110
9	9N/51E-22AAB	WE	8-67	HTH-1	33.0	482	8.7	324	42	4.7	2.0	110
10	9N/51E-22AAB	WE	8-67	HTH-1	24.5	218	7.7	172	25	8.7	.6	39
11	9N/51E-34DCB	WE	1-68	UCE-20	34.0	791	7.6	470	50	5.8	.1	160
12	9N/49E-21CDC	SP	7-67	UPPER WARM SPRING	35.0	192	7.6	148	46	4.7	.1	38
13	8N/49E-24D	SP	8-65		33.5	462	8.0	152	--	18	26	52
14	8N/49E-25BA	SP	5-77	OLD DUGAN HOT SPR.	36.0	699	7.7	444	32	70	22	60
15	8N/50E-12CDD	ST	7-80	6-MILE CYN-S.	21.0	320	7.8	206	30	39	9.0	
16	8N/50E-29D	ST	8-65	HOT CREEK CYN.	34.5	718	8.2	140	--	13	26	
17	8N/50E-29DDA	SP	7-67	HOT CK.RANCH SPR.	67.0	1010	8.1	721	.2	33	9.5	
18	8N/50E-29DDA	SP	9-73	HOT CK.RANCH SPR.	63.0	1101	8.0	823	140	51	15	
19	8N/50E-33BA	WE	8-67		--	1020	7.9	666	64	--	--	
20	8N/50E-33BA	WE	9-68		--	994	8.2	645	--	--	--	
21	8N/50E-33BAB	ST	7-80	HOT CREEK	21.0	1110	8.5	--	--	--	--	
22	8N/50E-33BBA	SP	7-80	COLD SPRING RANCH	15.0	980	6.8	--	--	--	--	--
23	8N/51E- 1BC	WE	6-67		33.5	1300	8.4	--	54	4.2	1.0	330
24	8N/51E- 18CB	WE	6-67	UCE-18	46.0	3250	8.5	2150	55	2.2	.2	890
25	8N/51E- 18CB1	WE	6-67	UCE-18	40.5	1510	8.4	950	58	8.2	1.2	390
26	8N/51E- 18CB1	WE	6-67	UCE-18	--	3470	8.6	2250	46	2.0	.4	950
27	8N/51E- 18CB1	WE	6-67	UCE-18	48.0	3300	8.6	2190	58	1.2	.6	880
28	8N/51E- 18CB1	WE	6-67	UCE-18	41.5	3230	7.8	2180	66	3.0	.8	880
29	8N/51E- 18CB1	WE	6-67	UCE-18	53.5	3300	9.5	2170	60	1.8	.2	880
30	8N/51E- 18CB1	WE	6-67	UCE-18	46.0	3250	8.5	2150	55	2.2	.2	890
31	8N/51E- 18CB1	WE	6-67	UCE-18	54.5	3220	8.5	2180	52	2.6	.2	880
32	8N/51E- 18CB1	WE	6-67	UCE-18	33.5	1300	8.4	852	54	4.2	1.0	330
33	8N/51E- 18CB1	WE	6-67	UCE-18	37.0	2070	8.4	1340	60	6.6	1.4	540
34	8N/51E- 18CC	WE	6-67		33.5	1300	8.4	852	54	4.2	1.0	330
35	8N/51E- 5BAB	SP	7-80	HOBBLE SPR.AQUDT.	21.0	285	7.7	--	--	--	--	--
36	8N/51E-34C	WE	3-69	HTH-5	28.0	314	7.5	301	59	29	3.5	33
37	8N/51E-34CAC	WE	7-80	SIX MILE WELL	18.0	345	7.1	250	62	44	6.8	17
38	8N/51E-34CAC	WE	9-80	SIX MILE WELL	17.0	363	7.4	233	52	37	9.6	15
39	7N/50E-19DCC	SP	7-80	KEYSTONE SPRING	17.0	545	7.3	320	16	62	35	10.0
40	7N/50E-19DCC	SP	9-80	KEYSTONE SPRING	17.0	540	7.3	320	9.4	58	37	10.0
41	7N/50E-23D	SP	10-65	BLUE JAY SPRING	--	2540	8.5	1740	--	35	54	560
42	7N/51E- 9AA	WE	6-80		19.0	875	7.5	621	72	46	26	120
43	7N/51E-10AD1	WE	9-80	USAF TEST WELL	19.0	280	7.4	223	59	22	4.7	34
44	7N/51E-10AD1	WE	10-80	USAF TEST WELL	18.0	282	7.2	195	10.0	43	3.8	33
45	7N/51E-10AD1	WE	10-80	USAF TEST WELL	19.0	280	7.5	204	52	19	3.6	33
46	7N/51E-10AD1	WE	10-80	USAF TEST WELL	19.0	280	7.4	207	--	18	4.9	320
47	7N/52E-13DAD	SP	7-80	RATTLESNAKE SPR.	17.0	218	--	--	--	--	--	--
48	7N/52E-31BBD	SP	7-80	ICEBERG SPRING	12.0	225	6.1	--	--	--	--	--
49	6N/49E-13BAD	SP	7-80	WILLOW SPRING	14.5	472	6.4	299	37	72	13	27

Hot Creek Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
50	6N/49.5E-14CCD	SP	7-80	MULESHOE SPRING	17.0	428	6.9	--	--	--	--	--
51	6N/50E-10BB	WE	7-80		23.0	670	7.2	314	29	52	25	16
52	6N/50E-27AC1	WE	9-80	USAF TEST WELL	20.0	--	--	284	28	41	18	20
53	6N/50E-27AC1	WE	10-80	USAF TEST WELL	20.0	--	--	239	27	41	18	20
54	6N/51E- 5BDD	SP	9-80	BUTTE SPRING	16.0	600	8.0	396	50	31	19	70
55	6N/51E-15A1	WE	10-65		--	363	7.6	--	--	19	4.0	59
56	6N/51E-22BAB	WE	7-80	BLUE JAY MAINT.STA.	21.0	375	7.2	259	66	18	3.7	57
57	5N/51E- 7BDB	WE	7-80	CTNS BASE CAMP	17.0	342	6.7	226	45	34	11	25
58	5N/51E-11CDC	WE	7-80		17.0	356	6.9	269	58	21	4.6	55
59	5N/51E-19BCD	WE	7-80	FALLINI WELL	14.0	570	7.2	--	--	--	--	--
60	4N/50E-20C1	SP	10-65		60.5	1270	7.9	--	--	55	36	210
61	4N/50E-20CCB	ST	7-80	WARM SPR.TUNNEL	43.5	1900	7.1	874	54	72	23	210
62	4N/51E-13BBD	WE	7-80		20.0	320	6.6	--	--	--	--	--
63	4N/51E-1301	WE	10-65		17.2	487	7.4	--	--	30	5.4	74

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.2	0	173	14	19	1.1	2.8	--	220	90	*2	DINWIDDIE ET AL 71
2	7.4	0	203	15	100	5.8	2.2	--	30	60	*2	DINWIDDIE ET AL 71
3	4.2	3	185	16	44	.4	3.0	--	20	20	*2	DINWIDDIE ET AL 71
4	7.2	0	213	13	258	-.7	3.4	--	70	330	*2	DINWIDDIE ET AL 71
5	10.0	0	222	10.0	44	.4	3.0	--	30	270	*2	DINWIDDIE ET AL 71
6	4.7	0	166	9.3	21	.4	ND	--	--	--		ERTEC 80
7	1.0	0	137	2.6	20	.3	1.0	40	--	--	*2	THORDARSON ET AL 71
8	1.2	5	247	20	34	2.6	ND	1.9	290	ND		DINWIDDIE ET AL 71
9	2.7	1	225	15	36	5.2	ND	1400	1100	20		DINWIDDIE ET AL 71
10	3.9	0	116	4.4	11	.9	.1	100	420	20	*2	DINWIDDIE ET AL 71
11	1.4	0	112	93	95	26	ND	--	140	30		DINWIDDIE ET AL 71
12	.8	0	60	7.0	19	.4	1.3	100	10.0	--	*2	GARSIDE ET AL 79
13	--	0	204	22	64	--	--	--	--	--	*5	RUSH ET AL 66
14	6.3	0	333	19	55	1.0	--	330	10.0	--		GARSIDE ET AL 79
15	1.8	0	166	7.2	24	.3	--	--	--	--		ERTEC 80
16	--	0	340	33	91	--	--	--	--	--	*5	RUSH ET AL 66
17	1.4	0	501	37	64	8.3	.2	520	40	120	*2	GARSIDE ET AL 79
18	13	0	543	42	86	9.0	--	--	60	90		GARSIDE ET AL 79
19	14	0	470	41	108	5.0	.2	390	--	--	*2	USGS 79
20	--	0	467	--	--	--	--	--	--	--		USGS 79
21	--	0	--	--	--	--	--	--	--	--		ERTEC 80
22	--	--	--	--	--	--	--	--	--	--		ERTEC 80
23	5.7	3	656	67	47	17	.1	13	300	1.0	*2	GARSIDE ET AL 79
24	9.3	43	1520	76	53	60	1.0	--	--	--	*2	DINWIDDIE ET AL 71
25	7.6	16	790	44	47	19	.4	2300	470	90	*2	DINWIDDIE ET AL 71
26	8.6	59	2050	80	52	62	.2	2300	100	180	*2	DINWIDDIE ET AL 71
27	8.5	67	1900	71	48	60	--	2400	240	50		DINWIDDIE ET AL 71
28	11	81	1860	76	72	39	.1	3000	430	90	*2	DINWIDDIE ET AL 71
29	8.7	51	1930	71	53	60	1.1	3200	370	60		DINWIDDIE ET AL 71
30	9.2	43	1920	7.4	53	60	1.0	2900	750	60	*2	DINWIDDIE ET AL 71
31	9.0	51	1900	61	52	49	1.2	3000	90	70	*2	DINWIDDIE ET AL 71
32	5.7	3	656	67	47	17	.7	920	330	ND	*2	DINWIDDIE ET AL 71
33	8.4	26	1110	42	55	27	.2	1100	820	110	*2	DINWIDDIE ET AL 71
34	5.7	3	656	67	47	17	.7	--	--	--	*1	DINWIDDIE ET AL 71
35	--	--	--	--	--	--	--	--	--	--		ERTEC 80
36	11	0	163	5.4	19	1.0	8.3	--	11000	320	*2	DINWIDDIE ET AL 71
37	7.3	0	124	7.8	36	.5	8.2	--	--	--	*1	ERTEC 80
38	7.6	0	59	6.3	22	.7	9.7	--	100	14	*1	ERTEC 80
39	2.1	0	296	10.0	37	.5	.1	--	--	--	*1	ERTEC 80
40	2.0	0	270	10.0	36	.6	.4	--	58	13	*1	ERTEC 80
41	--	51	1120	160	302	--	--	--	--	--	*6,*5	RUSH ET AL 66
42	15	0	375	32	64	3.5	.2	--	3100	700	*1	ERTEC 80
43	7.6	0	109	7.3	16	.5	2.1	--	600	59	*1	ERTEC 80
44	9.7	1	105	13	50	.8	7.3	--	--	--	*1	ERTEC 80
45	6.7	0	106	9.2	9	.6	2.3	--	--	--	*1	ERTEC 80
46	65	0	109	62	100	5.0	23	--	--	--	*1	ERTEC 80
47	--	0	128	--	--	--	--	--	--	--		ERTEC 80
48	--	0	--	--	--	--	--	--	--	--		ERTEC 80
49	1.0	0	274	12	69	.2	--	--	--	--		ERTEC 80
50	--	--	--	--	--	--	--	--	--	--		ERTEC 80
51	2.6	0	168	14	107	.3	1.5	--	--	--	*1	ERTEC 80
52	2.4	--	170	5.7	65	.2	.7	--	--	--	*1	ERTEC 80
53	2.4	--	171	5.6	67	.2	.7	--	--	--	*1	ERTEC 80
54	9.4	0	98	24	58	.9	--	--	600	89		ERTEC 80
55	--	0	194	12	24	--	--	--	--	--	*5	RUSH ET AL 66
56	4.5	0	176	12	23	.8	1.9	--	--	--	*1	ERTEC 80
57	4.2	--	194	6.8	30	.2	1.3	--	--	--	*1	ERTEC 80
58	4.8	0	212	10.0	22	1.1	1.4	--	--	--	*1	ERTEC 80
59	--	--	--	--	--	--	--	--	--	--		ERTEC 80
60	--	0	712	32	98	--	--	--	--	--	*5	RUSH ET AL 66
61	26	0	748	39	111	1.8	--	--	--	--		ERTEC 80
62	--	--	--	--	--	--	--	--	--	--		ERTEC 80
63	--	0	248	15	32	--	--	--	--	--	*5	RUSH ET AL 66

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES: *1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Hot Creek Valley, Nevada

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
10N/51E-36BAB	ST	MOORES STA. RES.	7/1980	8.0	6080	HAROLD LK OUTLET	ERTEC 80
9N/50E- 2A	SP	6-MILE SPRING-W.	5/1967	50	8300		THORDARSON ET AL 71
9N/50E- 2AA	SP	6-MILE SPRING-E.	5/1967	38	8300		THORDARSON ET AL 71
9N/50E-27BD	ST	6-MILE CANYON-S.	12/1966	1.0	7050		THORDARSON ET AL 71
9N/51E- 5D	SP	MOREY CANYON	3/1967	5.0	7200		THORDARSON ET AL 71
9N/51E- 8BA	SP	SO. CYN. SPRING	3/1967	7.0	7360		THORDARSON ET AL 71
9N/51E-32CCC	SP	HOBBLE CYN. SPR.	7/1980	9.0	6760		ERTEC 80
8N/49E-21CDC	SP	UPPER WARM SPRING	3/1967	32	6100		THORDARSON ET AL 71
8N/49E-22BDC	SP	COLD SPRING	4/1967	10.0	6100		THORDARSON ET AL 71
8N/49E-25AB	SP		8/1967	2.0	5900		THORDARSON ET AL 71
8N/49E-25BA	SP	OLD DUGAN HOT SPR.	9/1967	500	5950		FIERO ET AL 68
8N/49E-36BA	SP	ARRASTA SPRING-NW	5/1967	5.0	7200		THORDARSON ET AL 71
8N/49E-36BD	SP	ARRASTA SPRING-SE	5/1967	15	7200		THORDARSON ET AL 71
8N/50E- 5AA	SP	BULLWHACKER SPR.	4/1967	1.0	7050	DISCHARGE EST.	THORDARSON ET AL 71
8N/50E-12CDD	ST	6-MILE CYN-S.	7/1980	510	6320		ERTEC 80
8N/50E-29DDA	SP	HOT CK.RANCH SPR.		760			RUSH ET AL 66
8N/50E-33BAB	ST	HOT CREEK	7/1980	340	5640	SUBIRRIG.DITCH	ERTEC 80
8N/50E-33BBA	SP	COLD SPRING RANCH	7/1980	4.0	5650		ERTEC 80
7N/50E-19DCC	SP	KEYSTONE SPRING	7/1980	37	6400		ERTEC 80
7N/50E-24CDB	SP	BLUE JAY SPR.	7/1980	1.0	5370	DISCHARGE EST.	ERTEC 80
7N/52E-19DAD	SP	RATTLESNAKE SPR.	7/1980	1.0	6010	DISCHARGE EST.	ERTEC 80
7N/52E-31BBD	SP	ICEBERG SPRING	7/1980	2.0	5900	DISCHARGE EST.	ERTEC 80
7N/52E-31BC	SP	ICEBERG SPRING	5/1967	6.0	6200		THORDARSON ET AL 71
6N/49E-13BAD	SP	WILLOW SPRING	7/1980	15	7200		ERTEC 80
6N/49.5E-14CCD	SP	MULESHOE SPRING	7/1980	47	6960	DISCHARGE EST.	ERTEC 80
6N/49.5E-23AC	SP	CAVE SPRING	7/1980	1.0	6915	DISCHARGE EST.	ERTEC 80
5N/49E-13BCA	SP	DEAN SPRING	8/1967	1.0	6900		THORDARSON ET AL 71
4N/50E-19BA	SP	OVER-THE-HILL SPR.	7/1980	1.0	5850	DISCHARGE EST.	ERTEC 80
4N/50E-20CC	SP	WARM SPRINGS		680	5500		RUSH ET AL 66
4N/50E-20CCB	SP	WARM SPR.TUNNEL	7/1980	79	5540		ERTEC 80

Hot Creek Valley, Nevada
(Reveille Valley)

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
4N/50E-20CAD	FALLINI	1980		6	5440	7/1980	74	5366		ERTEC 80/NVSEO
4N/50E-22BC	U.S.AIR FORCE	1980	201	2	5290	1/1981	134	5156	OBSERVATION WELL	ERTEC
4N/51E-29CAC	FALLINI	1951	137	5	5264	/1951	95	5169	STOCK USE	NV STATE ENG 79
3N/50E-13CA1	U.S.AIR FORCE	1981	702	2	5350	2/1981	317	5033	OBSERVATION WELL	ERTEC
3N/50E-13CA2	U.S.AIR FORCE	1981	680	10	5485	2/1981	317	5168	TEST WELL	ERTEC
3N/51E-18CDA	FALLINI	1948	320	6	5450	7/1980	279	5171		ERTEC 80/NVSEO
2N/50E-34C	STOCK			6	6350	10/1965	12	6338	STOCK USE	ROBINSON ET AL 67

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	4N/51E-29CAD	WE	7-80	JOES WELL	22.0	458	7.7	--	--	--	--	--
2	3N/50E-13CA2	WE	4-81	USAF TEST WELL	17.5	340	7.7	245	51	33	5.8	26
3	3N/51E-18CDA S	SP	7-80	UNKN SPRING	23.0	217	7.9	127	41	5.1	.4	37
4	3.5N/50E-33D8	SP	7-80	BLACK SPRING	23.0	460	8.2	237	18	2.4	1.2	84
5	2N/50E-23CBB	SP	7-80	REVEILLE MILL	27.0	227	7.2	159	41	4.7	.9	36
6	1N/50E- 4AAD	ST	7-80	EDEN CREEK	21.0	160	7.6	120	44	13	2.8	14

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	--	--	--	--	--	--	--	--	--	--		ERTEC 80
2	6.0	--	146	12	31	.2	4.2	--	ND	ND	*1	ERTEC
3	.3	0	104	5.4	11	.3	.3	--	--	--	*1	ERTEC 80
4	.6	0	176	12	36	.7	ND	--	--	--		ERTEC 80
5	.3	0	104	5.1	11	.2	.3	--	--	--	*1	ERTEC 80
6	2.5	0	79	4.2	10	.2	ND	--	--	--		ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
** DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
3N/50E- 4AA		BLACK SP	12/1967	2.0	5900		THORDARSON ETAL 71
3N/50E- 7AAC	SP	RADUIM SP		0.0	6900		THORDARSON ETAL 71
3N/51E-18CDA S	SP	UNKN SPRING	7/1980	7.0	5440	MILL SEEP	ERTEC 80
3.5N/50E-33D8	SP	BLACK SPRING	7/1980	3.0	5925	DISCHARGE EST.	ERTEC 80
2N/50E-21CAC	SP	COTTONWOOD CYN. SPR.	7/1980	7.0	6480	DISCHARGE EST.	ERTEC 80
2N/50E-22DA	SP	CRYSTAL SPRING	8/1967	30	6080		MIFFLIN 68
2N/50E-23CBB	SP	REVEILLE MILL	7/1980	4.0	6060		ERTEC 80
2N/50E-28AA	SP	ROSE SPRING	8/1967	5.0	6300		MIFFLIN 68
2N/50E-28ACC	SP	REVEILLE MILL SPR.	8/1967	10.0	6400		MIFFLIN 68
1N/50E- 4AAD	ST	EDEN CREEK	7/1980	100	6440		ERTEC 80
1S/50E-14AA	SP	GEORGES WATER	7/1980	84	6900		ERTEC 80

Jakes Valley, Nevada

WELL AND WATER LEVEL DATA

TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
19N/60E-21CB			190	6	7080	11/1980	163	6917		ERTEC 80/NVSEO
18N/60E-10DB			30	6	6790	11/1980	18	6772		ERTEC 80/NVSEO
17N/59E- 3	MORMON RANCH	1950	32	6	6600	10/1950	20	6580		NV STATE ENG 79

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	18N/59E-10DC	SP	11-80	SAMMY SPRING	10.0	325	7.7	230	46	36	6.1	14
2	18N/59E-11CB	SP	11-80	WILLOW SPRING	11.0	375	7.8	--	--	--	--	--
3	17N/58E-21BAC	SP	11-80	SAND SPRING	6.5	600	7.5	681	11	55	21	37

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.6	0	144	14	12	.1	1.5	--	--	--	*1	ERTEC 80
2	--	--	--	--	--	--	--	--	--	--		ERTEC 80
3	1.7	0	283	9.8	53	.3	.6	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
18N/59E-10DC	SP	SAMMY SPRING	11/1980	4.0	6680		ERTEC 80
18N/59E-11CB	SP	WILLOW SPRING	11/1980	1.0	6710	DISCHARGE <1GPM	ERTEC 80
18N/61E-11AD	SP	TANK SPRING	11/1980	0.0	8040	DRY	ERTEC 80
18N/61E-11CD	SP		11/1980	0.0	7880	DRY	ERTEC 80
17N/58E-11CD	SP		11/1980	0.0	6840	DISCHARGE=SEEP	ERTEC 80
17N/58E-15AC	SP	ROUND SPRING	11/1980	0.0	6980	DISCHARGE=SEEP	ERTEC 80
17N/58E-21BAC	SP	SAND SPRING	11/1980	0.0	7560	DISCHARGE <1GPM	ERTEC 80
14N/59E- 1AA	SP	RUB SPRING	11/1980	0.0	7230	DISCHARGE <1GPM	ERTEC 80

Kobeh Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS				REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)		ELEV (FT)		
22N/49E- 4BAD1				6	6540	10/1980	7		6533		ERTEC 80/NVSEO
22N/51E-30BB	ROBERTS CK. RANC	1958	350	13	6475	10/1980	115		6360		ERTEC 80/NVSEO
21N/48E-10CA	ETCHEGARY	1947	20	6	6600	10/1947	10		6590		ROBINSON ET AL 67
21N/48E-15AAA				6	6486	10/1980	7		6479		ERTEC 80/NVSEO
21N/49E-16CC	SANTE FE RANCH	1945	60	6	6235	10/1980	43		6192		ERTEC 80/NVSEO
21N/50E-17B	BLM	1974	124	8	6232	4/1974	50		6182		NV STATE ENG 79
21N/51E- 2A	BLM	1970	280	8	6320	4/1970	228		6092		NV STATE ENG 79
20N/49E- 9CD	ETCHEGARY	1951	250	12	6150	9/1951	6		6144		ROBINSON ET AL 67
20N/49E- 9CDB	BARTINE RANCH		23	6	6154	10/1980	0		6154		ERTEC 80/NVSEO
20N/49E- 9D	DAMELE	1953	85	12	6160	8/1953	15		6145		RUSH ET AL 64
20N/49E-23CA				6	6140	10/1980	12		6128		ERTEC 80/NVSEO
20N/49E-24AAD				6	6115	10/1980	8		6107		ERTEC 80/NVSEO
20N/49E-30B0A	U.S.AIR FORCE	1980	150	2	6210					VANDALIZED OBS.WELL	ERTEC 80
20N/50E-21AC				6	6090	9/1980	F	>	6090	FLOWING WELL	ERTEC 80/NVSEO
20N/51E- 7AC				6	6140	10/1980	11		6129		ERTEC 80/NVSEO
20N/51E-12CA	U.S.AIR FORCE	1980	200	2	6030	2/1981	41		5989	OBSERVATION WELL	ERTEC
20N/52E-17B0A	HAY RANCH		90	10	6019	9/1980	18		6001		ERTEC 80/NVSEO
20N/52E-17CBD	HAY RANCH		25	6	6010	9/1980	7		6003		ERTEC 80/NVSEO
20N/52E-18ABA	HAY RANCH			12	6018	9/1980	7		6011		ERTEC 80/NVSEO
20N/52E-20A	HAY RANCH	1951	120	10	6010	5/1951	16		5994		ROBINSON ET AL 67
20N/52E-20D8A				10	6080	9/1980	F	>	6080	FLOWING WELL	ERTEC 80/NVSEO
20N/52E-20D8B	HAY RANCH				6080	9/1980	10		6070		ERTEC 80/NVSEO
19N/47E-15CBB				16	6300	10/1980	90		6210		ERTEC 80/NVSEO
19N/47E-16CD				16	6315	10/1980	76		6239		ERTEC 80/NVSEO
19N/47E-22ABB				16	6275	10/1980	66		6209		ERTEC 80/NVSEO
19N/47E-22BBB				12	6284	10/1980	88		6196		ERTEC 80/NVSEO
19N/47E-22CC				6	6270	10/1980	58		6212		ERTEC 80/NVSEO
19N/47E-23ABB				16	6260	10/1980	46		6214		ERTEC 80/NVSEO
19N/47E-28DB	U.S.AIR FORCE	1980	150	2	6275	2/1981	64		6211	OBSERVATION WELL	ERTEC
19N/47E-31AAD				6	6309	10/1980	99		6210		ERTEC 80/NVSEO
19N/47E-35AB	DRY CR. RANCH	1958	102	8	6260	10/1980	50		6210		ERTEC 80/NVSEO
19N/48E-12AB	FARR	1959	90	6	6183	10/1980	9		6174		ERTEC 80/NVSEO
19N/48E-21DB					6250	10/1980	52		6198		ERTEC 80/NVSEO
19N/49E- 4ABB				14	6152	10/1980	1		6151		ERTEC 80/NVSEO
19N/49E- 5DAA	DRY CR. RANCH	1951	280	12	6155	10/1980	2		6153		ERTEC 80/NVSEO
19N/49E- 6DAD				50	6164	10/1980	4		6160		ERTEC 80/NVSEO
19N/49E- 8BDD				14	6160	10/1980	3		6157		ERTEC 80/NVSEO
19N/49E-18CA		1959	90	6	6200	10/1980	27		6173		ERTEC 80/NVSEO
19N/49E-29CC				16	6340	10/1980	176		6164		ERTEC 80/NVSEO
19N/49E-30AAA	FARR	1959	223	18	6278	10/1980	107		6171		ERTEC 80/NVSEO
19N/49E-30B0				6	6345	10/1980	169		6176		ERTEC 80/NVSEO
19N/50E-16BCC	BARTINE RANCH		315		6100	9/1980	F	>	6100	FLOWING WELL	ERTEC 80/NVSEO
19N/50E-17ADD					6100	9/1980	F	>	6100	FLOWING WELL	ERTEC 80/NVSEO
19N/50E-24AA	U.S.AIR FORCE	1980	201	2	6085	3/1981	34		6051	OBSERVATION WELL	ERTEC
19N/50E-30DB	EUREKA RANCH	1967		8	6280	9/1980	126		6154		ERTEC 80/NVSEO
18N/48E- 7ACD	GRIMES RANCH			6	6370	10/1980	153		6217		ERTEC 80/NVSEO
18N/48E-23BA				6	6920	10/1980	60		6860		ERTEC 80/NVSEO
18N/50E- 5DA	U.S.AIR FORCE	1980	201	2	6320	3/1981	121		6199	OBSERVATION WELL	ERTEC

Kobeh Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	22N/48E-36A	SP	5-64		--	186	7.8	--	--	16	4.4	17
2	22N/49E-27D	ST	5-64	COILS CREEK	--	280	8.2	--	--	26	6.3	23
3	22N/50E-12BA	ST	10-80	ROBERTS CREEK	2.0	460	7.2	289	19	59	24	13
4	20N/47E-14DCC	SP	10-80	ACKERMAN RANCH SPR	7.0	250	7.4	228	67	18	4.8	26
5	20N/52E-20DBA	WE	9-80		16.0	475	7.9	363	15	55	31	27
6	19N/47E-31AAD	WE	10-80		7.0	565	6.8	--	--	--	--	--
7	19N/49E- 4CCC	WE	10-80		7.0	280	6.4	200	51	29	3.8	27
8	19N/50E- 5AAD	WE	9-80		43.0	525	7.3	354	27	51	24	39
9	19N/50E-16BCC	WE	9-80		16.5	250	3.9	258	59	2.6	2.2	60
10	18N/48E- 8DAA	WE	10-80		10.0	215	6.6	179	54	13	1.9	36

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	--	0	80	6.0	19	--	--	--	--	--		RUSH ET AL 64
2	--	0	132	10.0	18	--	--	--	--	--		RUSH ET AL 64
3	1.0	0	304	9.8	22	.1	.1	--	200	10.0	*1	ERTEC 80
4	8.2	0	104	14	20	.1	.7	--	200	10.0	*1	ERTEC 80
5	3.4	0	340	16	24	.7	.6	--	--	--	*1	ERTEC 80
6	--	--	--	--	--	--	--	--	--	--		ERTEC 80
7	4.4	0	136	11	13	ND	1.3	--	300	20	*1	ERTEC 80
8	12	0	344	9.5	25	1.1	ND	--	--	--		ERTEC 80
9	11	0	160	6.8	19	1.3	.1	--	--	--	*1	ERTEC 80
10	4.8	0	116	10.0	13	.3	.2	--	--	--	*1	ERTEC 80

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DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
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*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
23N/49E-23DBD	SP	JACK SPRING	10/1980	0.0	7020	DISCHARGE=SEEP	ERTEC 80
22N/49E-21BAB	SP		10/1980	1.0	6435	DISCHARGE <1GPM	ERTEC 80
22N/49E-27	ST	COILS CREEK	5/1964	3600	6348	DISCHARGE EST.	RUSH ET AL 64
22N/49E-31	ST	SNOW WATER CYN.	5/1964	1100	6400	DISCHARGE EST.	RUSH ET AL 64
22N/50E-12BA	ST	ROBERTS CREEK	10/1980	390	6800		ERTEC 80
21N/48E-11	ST	FERGUSON CK.	5/1964	1800	6400	DISCHARGE EST.	ROBINSON ET AL 67
20N/47E-14DCC	SP	ACKERMAN RANCH SPR	10/1980	1.0	6800	DISCHARGE <1GPM	ERTEC 80
20N/47E-23ABC	ST	ACKERMAN CYN.	10/1980	16	6720		ERTEC 80
20N/47E-25	ST	ACKERMAN CYN.	5/1964	220	6450	DISCHARGE EST.	ROBINSON ET AL 67
20N/49E-23	ST	COILS CK. TRIB.	5/1964	450	6125	DISCHARGE EST.	ROBINSON ET AL 67
20N/50E-13A	SP	LONE MTN. SPR.	10/1980	0.0	6110	DISCHARGE=SEEP	ERTEC 80
20N/51E- 6CCC	SP	MUD SPRING	10/1980	0.0	6140	DISCHARGE=SEEP	ERTEC 80
20N/51E-22	ST	SLOUGH CK.	5/1964	670	6240	DISCHARGE EST.	ROBINSON ET AL 67
20N/52E-20ACC	SP		9/1980	12	6070		ERTEC 80
20N/52E-26	ST	SLOUGH CK.	5/1964	1100	5975	DISCHARGE EST.	ROBINSON ET AL 67
19N/46E- 2DAA	ST	DRY CREEK	10/1980	37	7300		ERTEC 80
19N/49E-20	ST	WILLOW CK.	5/1964	450	6260	DISCHARGE EST.	ROBINSON ET AL 67
19N/50E- 5AA	SP	HOT SPRING	9/1980	2.0	6100	DISCHARGE EST.	ERTEC 80
19N/50E-18BA	SP	WARM SPRINGS	9/1980	0.0	6140	DISCHARGE=SEEP	ERTEC 80
19N/51E- 5	ST	SLOUGH CK.	5/1964	850	6060	DISCHARGE EST.	RUSH ET AL 64
19N/51E- 7	ST	DAGGETT CREEK	5/1964	670	6060	DISCHARGE EST.	ROBINSON ET AL 67
19N/51E-30	ST	ANTELOPE WASH	4/1964	0.0	6120	NO FLOW	ROBINSON ET AL 67
18N/48E- 1AAD	SP	JACKRABBIT SPR.	10/1980	0.0	6600	DRY	ERTEC 80
18N/49E-12BAD	SP		9/1980	0.0	6600	DRY	ERTEC 80

Lake Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
10N/65E-13CB	WITTS	1966	130	10	6217	11/1966	110	6107		NV STATE ENG 79
10N/65E-360	GEYSER RCH.		165	10	5970	7/1963	26	5944	CAVE IN @ 28'	RUSH ET AL 63
10N/65E-360A	GEYSER RCH.	1965	843	14	5940	10/1965	10	5930		NV STATE ENG 79
10N/66E- 9A	BLM,HECKERTHORN		228	6	6050	7/1963	178	5872		RUSH ET AL 63
10N/66E-17A	BLM,TWISSELMAN		125	6	6010	7/1963	99	5911		RUSH ET AL 63
10N/66E-20CA	U.S.AIR FORCE	1980	160	2	5990				DESTROYED	ERTEC 80
10N/66E-31A			46	6	5935	7/1963	33	5902		RUSH ET AL 63
10N/66E-31AB	WITTS	1967	690	12	5940	5/1967	18	5922		NV STATE ENG 79
10N/66E-31BB	GEYSER RCH.	1966	468	14	5970	5/1966	60	5910		NV STATE ENG 79
10N/66E-34BB	WITTS	1966	155	8	6030	11/1966	110	5920		NV STATE ENG 79
10N/66E-34CD	U.S.AIR FORCE	1979	101	2	5960	3/1981	--		DRY OBS.WELL	ERTEC
10N/66E-340C	U.S.AIR FORCE	1980	200	2	6100	3/1981	--		DRY OBS.WELL	ERTEC
9N/65E- 1A1	GEYSER RCH.		165	10	5940	7/1963	38	5902	CAVE IN @ 40'	RUSH ET AL 63
9N/65E- 1A2	GEYSER RCH.		128	6	5940	7/1963	38	5902	UNUSED	RUSH ET AL 63
9N/65E- 18A	WITTS	1967	597	14	5990	1/1967	25	5965		NV STATE ENG 79
9N/65E- 18D2	GEYSER RANCH	1961	55	6	5980	/1961	35	5945		NV STATE ENG 79
9N/65E-13B	NV HWY. DEPT.	1962	57	6	5980	7/1963	16	5964		RUSH ET AL 63
9N/65E-13BA	TWISSELMAN	1950	65	6	5950	6/1950	F	> 5950	FLOWING 12GPM	NV STATE ENG 79
9N/65E-13B0	TWISSELMAN	1950	52	10	5950	6/1950	F	> 5950	FLOWING 65PGM	NV STATE ENG 79
9N/65E-13CC	WITTS	1967	330	14	5940	6/1967	F	> 5940	FLOWING 100GPM	NV STATE ENG 79
9N/65E-23B0		1967	297	10	6060	7/1967	185	5875		NV STATE ENG 79
9N/65E-25CB	WITTS	1967	635	16	5940	8/1967	8	5932		NV STATE ENG 79
9N/65E-26AA2	GEYSER RCH.	1972	100	5	5960	9/1972	10	5950		NV STATE ENG 79
9N/65E-35AC	WITTS	1965	580	14	5960	6/1965	42	5918		NV STATE ENG 79
9N/66E- 4A	BLM		53	6	5930	7/1963	37	5893		RUSH ET AL 63
9N/66E-23BD	GEYSER RCH.	1967	297	10	6100	7/1967	185	5915		NV STATE ENG 79
9N/66E-34A	BLM		103	6	6000	7/1963	88	5912		RUSH ET AL 63
8N/65E- 2AC	MENDENHALL	1960	150	10	5950	5/1960	35	5915		NV STATE ENG 79
8N/65E- 2D			130	10	5950	7/1963	35	5915	UNUSED	RUSH ET AL 63
8N/65E-10CC	GEYSER RCH.	1965	383	3	6185	7/1965	230	5955		NV STATE ENG 79
8N/65E-12D	BLM		45	4	5918	7/1963	24	5894		RUSH ET AL 63
8N/65E-13	NEV. HWY. DEPT.	1957	57	8	5920	8/1957	6	5914		NV STATE ENG 79
8N/65E-33D	BLM, MILK RCH.	1945	325	6	6220	8/1963	297	5923		RUSH ET AL 63
8N/65E-33DA	WITTS	1965	390	10	6200	12/1965	120	6080		NV STATE ENG 79
8N/65E-35AD	GEYSER RCH.	1968	200	10	5950	1/1968	55	5895		NV STATE ENG 79
8N/66E-10BC	GEYSER RCH.	1968	217	8	5961	6/1968	74	5887		NV STATE ENG 79
8N/66E-11AD	U.S.AIR FORCE	1980	200	2	6110	3/1981	--		DRY OBS.WELL	ERTEC
8N/66E-11BC	U.S.AIR FORCE	1979	101	2	6040	3/1981	--		DRY OBS.WELL	ERTEC
8N/66E-27B	BLM		56	5	5925	7/1963	45	5880		RUSH ET AL 63
8N/66E-36CB	U.S.AIR FORCE	1979	101	2	5935	11/1979	65	5870	OBSERVATION WELL	ERTEC 80
7N/65E- 9 1	GEYSER RCH.	1966	220	10	6220	1/1967	147	6073		NV STATE ENG 79
7N/65E- 9 2	GEYSER RCH.	1969	410	10	6220	6/1969	312	5908		NV STATE ENG 79
7N/65E-11CC	GEYSER RCH.	1967	220	10	6056	6/1967	147	5909		NV STATE ENG 79
7N/65E-14D	GEN. CONST.	1959	300	10	5980	7/1959	40	5940		NV STATE ENG 79
7N/65E-17D	BLM		229	6	6360	8/1963	212	6148		RUSH ET AL 63
7N/65E-17DA	WITTS	1966	264	8	6316	6/1966	200	6116		NV STATE ENG 79
7N/65E-23A	GEYSER RCH.	1967	276	8	5938	12/1967	75	5863		NV STATE ENG 79
7N/65E-23D	BLM		30	6	6020	8/1963	26	5994		RUSH ET AL 63
7N/65E-35		1968	250	10	6320	1/1968	90	6230		NV STATE ENG 79
7N/66E- 6C	BLM	1942	71	6	5921	8/1963	28	5893		RUSH ET AL 63
7N/66E-16CC	U.S.AIR FORCE	1979	101	2	5920	3/1981	17	5903	OBSERVATION WELL	ERTEC
7N/66E-33DB	GEYSER RCH.	1968	232	10	5932	7/1968	59	5873		NV STATE ENG 79
7N/66E-36C	BLM		126	6	5980	7/1963	109	5871		RUSH ET AL 63
7N/67E- 6BB	F & M LAND CO.	1955	872	10	6090	2/1955	16	6074	PLUGGED	RUSH ET AL 63
7N/67E-20C			180	6	6040	7/1963	168	5872		RUSH ET AL 63
7N/67E-21A	BLM		307	6	6160	7/1963	292	5868		RUSH ET AL 63
7N/67E-27CA	JORDAN	1965	505	12	6254	10/1965	192	6062		NV STATE ENG 79
6N/65E-14DA		1967	152	8	6153	3/1967	100	6053		NV STATE ENG 79
6N/65E-25AA	U.S.AIR FORCE	1980	200	2	6060	3/1981	--		DRY OBS.WELL	ERTEC
6N/66E- 8BA	BLM	1945	95	6	5931	8/1963	52	5879		RUSH ET AL 63
6N/66E-10B0	WISEMAN	1976	500	18	5935	8/1976	86	5849		NV STATE ENG 79
6N/66E-19B	BLM		233	8	5955	8/1963	96	5859		RUSH ET AL 63
6N/66E-19CB	GEN. CONST.	1959	240	8	5990	6/1959	90	5900		NV STATE ENG 79
6N/66E-22BA	SUNDGREN	1942	410	24	5960	6/1962	101	5859		RUSH ET AL 63
6N/66E-22BD	GARWOOD	1962	450	14	5955	6/1962	103	5852		RUSH ET AL 63
6N/66E-27BA	GEYSER RCH.	1972	180	5	5955	8/1972	120	5835		NV STATE ENG 79
6N/66E-27B0	WRIGHT	1964	541	14	5955	11/1964	102	5853		NV STATE ENG 79
6N/66E-27D0	GARWOOD	1967	476	14	5965	1/1967	109	5856		NV STATE ENG 79
6N/66E-29BB	LARSON	1967	450	14	5963	3/1967	116	5847		NV STATE ENG 79
6N/66E-29B0	LARSON	1966	421	14	5960	1/1966	118	5842		NV STATE ENG 79
6N/66E-30AA	GEYSER RCH.	1971	242	12	5965	11/1971	135	5830		NV STATE ENG 79
6N/66E-30AB	LARSON	1964	420	14	5980	12/1964	126	5854		NV STATE ENG 79
6N/66E-30BC	GEYSER RCH.	1969	320		6030	8/1969	205	5825		NV STATE ENG 79
6N/66E-32BC	FRY	1959	175	8	6032	4/1959	145	5887		NV STATE ENG 79
6N/66E-34DA	SUNDGREN	1966	500	14	5970	1/1966	107	5863		NV STATE ENG 79
6N/66E-350	BLM		161	8	5990	7/1963	130	5860		RUSH ET AL 63
6N/67E- 5B		1966	324	12	6060	1/1966	194	5846		NV STATE ENG 79
6N/67E-18C1	BLM	1954	275	6	6080	7/1963	208	5872		RUSH ET AL 63
6N/68E- 9C	ATLANTA CO.		385	12	7186	6/1955	22	7164		NV STATE ENG 79
5N/66E- 3A0	GERLACH	1966	500	14	5962	1/1966	107	5855		NV STATE ENG 79
5N/66E-14AC	BLM	1955	225	6	5935	4/1955	145	5840		NV STATE ENG 79
5N/66E-14B0	BLM	1955	146	6	5980	7/1963	138	5842		RUSH ET AL 63
5N/66E-35	DODGE CONST. CO.	1953	300	6	5940	3/1953	200	5740		NV STATE ENG 79
5N/67E-35BC1	WMS. & SONS	1966	25	12	6800	12/1966	3	6797		NV STATE ENG 79
5N/67E-35BC2	WMS. & SONS	1966	30	12	6800	12/1966	7	6793		NV STATE ENG 79
5N/68E- 6C	COTTINO		35		6640	9/1963	34	6606		RUSH ET AL 63
4N/66E- 2A	BLM	1937	301	6	5900	3/1953	195	5705		RUSH 64
4N/66E- 2CC	BLM	1937	260	7	5960	10/1937	230	5730		NV STATE ENG 79
4N/66E-14D	BLM	1958	303	6	5860	7/1958	165	5695		NV STATE ENG 79
4N/66E-35AC			144	4	5775	7/1963	123	5652		RUSH 64

Lake Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
3N/66E- 2DD	BLM	1937	140	7	5730	11/1937	90	5640		NV STATE ENG 79
3N/66E- 8AC	WELLS CARGO INC.	1953	303	3	5900	10/1953	210	5690		NV STATE ENG 79
3N/66E-23D		1937	87	6	5676	10/1963	42	5634		RUSH 64
3N/67E- 4BC	BLM	1958	382	6	6000	1/1958	340	5660		RUSH 64
3N/67E- 5AD	BLM	1966	382		5975	12/1966	352	5623		NV STATE ENG 79
3N/67E-19BA	U.S.AIR FORCE	1980	200	2	5775	3/1981	147	5628	OBSERVATION WELL	ERTEC
2N/66E-13CA	U.S.AIR FORCE	1980	200	2	5920	3/1981	--		DRY OBS.WELL	ERTEC
2N/67E-14AA	U.S.AIR FORCE	1979	100	2	5720	3/1981	--		DRY OBS.WELL	ERTEC
2N/67E-16C	HOLLINGER	1948	52	6	5600	/1948	22	5578		NV STATE ENG 79
2N/67E-16D1		1963	48	6	5574	10/1963	--		DRY	RUSH 64
2N/67E-18BC	U.S.AIR FORCE	1979	100	2	5800	3/1981	--		DRY OBS.WELL	ERTEC
2N/67E-24BA	BINGHAM	1972	190	14	5700	7/1972	--		DRY	NV STATE ENG 79
2N/67E-27A	KANVIE	1976	89		5535	7/1976	38	5497		NV STATE ENG 79
2N/67E-27AA	TIEMLE	1971	500	10	5533	1/1971	24	5509		NV STATE ENG 79
2N/67E-35CB	U.S.AIR FORCE	1980	150	2	5510	3/1981	56	5454	OBSERVATION WELL	ERTEC
2N/68E- 7BD	U.S.AIR FORCE	1980	203	2	5890	3/1981	--		DRY OBS.WELL	ERTEC
2N/68E-27AD	BLM	1937	40	8	5980	12/1937	16	5964		RUSH 64
1N/67E- 8BB	U.S.AIR FORCE	1980	200	2	5920	3/1981	--		DRY OBS.WELL	ERTEC
1N/67E-15A	PIOCHE MINES	1938	563		5760	1/1938	368	5392		RUSH 64

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT.	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/66E-31A1	WE	8-63		15.0	322	7.8	203	27	54	5.7	7.4
2	9N/65E- 4C1	SP	8-63	GEYSER SPRING	20.0	181	8.0	115	13	30	3.4	3.0
3	3N/66E- 2DD	WE	10-63		--	374	7.8	--	--	42	9.0	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.9	0	199	9.6	6	ND	1.2	ND	--	--	*2	RUSH ET AL 63
2	1.0	0	103	3.0	5	--	.6	ND	--	--	*2	RUSH ET AL 63
3	--	--	129	30	--	--	--	--	--	--		RUSH 64

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
10N/65E-19D1	SP	N.CREEK SPRING	8/1963	770	7800		RUSH ET AL 63
10N/65E-29C1	SP	LTL.N.CREEK SPR.	8/1963	40	7800		RUSH ET AL 63
9N/65E- 4C1	SP	GEYSER SPRING	8/1963	200	7120	DIS.200-225GPM AVE.	RUSH ET AL 63
9N/65E-30D	SP	PATTERSON SPRING	8/1963	10.0	7800		RUSH ET AL 63
6N/65E-23B	SP	BURNT CORRAL SPR.	8/1963	1.0	6720		RUSH ET AL 63
6N/68E-11C1	SP	COLE RANCH SPR.	8/1963	25	8120		RUSH ET AL 63
5N/66E- 6D	SP	PONEY SPRING	8/1963	10.0	6162		RUSH ET AL 63
5N/68E-17A1	SP	COTTINO SPRING	8/1963	100	7000	DISCHARGE EST.	RUSH ET AL 63

Little Smoky Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
17N/53E-29BCD	BARTHOLOMAE				6192	3/1980	156	6036		ERTEC 80/NVSEO
17N/54E- 8BD	BLM	1966	322	6	6200	9/1966	293	5907		NV STATE ENG 79
17N/54E-21AB	HULL	1965	210	16	6005	7/1977	90	5915		MARION 80
17N/54E-21BB	TODD	1965	285	16	6020	5/1976	95	5925		MARION 80
17N/54E-21CB	TODD	1977	260	16	5990	3/1977	74	5916		MARION 80
17N/54E-21DB	HULL	1970	252	16	5985	7/1977	65	5920		MARION 80
17N/54E-22ABA					5980	3/1980	54	5926		ERTEC 80/NVSEO
17N/54E-29CAB	BARTHOLOMAE	1960	61	48	5987	3/1980	53	5934		ERTEC 80/NVSEO
17N/54E-31BD	U.S.AIR FORCE	1980	160	2	6078	3/1981	91	5987	OBSERVATION WELL	ERTEC
16N/53E-10DCB	BARTHOLOMAE		539	12	6034	3/1980	6	6028		ERTEC 80/NVSEO
16N/53E-30BDB	BARTHOLOMAE	1942	186	8	6119	3/1980	78	6041		ERTEC 80/NVSEO
16N/53E-32CC	U.S.AIR FORCE	1980	170	2	6177	3/1981	136	6041	OBSERVATION WELL	ERTEC
16N/54E-15BAC			85	48	6017	3/1980	--		DRY WELL	ERTEC 80/NVSEO
16N/54E-20BAC	BARTHOLOMAE	1956	125	6	6023	/1956	77	5946		RUSH ET AL 66
15N/52E-13BAD	BARTHOLOMAE	1942	376	5	6400	3/1980	346	6054		ERTEC 80/NVSEO
15N/52E-35CDA			500		6435	/1963	400	6035		RUSH ET AL 66
15N/53E-23ACD	BARTHOLOMAE		350		6140	/1965	186	5954		RUSH ET AL 66
15N/53E-28ABC	BARTHOLOMAE	1956	242	8	6180	/1956	220	5960		RUSH ET AL 66
15N/53E-32DBD	KINCAID	1953	242	12	6231	3/1980	221	6010		ERTEC 80/NVSEO
15N/54E- 6DCB	FISH CREEK RANCH		164	48	6100	3/1980	161	5939		ERTEC 80/NVSEO
15N/54E-11ADD			45		6360	3/1980	10	6350		ERTEC 80/NVSEO
15N/54E-18BD	U.S.AIR FORCE.	1980	160	2	6160	1/1981	--		DRY OBS.WELL	ERTEC
14N/51E-24CAA					6995	3/1980	10	6985		ERTEC 80/NVSEO
11N/53E- 6CDB			900		6535	3/1980	500	6035		ERTEC 80/NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	17N/54E-16B	WE	10-65		13.9	409	7.9	--	--	28	24	31
2	16N/53E- 8B	SP	9-65	FISH CREEK SPRING	17.2	444	8.2	--	--	28	29	38
3	16N/53E- 8CBA	SP	3-80	FISH CK SPG POND	17.0	550	7.6	--	ND	60	32	26
4	16N/53E- 9C	SP	8-65		17.8	462	8.2	--	--	37	29	36
5	16N/53E-12ABD	ST	3-80	FISH CREEK	3.5	835	8.3	--	ND	58	51	55
6	15N/54E- 6DCB	WE	10-65		13.9	254	7.6	--	--	30	4.6	16
7	15N/54E-11ACB	SP	3-80	POGUES STA.SPR.	7.5	2100	7.4	--	ND	260	16	61
8	14N/51E-23CCA	SP	3-80	PINE SPRING	6.5	250	8.1	--	ND	25	5.9	15

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1		0	219	9.0	42	--	--	--	--	--	*5	RUSH 66
2		0	267	11	37	--	--	--	--	--	*5	RUSH 66
3	6.1	0	388	8.4	37	.5	.3	--	--	--	*4	ERTEC 80
4		0	273	8.6	51	--	--	--	--	--	*5	RUSH 66
5	9.7	0	547	17	72	.6	ND	--	--	--	*1	ERTEC 80
6		0	126	6.6	20	--	--	--	--	--	*5	RUSH 66
7	3.1	0	465	31	1080	.4	.2	--	--	--	*1	ERTEC 80
8	2.5	0	146	8.9	13	.1	ND	--	--	--	*1	ERTEC 80

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DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES: *1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
16N/53E- 8B	SP	FISH CREEK SPRINGS	9/1965	4000	6040		HESS ET AL 78
16N/53E- 8B	SP	FISH CREEK SPRINGS	11/1965	2400	6040		RUSH ET AL 66
16N/53E-12ABD	ST	FISH CREEK	3/1980	680	6010		ERTEC 80
15N/54E-11ACB	SP	POGUES STA.SPR.	3/1980	0.3	6350		ERTEC 80
14N/51E-22C	SP	PINE SPRING		450	7400		RUSH ET AL 66
14N/51E-23CCA	SP	PINE SPRING	3/1980	180	7200		ERTEC 80
14N/51E-34A	SP	SNOWBALL RCH.SPR.		90	7360		RUSH ET AL 66

Little Smoky Valley, Nevada
(Big Sand Springs Valley)

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
10N/53E-28DD	U.S.AIR FORCE	1980	200	2	6055	1/1981	--		DRY OBS. WELL	ERTEC
9N/53E- 8ACD	BLM	1966	680	8	5991	6/1966	630	5361		NV STATE ENG 79
8N/52E- 18D1	NRC	1968	6500	20	5863	5/1980	490	5373	INTVL TESTED-2050'	ERTEC 80/NVSEO
8N/52E-15BC1	NRC		6011	20	5910	8/1968	556	5354	INTVL TESTED-645'	DINWIDDIE ET AL 71
8N/52E-25DA	BLM	1966	130		5820	4/1966	--		DRY	NV STATE ENG 79
8N/53E-16AC	NRC	1969	6036	20	5862	1/1969	474	5388	INTVL TESTED-720'	DINWIDDIE ET AL 71
8N/53E-16AC2	BLM/ROGERS	1935	29	38	5560	6/1980	0	5560		ERTEC 80/NVSEO
8N/53E-29DA1	U.S.AIR FORCE	1981	649	2	5811	5/1981	471	5340	OBSERVATION WELL	ERTEC
8N/53E-29DA2	U.S.AIR FORCE	1981	573	10	5811	5/1981	468	5343	TEST WELL	ERTEC
8N/53E-33CB	NRC		7500	20	5795	3/1981	488	5307		ERTEC /NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/52E-23AA	SP	5-80	SQUAW WELLS SP.	10.0	600	7.3	--	14	66	23	29
2	8N/52E- 18D2	WE	3-68	NRC SITE	56.0	773	8.4	587	47	3.6	.2	200
3	8N/52E- 19D3	WE	8-68	NRC SITE	36.0	1020	8.3	707	44	3.4	.4	200
4	8N/52E-15BC2	WE	9-68	NRC SITE	30.0	494	7.4	452	28	6.6	1.4	120
5	8N/52E-15BC3	WE	10-68	NRC SITE	53.0	420	7.5	278	39	4.4	.6	94
6	8N/52E-15BC4	WE	10-68	NRC SITE	33.0	434	7.5	293	36	4.8	.6	94
7	8N/53E-16AC1	WE	1-69	NRC SITE	22.0	315	8.2	266	81	19	.6	46
8	8N/53E-16AC3	WE	1-69	NRC SITE	38.0	373	9.5	263	44	3.7	.1	87
9	8N/53E-29DA2	WE	5-81	USAF TEST WELL	19.0	245	7.0	166	46	21	1.2	27
10	8N/53E-29DA2	WE	5-81	USAF TEST WELL	18.0	228	7.0	97	23	22	1.8	27
11	8N/53E-33CC	WE	5-91		16.0	235	8.8	172	26	1.7	ND	56

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.0	0	254	30	78	.3	.1	--	--	--	*1	ERTEC 80
2	5.8	6	396	21	35	12	.7	370	820	--	*2	DINWIDDIE ET AL 71
3	1.6	9	554	25	37	18	.4	510	270	25	*2	DINWIDDIE ET AL 71
4	2.2	0	245	10.0	39	6.4	.5	370	4300	80	*2	DINWIDDIE ET AL 71
5	2.0	0	201	12	24	5.2	ND	150	55	6.0		DINWIDDIE ET AL 71
6	2.2	0	214	14	24	5.8	ND	210	75	15		DINWIDDIE ET AL 71
7	5.6	0	135	8.8	29	1.0	6.6	240	360	30	*2	DINWIDDIE ET AL 71
8	1.4	33	116	8.3	24	1.4	2.2	130	550	12	*2	DINWIDDIE ET AL 71
9	4.6	0	113	4.8	18	.6	1.9	--	50	20	*1	ERTEC
10	4.7	0	119	5.8	16	.5	1.8	200	30	ND	*1	ERTEC
11	.5	4	111	4.8	18	.7	.7	--	350	20	*1	ERTEC

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
11N/55E-30C	SP	PORTUGESE SP.	5/1980	2.0	6880	DISCHARGE 2-3GPM	ERTEC 80
10N/52E-23AA	SP	SQUAW WELLS SP.	5/1980	3.0	6960		ERTEC 80
10N/54E-25BA	SP	MARTIN SP.	5/1980	2.0	7320	DISCHARGE 2-3GPM	ERTEC 80
9N/52E-12BAA	SP	NEEDLES SP.	5/1980	2.0	6580	DISCHARGE 2-3GPM	ERTEC 80

Long Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
24N/59E- 1DC	U.S.AIR FORCE	1980	150	2	6290	3/1981	103	6187	OBSERVATION WELL	ERTEC
23N/57E-24A	BLM		270	6	6640	11/1980	234	6405		ERTEC 80/NVSEO
23N/58E-27A	U.S.AIR FORCE	1980	150	2	6200	3/1981	107	6093	OBSERVATION WELL	ERTEC
23N/58E-34AD				6	6125	11/1980	58	6066		ERTEC 80/NVSEO
23N/59E- 6C	U.S.AIR FORCE	1980	150	2	6225	3/1981	72	6153	OBSERVATION WELL	ERTEC
23N/59E-16C	U.S.AIR FORCE	1980	150	2	6225	3/1981	62	6163	OBSERVATION WELL	ERTEC
22N/57E-35A	AMSELCO				6475	/1979	700	5775		AMSELCO MINE CO 80
22N/58E-21AD	GOICOECHEA		125	6	6090	11/1980	40	6049		ERTEC 80/NVSEO
22N/58E-34D	U.S.AIR FORCE	1980	150	2	6090	3/1981	50	6040	OBSERVATION WELL	ERTEC
22N/59E-10BD	ELIA		123	6	6160	11/1980	23	6136		ERTEC 80/NVSEO
22N/59E-28B	ELIA		71	6	6125	11/1980	64	6060		ERTEC 80/NVSEO
21N/58E- 7C	GOICOECHEA		13		6290	10/1957	11	6279		EAKIN 61
21N/58E-10D	ETCHEGARY		120	6	6070	11/1980	48	6022		ERTEC 80/NVSEO
21N/58E-21A	U.S.AIR FORCE	1980	150	2	6075	3/1981	57	6018	OBSERVATION WELL	ERTEC
21N/58E-32C1	ETCHEGARY			8	6090	11/1980	73	6016		ERTEC 80/NVSEO
21N/58E-32C2	ETCHEGARY		105		6090		86	6004		EAKIN 61
21N/58E-35BA	ELIA		79	6	6060	11/1980	68	5991		ERTEC 80/NVSEO
21N/59E-18DA	ELIA			6	6100	11/1980	89	6010		ERTEC 80/NVSEO
21N/59E-31D	ELIA		201	6	6225	11/1980	170	6055		EAKIN 61
20N/58E- 8C1	GOICOECHEA		114		6100	1/1948	91	6008	DUG WELL	EAKIN 61
20N/58E- 8C2	BLM	1952	170	6	6100	10/1957	90	6009		EAKIN 61
20N/58E- 8C3	BLM	1953	225	8	6100	2/1961	90	6009		EAKIN 61
20N/58E-14A	GOICOECHEA		135	8	6090	11/1980	116	5973		ERTEC 80/NVSEO
20N/58E-20D	BLM	1964	233	6	6175	11/1980	166	6009		ERTEC 80/NVSEO
20N/59E-29CB	BLM	1964	323	6	6250	1/1964	270	5980		NV STATE ENG 79
19N/58E- 3AD	BLM	1964	344	8	6300	4/1964	262	6038		NV STATE ENG 79

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	23N/58E-36B	SP	11-80	LONG V. SLOUGH	18.0	360	9.0	212	12	30	17	11
2	23N/58E-36C	SP	11-80	LONG V.SLOUGH	4.0	425	8.2	309	10	47	22	15
3	22N/58E-35BB	WE	11-80		8.0	7500	7.6	5800	67	43	130	1600
4	21N/59E- 5D	WE	11-80		12.0	3700	8.5	3200	9.4	340	190	200
5	21N/59E-31D	WE	11-80	MCBRIDES SHEEP WELL	12.0	1050	7.3	961	12	95	50	21
6	20N/59E-29CB	WE	11-80		13.0	310	8.5	180	13	24	11	17

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	3.0	21	153	10.0	40	.3	.2	--	ND	ND	*1	ERTEC 80
2	4.0	0	227	14	48	.4	ND	--	--	--		ERTEC 80
3	250	0	872	1200	1956	1.1	.1	--	300	31	*1	ERTEC 80
4	4.7	0	92	1000	557	.3	.1	--	ND	15	*1	ERTEC 80
5	3.4	0	92	200	30	.2	.6	--	--	--	*1	ERTEC 80
6	2.5	0	144	9.2	14	.3	1.8	--	96	ND	*1	ERTEC 80

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NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
23N/58E-36B	SP	LONG V. SLOUGH	11/1980	80	6120	DISCHARGE EST.	ERTEC 80
23N/58E-36C	SP	LONG V.SLOUGH	11/1980	300	6110	DISCHARGE EST.	ERTEC 80
19N/59E-31AC	SP	NORTH SPRING	11/1980	2.0	6820	DISCHARGE EST.	ERTEC 80

Lund District, Utah

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. – yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-31-12) 4ddd	Nada	1950	132	6	5140	11-80	107	5033	1,3	
(C-31-12) 17dcb	Bonner	–	49	48	5094	11-80	46	5048	1,3	
(C-31-13) 1dbb	Stephenson	1928	114	12	5071	11-80	29	5042	1,3	abandoned
(C-31-13) 4bcc	Beehive	1931	94	12	5072	11-80	29	5043	1,3	
(C-31-13) 6adc	Beehive	1915	84	8	5105	11-80	51	5054	1,3	
(C-31-13) 18aad	Beehive	1961	101	6	5117	11-80	69	5048	1,3	
(C-31-14) 9bdb	BLM	–	–	8	5504	11-80	37	5467	1,2	
(C-32-13) 14aad	BLM	–	132	6	5130	11-80	63	5067	1,2	
(C-32-13) 27bdd	Bulloch	1968	171	6	5138	11-80	62	5076	1,2	
(C-32-14) 5bd	U.S. Air Force	1981	101	2	5160(e)	2-81	91	5069	1	
(C-32-14) 10da	U.S. Air Force	1981	160	2	5077(e)	2-81	8	5069	1	
(C-32-15) 31cdc	U.S. Air Force	1981	101	2	5350(e)	2-81	Dry	–	1	
(C-32-16) 27abb	Reber	–	48	54	5670	11-80	20	5650	1,2	
(C-32-16) 28dba	Matheson	1915	–	48	5675	11-80	7	5668	1,2	
(C-32-16) 33cba	Reber	1968	34	8	5570	11-80	6	5564	1,2	
(C-33-12) 11aaa	BLM	–	90	8	5282	11-80	37	5245	1,2	
(C-33-12) 14ddb	Milne	1965	136	6	5296	11-80	50	5246	1,2	
(C-33-12) 21aad	Murie	1967	252	6	5328	11-80	93	5235	1,2	
(C-33-12) 21bbb	BLM	1918	136	3	5288	11-80	126	5162	1,2	
(C-33-13) 3caa	Schoppman	1918	168	6	5147	11-80	66	5081	1,2	
(C-33-14) 17ddd	BLM	1945	–	6	5110	11-80	21	5089	1,2	W.Q.
(C-33-14) 20ccb	Jones	–	–	6	5102	11-80	10	5092	1,2	
(C-33-14) 36ddb	Jones	1924	160	6	5166	12-80	69	5097	1,2	

1. Ertec Western, 1981
2. U.S.G.S., 1980
3. Mower and Cordova, 1974

(e) - Estimated
W.Q.- Water quality sample obtained by Ertec Western

Milford District, Utah

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. – yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-28-11) 23abb2	So. Milford	1968	118	6	4988	11-80	44	4944	1,3	
(C-28-11) 26dcb	Cook	1928	20	16	4976	11-80	25	4951	1,2	
(C-28-11) 35cad	Cook	–	–	–	4981	11-80	28	4953	1,3	abandoned
(C-29-11) 10ddd	Cook	1957	103	6	5007	11-80	40	4967	1,3	W.Q.
(C-29-11) 11ddd	Cook	1961	155	8	5018	11-80	52	4966	1,3	
(C-29-12) 31baa	BLM	–	–	6	5440	11-80	169	5271	1,2	
(C-29-12) 35cc	U.S Air Force	1981	160	2	5105	2-81	105	5000	1	
(C-29-12) 36cbb	BLM	–	–	8	5110	11-80	108	5002	1,3	W.Q.
(C-30-10) 17add	Minersville	–	74	4	5160	11-80	Dry	–	1,2	
(C-30-11) 9cdd	Nelson & Gates	–	–	–	5044	11-80	49	4995	1,2	
(C-30-11) 22ddc	BLM	1935	165	6	5124	11-80	Dry	–	1,2	Dry @115'
(C-30-12) 3dda	Posik	1935	–	6	5061	11-80	57	5004	1,3	
(C-30-12) 9add	Larsen	1940	50	10	5065	11-80	42	5023	1,3	
(C-30-12) 13bcb	Minersville	–	43	2	5023	11-80	Dry	–	1,3	destroyed
(C-30-13) 8dc	U.S. Air Force	1981	100	2	5255(e)	2-81	Dry	–	1	
(C-30-13) 11aa	U.S. Air Force	1981	51	2	5310(e)	2-81	Dry	–	1	
(C-30-13) 14bcc	Cook	–	–	6	5189	11-80	151	5038	1,3	
(C-30-13) 21ddd	Guymon	–	74	7	5123	11-80	Dry	–	1,2	
(C-30-13) 23cdd	Cook	1913	75	17	5094	11-80	54	5040	1,3	
(C-30-13) 33abb	Cook	1913	90	12	5091	11-80	54	5037	1,3	
(C-30-13) 34bba	Cook	1916	144	12	5086	11-80	44	5042	1,2	

1. Ertec Western, 1981
2. U.S.G.S., 1980
3. Mower and Cordova, 1974

(e) - Estimated
W.Q.- Water quality sample obtained by Ertec Western

Milford District, Utah

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-27-10) 3CBC	PEARSON	1920	60	16	4922				USGS 1980	
(C-27-10) 6DAC	EPHRAIM	1970	100	8	4918	09 1970	0.1	4917	MOWER & CORDOVA 1974	
(C-27-10) 7ACD		1925		8	4928				USGS 1980	DESTROYED
(C-27-10)10BBC	HANSON				4978	06 1970			USGS 1980	DESTROYED
(C-27-10)12ODD	PHILIPS								USGS 1980	
(C-27-10)16ADC	HANSON				5005	05 1927	87.0	4918	USGS 1980	DESTROYED
(C-27-10)17BBC	BLM	1934	28	18	4935				USGS 1980	
(C-27-10)17CBD	CANNON				4920	10 1926	5.0	4915	USGS 1980	DESTROYED
(C-27-10)18DBA	CANNON	1941	74	14	4945	09 1972	14.0	4931	MOWER & CORDOVA 1974	
(C-27-10)21ABB	BLM	1962	116	8	4992	12 1962	56.0	4936	MOWER & CORDOVA 1974	DESTROYED
(C-27-10)27AAA	BLM	1972	857	6	5094	06 1972	126.0	4968	MOWER & CORDOVA 1974	
(C-27-10)29ACC	SULLIVAN	1917	241	4	4939	09 1970	2.0	4937	MOWER & CORDOVA 1974	
(C-27-10)31DAA	MILFORD	1940	391	6	5031	10 1972	97.0	4934	MOWER & CORDOVA 1974	
(C-27-10)31DCB	SULLIVAN	1956	700	14	5040	10 1971	88.0	4952	MOWER & CORDOVA 1974	
(C-27-10)32AAA	SULLIVAN				4942	05 1927	1.0	4941	USGS 1980	DESTROYED
(C-27-10)32DCC	SULLIVAN	1925		8	4965	05 1927	18.0	4947	USGS 1980	DESTROYED
(C-27-10)32DDD	SULLIVAN	1925		8	4947	05 1927	2.0	4945	USGS 1980	DESTROYED
(C-27-10)33CBC	HANSON	1902	110	2	4945				USGS 1980	DESTROYED
(C-27-10)34DAD	HANSON		178	3	5130	06 1953	156.0	4974	MOWER & CORDOVA 1974	
(C-27-10)6ADC		1928			4917					
(C-27-11)22DCD	BLM	1957	279	8	5152	05 1957	204.0	4948	MOWER & CORDOVA 1974	
(C-27-11)27CCC	BLM	1971	665	6	5310	07 1971	370.0	4940	MOWER & CORDOVA 1974	
(C-27-11)34DAB	ESSEX	1947	300	16	5235		274.0	4961	MOWER & CORDOVA 1974	
(C-27-11)34DBA	ESSEX	1967	593	10	5248	1967	295.0	4953	MOWER & CORDOVA 1974	
(C-27-12)26CAB	BLM	1934	336	8	5635	1934	141.0	5494	MOWER & CORDOVA 1974	
(C-27-13) 9ABA	ROSARIO	1909			5780				USGS 1980	DESTROYED
(C-27-13)13DBD	TINIC	1879			6520				USGS 1980	DESTROYED
(C-27-14)27ABD	USGS 1980	1948	282		5020				USGS 1980	DESTROYED
(C-28-10) 4BCD		1925			5058	05 1927	100.0	4958	USGS 1980	DESTROYED
(C-28-10) 5CDC	SULLIVAN		360	6	4947	09 1970	10.0	4937	MOWER & CORDOVA 1974	
(C-28-10) 5CAB	SULLIVAN	1917	400	2	4958				USGS 1980	DESTROYED
(C-28-10) 5CDC3	SULLIVAN	1964	146	16	4951	1964	4.0	4947	MOWER & CORDOVA 1974	
(C-28-10) 5DAD	BURNS	1965	130	6	4953	1968	15.0	4938	MOWER & CORDOVA 1974	
(C-28-10) 6ABB	SULLIVAN	1936	354	12	5032	10 1936	75.0	4957	USGS 1980	DESTROYED
(C-28-10) 6BBC		1918	90		5035				USGS 1980	DESTROYED
(C-28-10) 7CDB	BEARD	1910	75	42	5025				USGS 1980	DESTROYED
(C-28-10) 8DAC1	MILFORD	1947	173	12	5001	1971	62.0	4939	MOWER & CORDOVA 1974	
(C-28-10) 8DAC2	MILFORD	1971	439	12	5001	1971	64.0	4937	MOWER & CORDOVA 1974	
(C-28-10) 8DDC	BEAVER SCHOOL	1915	267	6	5008				USGS 1980	
(C-28-10) 7AAC2	MILFORD	1960	589	16	4970	1960	18.0	4952	MOWER & CORDOVA 1974	
(C-28-10) 7AAD1	MILFORD	1913	478	12	4958				USGS 1980	DESTROYED
(C-28-10) 7AAD2	MILFORD	1921	448	10	4957	02 1952	58.0	4899	USGS 1980	
(C-28-10) 7AAD5	MILFORD	1951	447	16	4958	02 1952	24.0	4934	USGS 1980	
(C-28-10) 7ABB	MILFORD	1930	153	6	5018	04 1940	65.0	4953	USGS 1980	
(C-28-10) 7ADB	MILFORD	1947	533	14	4970	12 1955	30.0	4720	USGS 1980	
(C-28-10) 7BBB	KIRK	1947	464	16	5042	04 1957	88.0	4954	USGS 1980	DESTROYED
(C-28-10) 7CCC	UNION PACIFIC	1932	144	6	4995				USGS 1980	DESTROYED
(C-28-10) 7DAA	DAVIE	1949	79	4	4960				USGS 1980	
(C-28-10) 7DAB	UNION PACIFIC	1909	555	12	4961				MOWER & CORDOVA 1974	
(C-28-10) 8AAD	SULLIVAN	1967	185	16	4962	03 1976	17.0	4945	USGS 1980	
(C-28-10) 8ABC			200		4953				USGS 1980	DESTROYED
(C-28-10) 8BAC1	SULLIVAN	1927	70	14	4955				USGS 1980	DESTROYED
(C-28-10) 8BAC2	SULLIVAN	1955	144	16	4955	09 1955	5.0	4950	MOWER & CORDOVA 1974	
(C-28-10) 8BAD1	SULLIVAN	1926	60	14	4953				USGS 1980	
(C-28-10) 8BAD2	SULLIVAN	1927	70	14	4953	12 1941	2.0	4951	USGS 1980	
(C-28-10) 8BAD3	SULLIVAN	1955	145	16	4953	09 1955	5.0	4948	MOWER & CORDOVA 1974	
(C-28-10) 8BBC1	UNION PACIFIC	1927	745	10	4956				USGS 1980	
(C-28-10) 8BBC2	UNION PACIFIC		310		4957				USGS 1980	DESTROYED
(C-28-10) 8CAB	GILLINS				4955				USGS 1980	
(C-28-10) 8CAC1	GILLINS	1931	67	14	4957	02 1938	2.0	4955	USGS 1980	DESTROYED
(C-28-10) 8CAC2	GILLINS	1951	78	14	4957	10 1972	20.0	4937	MOWER & CORDOVA 1974	
(C-28-10) 8CBA	UNION PACIFIC				4957	09 1970	18.0	4939	USGS 1980	DESTROYED
(C-28-10) 8CDD1		1931	14		4958	04 1940	2.0	4956	USGS 1980	DESTROYED
(C-28-10) 8CDD2	GILLINS	1969	96	6	4958	12 1969	20.0	4938	USGS 1980	
(C-28-10) 8DBD	MURDOCK	1916	274	2	4958	04 1946	3.0	4955	USGS 1980	DESTROYED
(C-28-10) 8DCC	THOMPSON	1920			4958				USGS 1980	
(C-28-10)14BBA	HANSON	1957	255	8		12 1957	190.0		USGS 1980	
(C-28-10)14BBB	HANSON	1915	225	4	5170				USGS 1980	DESTROYED
(C-28-10)15CCC	HANSON	1930		4	5078				USGS 1980	DESTROYED
(C-28-10)16BAA					5015				USGS 1980	DESTROYED
(C-28-10)16CDA	MAYER	1952	430	16	5026	03 1979	56.0	4970	USGS 1980	
(C-28-10)16DCB	MC CONNELL				5030				USGS 1980	DESTROYED
(C-28-10)16DDD	MC CONNELL				5070				USGS 1980	DESTROYED
(C-28-10)17BAB	TAYLOR	1934	30	8	4959	05 1965	22.0	4937	USGS 1980	DESTROYED
(C-28-10)17BDA	POOL	1941		8	4964	03 1958	7.0	4957	MOWER & CORDOVA 1974	
(C-28-10)17CCC	GOODWIN	1934	92	14	4970	04 1940	6.0	4964	MOWER & CORDOVA 1974	
(C-28-10)17CDC1	DAVIE	1953	60	14	4971	04 1940	6.0	4965	USGS 1980	DESTROYED
(C-28-10)17CDC2	DAVIE	1953	220	14	4971	05 1965	22.0	4949	MOWER & CORDOVA 1974	
(C-28-10)17CDD	TAYLOR	1949	170	14	4975	03 1950	8.0	4967	MOWER & CORDOVA 1974	
(C-28-10)17DCD	MAYER	1951	155	14	4983	04 1952	16.0	4967	MOWER & CORDOVA 1974	
(C-28-10)18ACA	GOODWIN	1882	60	2	4972				MOWER & CORDOVA 1974	DESTROYED
(C-28-10)18ACD1		1928	75		4963	01 1938	7.0	4956	USGS 1980	DESTROYED
(C-28-10)18ACD2		1955	180		4963				USGS 1980	
(C-28-10)18ADA	GOODWIN	1950	10	8	4961				USGS 1980	DESTROYED
(C-28-10)18CAB	MAYER	1949	193	14	4970	10 1979	32.0	4938	USGS 1980	
(C-28-10)19DCD	SLY	1961	112	6	4968	09 1961	20.0	4948	USGS 1980	

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above msl)	DATE OF MEASUREMENT (mo yr)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above msl)	REFERENCES	REMARKS
(C-28-10)19DDD	MERRYWEATHER	1975	252	8	4969	09 1975	42.0	4927	USGS 1980	
(C-28-10)19AAA	PRICE	1953	224	6	4971				USGS 1980	DESTROYED
(C-28-10)19ABC	WALKER	1904	260	2	4968	11 1936	0.0	4968	USGS 1980	
(C-28-10)19ABD1	WALKER	1924	60	18	4969	06 1950	6.0	4963	USGS 1980	DESTROYED
(C-28-10)19ABD2	WALKER	1961	189	0	4969				MOWER & CORDOVA 1974	
(C-28-10)19ACC1	PRICE	1930	63	16	4972	05 1951	9.0	4963	USGS 1980	DESTROYED
(C-28-10)19ACC2	PRICE	1956	200	14	4973	05 1956	18.0	4955	MOWER & CORDOVA 1974	
(C-28-10)19ADD1	PRICE	1923	65	16	4973	11 1936	11.0	4962	MOWER & CORDOVA 1974	DESTROYED
(C-28-10)19ADD2	PRICE		76		4974				USGS 1980	DESTROYED
(C-28-10)19ADD3	PRICE	1954	160	14	4974	03 1972	33.0	4941	MOWER & CORDOVA 1974	
(C-28-10)19BBC	YARDLEY	1935	71	14	4971	01 1938	9.0	4962	MOWER & CORDOVA 1974	
(C-28-10)19BCB1					4969				USGS 1980	DESTROYED
(C-28-10)19CCD1	YARDLEY	1918	58	12	4973	06 1952	9.0	4964	USGS 1980	DESTROYED
(C-28-10)19CCD2	YARDLEY	1961	210	12	4973	05 1971	49.0	4924	USGS 1980	
(C-28-10)19CBD	YARDLEY	1934	96	14	4976	12 1951	11.0	4965	USGS 1980	DESTROYED
(C-28-10)19CCD1	YARDLEY	1926	76	14	4979	04 1940	7.0	4972	USGS 1980	DESTROYED
(C-28-10)19CCD2	YARDLEY	1904	350	6	4978				USGS 1980	
(C-28-10)19CCD4	YARDLEY	1946	102	16	4977	05 1971	16.0	4961	USGS 1980	
(C-28-10)19DAD1	ROBERTS	1924	72	14	4979	12 1951	12.0	4967	USGS 1980	DESTROYED
(C-28-10)19DAD2	ROBERTS	1957	280	14	4979				MOWER & CORDOVA 1974	
(C-28-10)19DCC1	TOLLEY	1920	110	16	4979	02 1936	13.0	4966	USGS 1980	DESTROYED
(C-28-10)19DCC2	TOLLEY	1946	300	6	4981				MOWER & CORDOVA 1974	
(C-28-10)19DCC3	TOLLEY	1952	129	16	4980				MOWER & CORDOVA 1974	
(C-28-10)19DDD1	ROBERTS	1920	109	16	4981				USGS 1980	DESTROYED
(C-28-10)19DDD2	ROBERTS	1961	163	14	4981				MOWER & CORDOVA 1974	
(C-28-10)20BBC1	KIRK	1930	36	6	4971				USGS 1980	
(C-28-10)20BBC2	KIRK	1930	36	6	4971				USGS 1980	DESTROYED
(C-28-10)20BBD1	SCOTT	1931	90	16	4975	10 1951	12.0	4963	USGS 1980	DESTROYED
(C-28-10)20BBD2	SCOTT	1956	140		4973	05 1956	22.0	4951	MOWER & CORDOVA 1974	
(C-28-10)20BDD	MAYER	1923	85	16	4982	04 1942	8.0	4974	MOWER & CORDOVA 1974	
(C-28-10)20CCC1	MAYER	1936	90	14	4983	05 1936	9.0	4974	USGS 1980	DESTROYED
(C-28-10)20CCC2	MAYER	1957	180	6	4983	06 1957	40.0	4943	USGS 1980	
(C-28-10)20CCC3	MAYER	1961	390	14	4983	08 1961	44.0	4939	MOWER & CORDOVA 1974	
(C-28-10)20CCD1	MAYER	1924	84	14	4984	12 1942	10.0	4974	MOWER & CORDOVA 1974	
(C-28-10)20CCD2	MAYER	1951	148	14	4983	12 1956	24.0	4959	MOWER & CORDOVA 1974	
(C-28-10)20DDD1	CHANEY	1920	48	10	4988	10 1951	16.0	4972	MOWER & CORDOVA 1974	DESTROYED
(C-28-10)20DDD2	CHANEY	1952	120	14	4988	03 1953	13.0	4975	MOWER & CORDOVA 1974	
(C-28-10)20DCD1	WISEMAN	1958	65	14	4992	03 1959	14.0	4978	USGS 1980	DESTROYED
(C-28-10)20DCD2	WISEMAN	1958	344	14	4993	09 1958	70.0	4923	MOWER & CORDOVA 1974	
(C-28-10)20DDC1	WISEMAN	1928	64	14	4996	04 1940	13.0	4983	USGS 1980	DESTROYED
(C-28-10)20DDC2	WISEMAN	1961	210	6	4994	02 1961	65.0	4929	USGS 1980	
(C-28-10)20DDD	WISEMAN	1951	410	16	4997	03 1955	20.0	4977	MOWER & CORDOVA 1974	
(C-28-10)21BAA	MAYER	1960	949	14	5026	03 1960	38.0	4988	MOWER & CORDOVA 1974	
(C-28-10)21CBB1	WISEMAN	1919	75	4	4993	09 1919	16.0	4977	USGS 1980	DESTROYED
(C-28-10)21CBB2	WISEMAN	1950	250	8	4993	04 1950	29.0	4964	USGS 1980	
(C-28-10)21CCD	WISEMAN	1949	316	12	5010	03 1950	21.0	4989	MOWER & CORDOVA 1974	
(C-28-10)21CDD					5021				USGS 1980	DESTROYED
(C-28-10)22CCC	HANSON				5085				USGS 1980	DESTROYED
(C-28-10)27BBB	HANSON	1953	132	4	5085	03 1976	94.0	4991	USGS 1980	
(C-28-10)28AAA	MC KNIGHT				5082				USGS 1980	DESTROYED
(C-28-10)28CAA	MAYER				5022				USGS 1980	DESTROYED
(C-28-10)28CDD	MAYER	1952	360	16	5019	03 1979	43.0	4976	USGS 1980	
(C-28-10)28DBD	MAYER	1971	450	12	5038	08 1971	59.0	4979	MOWER & CORDOVA 1974	
(C-28-10)29AAD	MAYER				4999				USGS 1980	
(C-28-10)29ABC	MAYER		72		4990				USGS 1980	
(C-28-10)29ADD	MAYER	1952	343	16	5000	04 1952	14.0	4986	MOWER & CORDOVA 1974	
(C-28-10)29BCC1	WILLIAMS	1927	74	14	4990	03 1953	13.0	4977	MOWER & CORDOVA 1974	
(C-28-10)29BCC2	WILLIAMS	1953	253	14	4990	04 1951	10.0	4980	MOWER & CORDOVA 1974	
(C-28-10)29BCD1	WILLIAMS	1933	70	14	4990				USGS 1980	DESTROYED
(C-28-10)29BCD2	WILLIAMS	1951	143	14	4990	04 1951	10.0	4980	MOWER & CORDOVA 1974	
(C-28-10)29BDD1	COYLE	1927	62	14	4992	03 1950	10.0	4982	MOWER & CORDOVA 1974	DESTROYED
(C-28-10)29BDD2	COYLE	1956	200	14	4992	04 1956	30.0	4962	MOWER & CORDOVA 1974	
(C-28-10)29CAA	LOFTHOUSE	1930	47	10	4994				USGS 1980	
(C-28-10)29CAD1	YARDLEY	1928	0	14	4997				USGS 1980	DESTROYED
(C-28-10)29CAD2	YARDLEY	1956	204		4997				MOWER & CORDOVA 1974	
(C-28-10)29CCC	YARDLEY	1923	74	14	4997				USGS 1980	DESTROYED
(C-28-10)29CCD1	YARDLEY	1934	83	14	4998				USGS 1980	DESTROYED
(C-28-10)29CCD2	YARDLEY	1933	60	2	4997				USGS 1980	
(C-28-10)29CCD3	YARDLEY	1960	136	12	4998	04 1960	30.0	4968	MOWER & CORDOVA 1974	
(C-28-10)29CDC1	YARDLEY	1913	85	14	4997				USGS 1980	DESTROYED
(C-28-10)29CDC2	YARDLEY	1936	212	8	4998	04 1938	13.0	4985	MOWER & CORDOVA 1974	DESTROYED
(C-28-10)29CDC3	YARDLEY	1955	220	14	4998				MOWER & CORDOVA 1974	
(C-28-10)29DCC1	ROWLEY	1926	77	14	4999	03 1950	9.0	4990	USGS 1980	DESTROYED
(C-28-10)29DCC2	ROWLEY	1928	36	36	4999				USGS 1980	DESTROYED
(C-28-10)29DCC3	ROWLEY	1958	180	14	4999				MOWER & CORDOVA 1974	
(C-28-10)29DDD	MAYER	1952	360	14	5005	04 1971	34.0	4971	MOWER & CORDOVA 1974	
(C-28-10)30ACD1	WILLIAMS	1922	32	16	4986				USGS 1980	DESTROYED
(C-28-10)30ACD2	WILLIAMS	1950	99	12	4986	09 1950	9.0	4977	USGS 1980	
(C-28-10)30ADC1	WILLIAMS	1935	101	14	4990	03 1951	11.0	4979	MOWER & CORDOVA 1974	DESTROYED
(C-28-10)30ADC3	WILLIAMS	1961	404	14	4990				USGS 1980	
(C-28-10)30BDC1	BALDWIN	1920	48	16	4985	10 1923	12.0	4973	USGS 1980	DESTROYED
(C-28-10)30BDC2	BALDWIN	1953	131	16	4985	03 1953	10.0	4975	USGS 1980	DESTROYED
(C-28-10)30BDC3	BALDWIN	1963	290	17	4985				MOWER & CORDOVA 1974	
(C-28-10)30BDD1	BALDWIN	1920	38	16	4986	02 1920	10.0	4985	USGS 1980	DESTROYED

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(C-28-10)30BDD1	BALDWIN	1920	58	16	4984	02 1920	10.0	4974	USGS 1980	DESTROYED
(C-28-10)30BDD2	BALDWIN	1952	148	16	4986				MOMER & CORDOVA 1974	
(C-28-10)30CAD1	YARDLEY	1925	52	14	4991				USGS 1980	DESTROYED
(C-28-10)30CAD2	YARDLEY	1954	150	14	4991				MOMER & CORDOVA 1974	
(C-28-10)30CBC	SMITH				4985				USGS 1980	DESTROYED
(C-28-10)30CBD	PAICE	1950	196	16	4989				MOMER & CORDOVA 1974	
(C-28-10)30CDC1	PAICE	1924	54	14	4994	04 1923	8.0	4986	USGS 1980	DESTROYED
(C-28-10)30CDC2	PAICE	1954	160	14	4994	03 1979	44.0	4950	USGS 1980	
(C-28-10)30DBB1	FISHER	1925	54	2	4988				USGS 1980	DESTROYED
(C-28-10)30DBB2	FISHER	1956	186	6	4988				MOMER & CORDOVA 1974	
(C-28-10)31AAA	CHURCH		122		4992				USGS 1980	
(C-28-10)31ACC1	MAYER	1912	89	16	5003	03 1950	14.0	4989	USGS 1980	DESTROYED
(C-28-10)31ACC2	MAYER	1961	180	12	5004	10 1970	57.0	4947	MOMER & CORDOVA 1974	
(C-28-10)31ACD1	MAYER	1930	79	14	5003				USGS 1980	DESTROYED
(C-28-10)31ACD2	MAYER	1956	140	14	5003	04 1971	37.0	4966	USGS 1980	
(C-28-10)31ADC1	CHURCH	1924	135	10	5003				USGS 1980	DESTROYED
(C-28-10)31ADC2	LDS	1951	175	16	5003	04 1971	36.0	4967	MOMER & CORDOVA 1974	
(C-28-10)31ADD	LDS	1931	77	16	5004	06 1931	17.0	4987	MOMER & CORDOVA 1974	
(C-28-10)31BAD1	MAYER	1927	90	12	5000				USGS 1980	DESTROYED
(C-28-10)31BAD2	MAYER	1935	90	14	5000				USGS 1980	
(C-28-10)31BAD3	MAYER	1961	290	14	5000	10 1970	55.0	4945	MOMER & CORDOVA 1974	
(C-28-10)31BBD1	THURSTON	1931	72	14	4998				USGS 1980	DESTROYED
(C-28-10)31BBD2	THURSTON				4998				MOMER & CORDOVA 1974	
(C-28-10)31BBD3	THURSTON	1954	150	6	4998	02 1954	22.0	4976	USGS 1980	
(C-28-10)31BCD1	NARUSE	1922	58	16	5001				USGS 1980	DESTROYED
(C-28-10)31BCD2	NARUSE	1953	136	14	5001	08 1953	22.0	4979	MOMER & CORDOVA 1974	
(C-28-10)31BDC	NARUSE	1927	65	12	5001				USGS 1980	DESTROYED
(C-28-10)31BDD1	NARUSE	1921	100	14	5003	05 1938	14.0	4989	USGS 1980	DESTROYED
(C-28-10)31BDD2	NARUSE	1956	240	14	5003	04 1956	33.0	4970	MOMER & CORDOVA 1974	
(C-28-10)31CAD1	MAYER	1930	78	14	5007				USGS 1980	DESTROYED
(C-28-10)31CAD2	MAYER	1956	150	14	5007	09 1970	61.0	4946	MOMER & CORDOVA 1974	
(C-28-10)31CBD	MAYER	1934	71	14	5002				USGS 1980	DESTROYED
(C-28-10)31CCD1	MAYER	1921	84	12	5007	02 1936	26.0	4981	USGS 1980	DESTROYED
(C-28-10)31CCD2	MAYER	1936	128	14	5007	04 1936	15.0	4992	USGS 1980	DESTROYED
(C-28-10)31CCD3	MAYER	1952	172	16	5007	09 1970	57.0	4950	MOMER & CORDOVA 1974	
(C-28-10)31CDD1	PUFFER	1921	78	14	5011	03 1935	25.0	4986	USGS 1980	DESTROYED
(C-28-10)31CDD2	PUFFER				5011	03 1932	24.0	4987	USGS 1980	DESTROYED
(C-28-10)31CDD3	PUFFER	1954	160	12	5011	09 1970	72.0	4939	MOMER & CORDOVA 1974	
(C-28-10)31DCC1	PUFFER				5011				USGS 1980	DESTROYED
(C-28-10)31DCC2	PUFFER	1926	138	14	5011				USGS 1980	DESTROYED
(C-28-10)31DCC3	PUFFER	1960	269	12	5011	10 1960	38.0	4973	MOMER & CORDOVA 1974	
(C-28-10)31DCD1	PUFFER	1924	72	14	5013	03 1950	19.0	4994	USGS 1980	DESTROYED
(C-28-10)31DCD2	PUFFER	1951	176	16	5013		25.0	4988	MOMER & CORDOVA 1974	
(C-28-10)31DDC1	PRICE	1925	65	14	5014	09 1939	36.0	4978	USGS 1980	DESTROYED
(C-28-10)31DDC2	PRICE	1949	195	12	5014	07 1950	40.0	4974	MOMER & CORDOVA 1974	
(C-28-10)32AAC	VALINE	1927	94	14	5008	12 1951	20.0	4988	USGS 1980	
(C-28-10)32AAD	VALINE	1956	171	14	5009	04 1971	35.0	4974	MOMER & CORDOVA 1974	
(C-28-10)32ADD1	VANTASSELL		171		5014	04 1971	35.0	4979	USGS 1980	
(C-28-10)32BAA1	YARDLEY	1912	250	10	4998	04 1950	9.0	4989	USGS 1980	DESTROYED
(C-28-10)32BAA2	YARDLEY		0		4997	04 1950	9.0	4988	USGS 1980	DESTROYED
(C-28-10)32BAA3	YARDLEY		0		4998	05 1951	16.0	4982	USGS 1980	DESTROYED
(C-28-10)32BBC1	YARDLEY	1925	83	14	5000				USGS 1980	DESTROYED
(C-28-10)32BBC2	YARDLEY	1935	67	14	5000				USGS 1980	DESTROYED
(C-28-10)32BBC3	YARDLEY	1942	132	14	5000	06 1950	27.0	4973	MOMER & CORDOVA 1974	
(C-28-10)32BDA1	YARDLEY	1926	84	14	5001	04 1940	9.0	4992	USGS 1980	DESTROYED
(C-28-10)32BDA2	YARDLEY	1961	400	14	5001	08 1961	52.0	4949	MOMER & CORDOVA 1974	
(C-28-10)32CAC1	YARDLEY	1925			5010				USGS 1980	DESTROYED
(C-28-10)32CAC2	YARDLEY	1936	109	14	5010	03 1936	27.0	4983	USGS 1980	DESTROYED
(C-28-10)32CAC3	YARDLEY	1950	156	6	5010				USGS 1980	
(C-28-10)32CAC4	YARDLEY	1960	290	14	5010				MOMER & CORDOVA 1974	
(C-28-10)32CBC	BAXTER	1926	70	2	4999				USGS 1980	DESTROYED
(C-28-10)32CCC1	MUIR	1925	72	14	5014	03 1961	40.0	4974	USGS 1980	DESTROYED
(C-28-10)32CCC2	MUIR	1967	245	8	5014	05 1967	91.0	4923	USGS 1980	
(C-28-10)32CCD1	PAICE	1926	60	12	5014	11 1926	20.0	4994	MOMER & CORDOVA 1974	DESTROYED
(C-28-10)32CCD2	PAICE	1952	298	14	5014	03 1958	35.0	4979	MOMER & CORDOVA 1974	
(C-28-10)32CDC1	PAICE	1926	85	14	5014	04 1940	16.0	4998	USGS 1980	DESTROYED
(C-28-10)32CDC2	PAICE	1961	300	14	5014	08 1961	70.0	4944	MOMER & CORDOVA 1974	
(C-28-10)32DBC	PAICE	1931	84	18	5011	01 1938	18.0	4993	USGS 1980	DESTROYED
(C-28-10)32DCC1	PAICE	1927	68	14	5018	06 1950	32.0	4986	USGS 1980	DESTROYED
(C-28-10)32DCC2	PAICE	1955	90	14	5018				USGS 1980	
(C-28-10)32DCD	PAICE	1955	300	14	5019	04 1971	43.0	4976	MOMER & CORDOVA 1974	
(C-28-10)32DDD	VANTASSELL	1954	287	16	5020	03 1979	55.0	4965	USGS 1980	
(C-28-10)33ABA1	EYRE	1916	140	8	5045	09 1935	39.0	5006	MOMER & CORDOVA 1974	DESTROYED
(C-28-10)33ABA2	EYRE				5045	12 1941	17.0	5028	USGS 1980	DESTROYED
(C-28-10)33ABA3	EYRE				5045				USGS 1980	DESTROYED
(C-28-10)33ABA4	EYRE	1968	328	6	5045	04 1968	65.0	4980	MOMER & CORDOVA 1974	
(C-28-10)33ABB	EYRE	1948	360	6	5024	07 1948	19.0	5005	USGS 1980	
(C-28-10)33BAA	EYRE	1920	78	4	5021				USGS 1980	DESTROYED
(C-28-11) 4BBB	BLM	1915	225	4	5340				USGS 1980	DESTROYED
(C-28-11)10ACD	BLM	1939	227	5	5108	03 1979	160.0	4948	USGS 1980	
(C-28-11)12ABB	HOLY NAME	1954	440	16	5062	10 1954	108.0	4954	MOMER & CORDOVA 1974	
(C-28-11)12DBC	MAYER	1954	460	14	5030	10 1979	93.0	4937	USGS 1980	
(C-28-11)13DCA1	BRINKMAN	1903	600	6	4972	12 1938	0.0	4972	USGS 1980	DESTROYED
(C-28-11)13DCA2	BRINKMAN				4972	12 1938	1.0	4971	USGS 1980	DESTROYED

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WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-28-11)13DCA3	BRINKMAN				4972				USGS 1980	DESTROYED
(C-28-11)13DDD	PULLEM	1955		4	4966	12 1956	11.0	4955	USGS 1980	DESTROYED
(C-28-11)22DAB	HAYWOOD	1938	72	10	5004	03 1977	50.0	4954	USGS 1980	DESTROYED
(C-28-11)23AAD	SMITH	1955	60	6	4976	04 1955	13.0	4963	USGS 1980	DESTROYED
(C-28-11)23ABB1	MILFORD	1923	80	14	4988	05 1941	22.0	4966	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)23ABB2	MILFORD	1968	118	6	4988	09 1970	37.0	4951	MOWER & CORDOVA 1974	
(C-28-11)23CBB1	MOODY	1926	74	16	4990				USGS 1980	DESTROYED
(C-28-11)23CBB2	MOODY	1952	95	16	4990	11 1952	22.0	4968	MOWER & CORDOVA 1974	
(C-28-11)24CBB	TOLLEY	1926	60	1	4973				USGS 1980	DESTROYED
(C-28-11)24DAA1	MAYER	1928	204	12	4974	02 1939	8.0	4966	USGS 1980	DESTROYED
(C-28-11)24DDA1	YARDLEY				4974				USGS 1980	DESTROYED
(C-28-11)24DDA2	YARDLEY				4975				USGS 1980	DESTROYED
(C-28-11)24DDA3	YARDLEY	1929	20	14	4974	03 1950	4.0	4970	USGS 1980	
(C-28-11)24DDA4	YARDLEY	1968	130	6	4974	02 1968	9.0	4965	USGS 1980	
(C-28-11)25ABD1	SMITH	1928	77	14	4977	04 1940	4.0	4973	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)25ABD2	SMITH	1956	200	6	4977	04 1956	18.0	4959	USGS 1980	
(C-28-11)25ABD3	SMITH	1961	203	14	4977	09 1961	25.0	4952	MOWER & CORDOVA 1974	
(C-28-11)25ADA	GREEN DIAMOND				4981				USGS 1980	DESTROYED
(C-28-11)25DCD	GREEN DIAMOND	1950	431	16	4987	03 1979	37.0	4950	USGS 1980	
(C-28-11)25DDD1	GREEN DIAMOND	1924	73	14	4989	04 1924	7.0	4982	USGS 1980	DESTROYED
(C-28-11)25DDD2	GREEN DIAMOND	1954	150	14	4989	04 1954	22.0	4967	MOWER & CORDOVA 1974	
(C-28-11)26CDC	COOK		8		4977	11 1941	2.0	4975	USGS 1980	
(C-28-11)26DCB	COOK	1928	20	16	4976	11 1941	2.0	4974	USGS 1980	
(C-28-11)26DDD	COOK	1935	15	16	4983	09 1941	8.0	4975	USGS 1980	DESTROYED
(C-28-11)27CAB	SLY				5012	07 1941	35.0	4977	USGS 1980	DESTROYED
(C-28-11)27CDD	ROLLINS				5001				USGS 1980	DESTROYED
(C-28-11)28ACC	DOTSON	1969		6		09 1971	182.0		USGS 1980	
(C-28-11)33DAC	NEWMAN	1940	43	5	5010	09 1970	30.0	4980	USGS 1980	
(C-28-11)34BBC	NEWMAN	1915	88	16	5006	09 1941	25.0	4981	USGS 1980	DESTROYED
(C-28-11)34CBB	GRONNING	1925	73	18	5001	11 1941	19.0	4982	USGS 1980	
(C-28-11)35AAD1	STEWART	1925	51	14	4987	06 1950	19.0	4968	USGS 1980	DESTROYED
(C-28-11)35AAD2	STEWART	1962	204	14	4987	08 1962	30.0	4957	MOWER & CORDOVA 1974	
(C-28-11)35ADD1	STEWART	1928	77	14	4989	10 1979	44.0	4945	USGS 1980	DESTROYED
(C-28-11)35ADD2	STEWART	1951	171	16	4991	10 1975	30.0	4961	USGS 1980	
(C-28-11)35CAD	COOK		0		4981	05 1971	17.0	4964	MOWER & CORDOVA 1974	
(C-28-11)35DCD1	MAYER	1928	50	16	4995				USGS 1980	DESTROYED
(C-28-11)35DCD2	MAYER	1968	219	14	4995	11 1968	32.0	4963	MOWER & CORDOVA 1974	
(C-28-11)35DDD1	SLY	1927	74	14	4999	02 1939	11.0	4988	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)35DDD2	SLY	1952	150	16	5000	05 1952	22.0	4978	MOWER & CORDOVA 1974	
(C-28-11)36AAA1	MOORE	1949	143	6	4990				USGS 1980	
(C-28-11)36AAD1	MOORE	1920	110	16	4994	02 1938	14.0	4980	USGS 1980	DESTROYED
(C-28-11)36AAD2	MOORE	1961	270	12	4994	03 1961	50.0	4944	MOWER & CORDOVA 1974	
(C-28-11)36ADD1	SMITH	1929	62	14	4998	02 1939	8.0	4990	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)36ADD2	SMITH	1955	154	14	4997	03 1978	40.0	4957	USGS 1980	
(C-28-11)36BAC1	STEWART	1930	72	14	4988	03 1950	6.0	4982	USGS 1980	DESTROYED
(C-28-11)36BAC2	STEWART	1951	140	14	4988	05 1951	12.0	4976	MOWER & CORDOVA 1974	
(C-28-11)36BAD1	STEWART	1922	85	14	4987	03 1950	6.0	4981	USGS 1980	DESTROYED
(C-28-11)36BAD2	STEWART	1949	150	14	4988	04 1949	5.0	4983	USGS 1980	
(C-28-11)36BBA1	STEWART	1929	18	12	4983	11 1945	5.0	4978	USGS 1980	DESTROYED
(C-28-11)36BBA2	STEWART	1928	66	14	4983	02 1936	9.0	4974	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)36BBA3	STEWART	1949	150	4	4983	04 1949	4.0	4979	USGS 1980	
(C-28-11)36BCC	MAYER	1934			4991				USGS 1980	DESTROYED
(C-28-11)36BDD1	STEWART	1919	77	14	4994	09 1941	12.0	4982	USGS 1980	DESTROYED
(C-28-11)36BDD2	STEWART	1952	223	16	4994	10 1952	12.0	4982	MOWER & CORDOVA 1974	
(C-28-11)36CAD1	NARUSE	1932	85	14	4998	03 1950	12.0	4986	USGS 1980	DESTROYED
(C-28-11)36CAD2	NARUSE	1949	155	14	4997	04 1949	9.0	4988	USGS 1980	
(C-28-11)36CAD3	NARUSE	1951	170	14	4998	12 1951	16.0	4982	MOWER & CORDOVA 1974	
(C-28-11)36CBD	MAYER	1934	78	14	4996	12 1951	15.0	4981	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)36CCA	MAYER	1967	184	14	4997	02 1967	40.0	4957	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)36CCD	MAYER	1932	60	2	4977				USGS 1980	DESTROYED
(C-28-11)36DDD1	THOMPSON	1920	90	16	5003	03 1950	15.0	4988	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)36DDD2	THOMPSON	1921	80	3	5001				USGS 1980	
(C-28-11)36DDD3	THOMPSON	1951	315	16	5003	04 1971	36.0	4967	MOWER & CORDOVA 1974	
(C-28-11)36DCC1	THOMPSON	1925	64	14	5003	12 1942	14.0	4989	USGS 1980	DESTROYED
(C-28-11)36DCC2	THOMPSON	1951	172	16	5005	04 1971	38.0	4967	MOWER & CORDOVA 1974	
(C-28-11)36DCD	THOMPSON	1932	71	14	5002				USGS 1980	DESTROYED
(C-28-11)36DDD1	MC BRIDE	1929	60		5004	03 1950	12.0	4992	MOWER & CORDOVA 1974	DESTROYED
(C-28-11)36DDD2	MC BRIDE	1928	80	14	5002				USGS 1980	DESTROYED
(C-28-11)36DDD3	MC BRIDE	1956	204	14	5002	04 1956	25.0	4977	MOWER & CORDOVA 1974	
(C-28-11)36DDD4	MC BRIDE	1960	170	14	5002	08 1960	44.0	4958	MOWER & CORDOVA 1974	
(C-28-11)36DDD5	MC BRIDE	1966	220	6	5002	04 1964	60.0	4942	USGS 1980	
(C-28-13)28DDC	SEVEY				5995				USGS 1980	
(C-28-13)35CBC	DOTSON		490		6170	05 1972	84.0	6086	USGS 1980	
(C-29-10) 23CB	UTAH	1953	132	4	5140	11 1953	116.0	5024	USGS 1980	
(C-29-10) 3ADD	VANTASSELL	1953	310	16	5032	04 1953	35.0	4997	MOWER & CORDOVA 1974	
(C-29-10) 8BAC1	VANTASSELL	1928	82	14	5020	02 1938	24.0	4996	USGS 1980	DESTROYED
(C-29-10) 8BAC2	VANTASSELL	1953	178	14	5020				MOWER & CORDOVA 1974	
(C-29-10) 8BB	THOMPSON	1965	225	6	5016	06 1965	70.0	4946	MOWER & CORDOVA 1974	
(C-29-10) 9CAD1	VANTASSELL	1928	84	14	5031	02 1938	30.0	5001	USGS 1980	DESTROYED
(C-29-10) 9CAD2	VANTASSELL	1952	166	6	5031	05 1952	46.0	4985	MOWER & CORDOVA 1974	
(C-29-10) 9CAD3	VANTASSELL	1957	302	14	5031	04 1957	26.0	5005	MOWER & CORDOVA 1974	
(C-29-10) 9CDD1	VANTASSELL	1915	60	48	5036				USGS 1980	DESTROYED
(C-29-10) 9CDD2	VANTASSELL	1932	95	12	5036				USGS 1980	DESTROYED
(C-29-10) 9CDD3	VANTASSELL	1947	170	6	5036	10 1947	34.0	5002	USGS 1980	
(C-29-10) 9CDD4	VANTASSELL	1949	198	14	5037	03 1950	31.0	5006	MOWER & CORDOVA 1974	

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(C-29-10) 5CDD3	VANTASSELL	1964	295	14	5037	03 1979	69.0	4968	USGS 1980	
(C-29-10) 5DCD	VANTASSELL	1952	320	16	5039	09 1952	50.0	4989	MOWER & CORDOVA 1974	
(C-29-10) 5DDD	VANTASSELL	1958	320	14	5042	08 1958	60.0	4982	MOWER & CORDOVA 1974	
(C-29-10) 8AAD1	MAYER	1923	95	14	5019	03 1935	28.0	4991	USGS 1980	DESTROYED
(C-29-10) 8AAD2	MAYER	1954	168	14	5019	06 1954	35.0	4984	MOWER & CORDOVA 1974	
(C-29-10) 8ABB1	MAYER	1950	98	16	5014	10 1979	67.0	4947	USGS 1980	
(C-29-10) 8ABB2	MAYER	1951	193	6	5012	07 1951	39.0	4973	MOWER & CORDOVA 1974	
(C-29-10) 8ACA1	MAYER	1924	67	14	5022	03 1936	23.0	4999	USGS 1980	DESTROYED
(C-29-10) 8ACA2	MAYER	1952	200	16	5022	04 1971	50.0	4972	MOWER & CORDOVA 1974	
(C-29-10) 8BAA1	MAYER	1921	90	12	5012				MOWER & CORDOVA 1974	DESTROYED
(C-29-10) 8BAA2	MAYER	1953	190	16	5012	03 1953	26.0	4986	MOWER & CORDOVA 1974	
(C-29-10) 8BAD	MAYER	1926	63	12	5014				USGS 1980	DESTROYED
(C-29-10) 8BBD	MAYER	1930	130	14	5010	12 1951	22.0	4988	USGS 1980	DESTROYED
(C-29-10) 8CDD	MAYER	1947	350	14	5030	12 1950	34.0	4996	USGS 1980	
(C-29-10) 8DCC	MAYER	1961	238	14	5030	08 1961	68.0	4962	MOWER & CORDOVA 1974	
(C-29-10) 8DCD	MAYER	1949	235	12	5033	04 1949	33.0	5000	MOWER & CORDOVA 1974	
(C-29-10) 8DDC1	TERRAL	1925	90	12	5033	05 1953	37.0	4996	MOWER & CORDOVA 1974	DESTROYED
(C-29-10) 8DDC2	TERRAL	1952	154	16	5033	03 1979	66.0	4967	USGS 1980	
(C-29-10) 7ADA	MAYER	1976	265	7	5038	04 1976	68.0	4970	USGS 1980	
(C-29-10) 7BBD	DALTON	1934	80	14	5031	02 1938	31.0	5000	USGS 1980	DESTROYED
(C-29-10) 7BDB1	DALTON	1923	80	12	5037	04 1940	33.0	5004	USGS 1980	DESTROYED
(C-29-10) 7BDB2	DALTON	1955	200	14	5037	05 1955	35.0	5002	MOWER & CORDOVA 1974	
(C-29-10) 7BDB3	DALTON	1957	207	6	5037				MOWER & CORDOVA 1974	
(C-29-10) 7CDD	DALTON	1957	207	6	5046				USGS 1980	DESTROYED
(C-29-10) 7DDD1	MAYER	1948	241	14	5054	03 1951	47.0	5007	MOWER & CORDOVA 1974	
(C-29-10) 7DDD2	MAYER	1960	207	6	5054				MOWER & CORDOVA 1974	
(C-29-10) 8BAD	GILLINS				5049	04 1950	34.0	5015	USGS 1980	DESTROYED
(C-29-10) 8CDA1	GILLINS	1961	418	14	5050	08 1961	72.0	4978	USGS 1980	DESTROYED
(C-29-10) 8CDA2	GILLINS	1965	422	16	5050	04 1971	60.0	4990	MOWER & CORDOVA 1974	
(C-29-10) 8BAA	WOOD					03 1932	38.0		USGS 1980	
(C-29-10) 3CDD	MARSHALL	1952	218	14	5060	04 1971	74.0	4986	MOWER & CORDOVA 1974	
(C-29-10) 3DCD	MARSHALL	1969	392	16	5063	04 1971	76.0	4987	MOWER & CORDOVA 1974	
(C-29-10) 9DDD1	MARSHALL	1952	210	16	5067	03 1953	63.0	5004	MOWER & CORDOVA 1974	
(C-29-10) 9DDD2	MARSHALL	1961	410	14	5067	03 1979	89.0	4978	USGS 1980	
(C-29-10)15BDC	UTAH	1953	224	4	5212	03 1976	201.0	5011	USGS 1980	
(C-29-10)16CCC	PARKINSON		1040		5090	12 1937	48.0	5042	USGS 1980	DESTROYED
(C-29-10)16CDC	PARKINSON	1952	192	14	5098				MOWER & CORDOVA 1974	DESTROYED
(C-29-10)16CDD	PARKINSON	1950	157	6	5102	10 1950	75.0	5027	MOWER & CORDOVA 1974	
(C-29-10)17ADD	THURMAN	1950	202	16	5078	03 1951	62.0	5016	MOWER & CORDOVA 1974	DESTROYED
(C-29-10)17BDD	MARSHALL	1916	80	4	5072				USGS 1980	DESTROYED
(C-29-10)17DCC	MARSHALL	1950	201	16	5081	12 1950	65.0	5016	MOWER & CORDOVA 1974	
(C-29-10)17DDD1	THURMAN	1950	304	16	5090	03 1951	71.0	5019	MOWER & CORDOVA 1974	DESTROYED
(C-29-10)17DDD2	THURMAN	1960	220	14	5090	03 1979	109.0	4981	USGS 1980	
(C-29-10)18ADD	MAYER	1949	180	16	5065	09 1949	47.0	5018	MOWER & CORDOVA 1974	DESTROYED
(C-29-10)18DAA	MAYER	1957	298	16	5065	09 1957	45.0	5020	MOWER & CORDOVA 1974	
(C-29-10)18DAD	MAYER	1955	314	16	5067	03 1971	80.0	4987	MOWER & CORDOVA 1974	
(C-29-10)18DCD	MAYER	1970	373	14	5068	03 1971	78.0	4990	MOWER & CORDOVA 1974	
(C-29-10)18DDD	MAYER	1950	166	16	5072	12 1950	57.0	5015	MOWER & CORDOVA 1974	
(C-29-10)19DDD	BLM	1953	133	4	5095	10 1972	114.0	4981	MOWER & CORDOVA 1974	
(C-29-10)21BCC	BLM	1973	125	4	5100	09 1941	76.0	5024	USGS 1980	DESTROYED
(C-29-10)22BAB	MAYER	1971		6	5700	05 1971	145.0	5555	USGS 1980	DESTROYED
(C-29-10)27BBD	PEARSON	1947	146	6	5169	04 1947	108.0	5061	MOWER & CORDOVA 1974	
(C-29-10)33BBB	BLM	1953	160	4	5137	08 1977	142.0	4995	USGS 1980	
(C-29-10)35CCD	BLM	1953	175	4	5250	10 1979	137.0	5113	USGS 1980	
(C-29-11) 1ABD1	POWELL		86		5008	06 1950	28.0	4980	USGS 1980	DESTROYED
(C-29-11) 1ABD2	POWELL	1956	230	12	5008	09 1956	23.0	4985	MOWER & CORDOVA 1974	
(C-29-11) 1ADA1	MAYER	1915	40		5007				USGS 1980	DESTROYED
(C-29-11) 1ADA2	MAYER	1923	58		5009	02 1951	19.0	4990	USGS 1980	DESTROYED
(C-29-11) 1ADA3	MAYER	1954	143	14	5009	03 1971	41.0	4968	MOWER & CORDOVA 1974	
(C-29-11) 1ADD1	MAYER	1926	64	14	5015	09 1935	31.0	4984	MOWER & CORDOVA 1974	DESTROYED
(C-29-11) 1ADD2	MAYER	1955	200	14	5015	03 1979	51.0	4964	USGS 1980	
(C-29-11) 1BAD1	PRICE	1917			5004	04 1950	15.0	4989	USGS 1980	DESTROYED
(C-29-11) 1BAD2	PRICE	1950	140	14	5004	12 1951	19.0	4985	MOWER & CORDOVA 1974	
(C-29-11) 1CAC	SLY	1929	72	14	5009	12 1951	20.0	4989	USGS 1980	DESTROYED
(C-29-11) 1CAD2	SLY	1922	60	14	5013	04 1940	18.0	4995	USGS 1980	DESTROYED
(C-29-11) 1CAD3	SLY	1953	220	16	5013	05 1953	23.0	4990	MOWER & CORDOVA 1974	
(C-29-11) 1DDD	BACHUS	1950	210	16	5023	05 1950	23.0	5000	MOWER & CORDOVA 1974	
(C-29-11) 2AAC1	SHERWOOD	1926	64		5006	03 1956	24.0	4982	USGS 1980	DESTROYED
(C-29-11) 2AAC2	SHERWOOD	1956	204	14	5007	12 1956	29.0	4978	MOWER & CORDOVA 1974	
(C-29-11) 2ABB	COOK				4988				USGS 1980	DESTROYED
(C-29-11) 2ADC	APPLEGATE	1955	200	12	5003	04 1955	26.0	4977	MOWER & CORDOVA 1974	
(C-29-11) 2ADD	APPLEGATE	1922	32	16	5003	12 1941	14.0	4989	USGS 1980	DESTROYED
(C-29-11) 2BAD2	COOK				4988	03 1957	2.0	4986	USGS 1980	DESTROYED
(C-29-11) 2BAD3	COOK	1966	98	18	4988	08 1966	27.0	4961	MOWER & CORDOVA 1974	
(C-29-11) 2DDD1	SLY	1921	60	12	5010	03 1943	14.0	4996	USGS 1980	DESTROYED
(C-29-11) 2DDD2	SLY	1956	200	14	5010	04 1956	35.0	4975	MOWER & CORDOVA 1974	
(C-29-11) 4ACA	COOK	1921	68	16	4997	03 1943	8.0	4989	USGS 1980	DESTROYED
(C-29-11) 4BAA	COOK		68	16	5023	10 1979	51.0	4972	USGS 1980	
(C-29-11) 8AAD	BLM	1918		4	5020				USGS 1980	DESTROYED
(C-29-11) 9CBB	BLM	1961	63	8	5010	05 1971	20.0	4990	MOWER & CORDOVA 1974	
(C-29-11)10CBA	GOSPILL	1928	65	14	5001				USGS 1980	DESTROYED
(C-29-11)10DBB	GOSPILL	1928	35	14	5001	12 1938	10.0	4991	USGS 1980	DESTROYED
(C-29-11)10DDD	COOK	1957	103	6	5007				MOWER & CORDOVA 1974	ø
(C-29-11)11AAD1	RIMPAU	1923	70	16	5012	12 1948	16.0	4996	MOWER & CORDOVA 1974	DESTROYED

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(C-29-11)11AAD2	RIMPAU	1953	220	16	5012	04 1953	21.0	4991	MOWER & CORDOVA 1974	
(C-29-11)11AAD3	RIMPAU	1970	215	6	5009	10 1970	43.0	4966	MOWER & CORDOVA 1974	
(C-29-11)11ABA	RIMPAU	1923	84	14	5008	12 1951	18.0	4990	USGS 1980	DESTROYED
(C-29-11)11ACC1	RIMPAU	1914	53	5	5008	04 1940	13.0	4995	MOWER & CORDOVA 1974	DESTROYED
(C-29-11)11ACC2	RIMPAU	1957	170	6	5008	06 1957	30.0	4978	MOWER & CORDOVA 1974	
(C-29-11)11ACD1	RIMPAU	1928	82	16	5010	12 1951	15.0	4995	USGS 1980	DESTROYED
(C-29-11)11ACD2	RIMPAU	1955	166	14	5010	05 1955	21.0	4989	MOWER & CORDOVA 1974	
(C-29-11)11BAA	RIMPAU	1949	57	14	5000	04 1952	7.0	4993	USGS 1980	
(C-29-11)11CAA	RIMPAU	1952	95	14	5010	04 1952	14.0	4996	MOWER & CORDOVA 1974	
(C-29-11)11CAD	RIMPAU	1924	63	18	5007	12 1951	12.0	4995	USGS 1980	DESTROYED
(C-29-11)11CCD	APPLEGATE	1928	62	14	5016	03 1930	18.0	4998	MOWER & CORDOVA 1974	
(C-29-11)11CDD1	APPLEGATE	1929	63	18	5018	01 1930	17.0	5001	MOWER & CORDOVA 1974	DESTROYED
(C-29-11)11CDD2	APPLEGATE	1949	90	16	5018	10 1979	54.0	4964	USGS 1980	
(C-29-11)11DDC1	APPLEGATE	1927	65	16	5018	04 1941	19.0	4999	MOWER & CORDOVA 1974	DESTROYED
(C-29-11)11DDC2	APPLEGATE	1961	400	16	5018	09 1961	39.0	4979	MOWER & CORDOVA 1974	
(C-29-11)11DDD1	COOK	1918	83		5018	12 1937	20.0	4998	MOWER & CORDOVA 1974	DESTROYED
(C-29-11)11DDD3	COOK	1952	64	6	5018	03 1952	14.0	5004	USGS 1980	
(C-29-11)11DDD4	COOK	1961	155	8	5018	09 1961	32.0	4986	MOWER & CORDOVA 1974	
(C-29-11)12AAA	GREEN DIAMOND	1950	305	8	5022	03 1950	24.0	4998	MOWER & CORDOVA 1974	
(C-29-11)12ADD	GREEN DIAMOND		202	14	5030	03 1950	26.0	5004	MOWER & CORDOVA 1974	
(C-29-11)12CAA	GREEN DIAMOND	1963	312	16	5021	05 1963	45.0	4976	MOWER & CORDOVA 1974	
(C-29-11)12CCD	GREEN DIAMOND	1920	60	16	5020				USGS 1980	
(C-29-11)12DDC	GREEN DIAMOND	1952	240	16	5033	06 1953	35.0	4998	MOWER & CORDOVA 1974	
(C-29-11)12DDD	GREEN DIAMOND	1950	232	16	5035	06 1950	29.0	5006	MOWER & CORDOVA 1974	
(C-29-11)13ADD	NEBEKER	1946	278	14	5043	03 1979	71.0	4972	USGS 1980	
(C-29-11)13BCD	NEBEKER	1924	60	16	5030				USGS 1980	DESTROYED
(C-29-11)13CBD	NEBEKER	1923	50	14	5037	04 1940	29.0	5008	USGS 1980	DESTROYED
(C-29-11)13CCD	NEBEKER	1920	72	16	5039	03 1950	29.0	5010	USGS 1980	DESTROYED
(C-29-11)13DCB	NEBEKER	1969	445	16	5040	05 1969	65.0	4975	MOWER & CORDOVA 1974	
(C-29-11)13DCC	NEBEKER	1955	300	16	5043	06 1955	49.0	4994	MOWER & CORDOVA 1974	
(C-29-11)13DDD	NEBEKER	1947	248	16	5053	12 1951	46.0	5007	MOWER & CORDOVA 1974	
(C-29-11)14AAD1	BARNES	1920	73	10	5023	03 1950	19.0	5004	USGS 1980	DESTROYED
(C-29-11)14AAD2	BARNES	1952	210	16	5023	03 1953	23.0	5000	MOWER & CORDOVA 1974	
(C-29-11)14ABA	BARNES	1922	64	16	5018				MOWER & CORDOVA 1974	DESTROYED
(C-29-11)15ABC	COOK	1966	100	6	5007	01 1971	15.0	4992	MOWER & CORDOVA 1974	
(C-29-11)15ABD	COOK	1935	20	42	5007	12 1936	12.0	4995	USGS 1980	DESTROYED
(C-29-11)19CAA1	COOK	1938	60	6	5052	04 1940	45.0	5007	USGS 1980	DESTROYED
(C-29-11)19CAA2	COOK	1960	75	6	5052	10 1971	54.0	4998	MOWER & CORDOVA 1974	
(C-29-11)20BBB	BLM	1924	45	16	5018	01 1939	15.0	5003	USGS 1980	DESTROYED
(C-29-11)20DCD	BLM	1939	5	2	5007	10 1939	3.0	5004	USGS 1980	DESTROYED
(C-29-11)21CDD	COOK	1933		6	5012	10 1970	8.0	5004	MOWER & CORDOVA 1974	
(C-29-11)21DAD	COOK	1924	60	18	5021				USGS 1980	DESTROYED
(C-29-11)21DDD1	KIRK	1924	66	12	5026	10 1938	0.0	5026	USGS 1980	DESTROYED
(C-29-11)21DDD2	KIRK	1923	70	12	5026				USGS 1980	DESTROYED
(C-29-11)22ACD	CHRISTIANSEN	1927	90	14	5024				USGS 1980	DESTROYED
(C-29-11)22ADA	CHRISTIANSEN		30		5026				USGS 1980	DESTROYED
(C-29-11)22ADD1	CHRISTIANSEN	1928	63	14	5028	04 1940	22.0	5006	MOWER & CORDOVA 1974	
(C-29-11)22ADD2	CHRISTIANSEN	1960	212	16	5028	07 1960	42.0	4986	MOWER & CORDOVA 1974	
(C-29-11)22CCD	KIRK	1923			5026				USGS 1980	DESTROYED
(C-29-11)22DDD	CHRISTIANSEN	1923	85	14	5035	03 1961	37.0	4998	USGS 1980	
(C-29-11)23BCD	TONN	1921	95	14	5033	12 1950	25.0	5008	USGS 1980	DESTROYED
(C-29-11)23BDD	TONN	1950	204	16	5037		31.0	5006	MOWER & CORDOVA 1974	
(C-29-11)23CAD2	CHRISTIANSEN	1953	200	14	5039	10 1953	34.0	5005	MOWER & CORDOVA 1974	
(C-29-11)24BCD	TONN	1921	95	14	5033	12 1950	25.0	5008	USGS 1980	DESTROYED
(C-29-11)27AAD	MARSHALL	1955	204	16	5039	08 1955	37.0	5002	MOWER & CORDOVA 1974	
(C-29-11)27ADD2	MARSHALL	1948	118	14	5043				MOWER & CORDOVA 1974	
(C-29-11)27BAD1	MARSHALL	1930	70	12	5032				MOWER & CORDOVA 1974	DESTROYED
(C-29-11)27BAD2	MARSHALL	1949	200	6	5032	12 1951	23.0	5009	MOWER & CORDOVA 1974	
(C-29-11)27BDA	MARSHALL	1951	189	14	5032	06 1951	28.0	5004	MOWER & CORDOVA 1974	
(C-29-11)27BDD2	MARSHALL	1951	155	14	5034	06 1951	29.0	5005	MOWER & CORDOVA 1974	
(C-29-11)27CAD	MARSHALL	1948	300	16	5037	05 1948	39.0	4998	USGA 1980	DESTROYED
(C-29-11)27CDA	MARSHALL	1955	216	16	5037	08 1955	32.0	5005	MOWER & CORDOVA 1974	
(C-29-11)27DAD	MARSHALL	1948	300	16	5045	03 1979	61.0	4984	USGS 1980	
(C-29-11)27DCB	MARSHALL	1928	68	12	5038	02 1938	29.0	5009	MOWER & CORDOVA 1974	
(C-29-11)28AAD2	JEPPSON	1950	202	12	5026	12 1951	18.0	5008	MOWER & CORDOVA 1974	
(C-29-11)28ABC	JEPPSON	1959	259	16	5025	06 1959	28.0	4997	MOWER & CORDOVA 1974	
(C-29-11)28ADD2	KESLER	1948	196	12	5028	04 1950	21.0	5007	MOWER & CORDOVA 1974	
(C-29-11)28DAA	KESLER		140	6	5028				MOWER & CORDOVA 1974	
(C-29-11)29ADA	BLM		66		5021	09 1936	15.0	5006	USGS 1980	DESTROYED
(C-29-11)29BBA	BLM				5008	05 1951	2.0	5006	USGS 1980	DESTROYED
(C-29-11)29DDD	BLM	1926	70	16	5025	09 1935	17.0	5008	USGS 1980	DESTROYED
(C-29-11)32ADD	MINERSVILLE	1925	70	12	5025				USGS 1980	DESTROYED
(C-29-11)33ACB	VESPIGUANI	1926	30		5031				USGS 1980	DESTROYED
(C-29-11)33BCC	COPPERKING	1918	25	2	5026				USGS 1980	DESTROYED
(C-29-11)33BDD	COPPERKING	1926			5033				USGS 1980	DESTROYED
(C-29-11)33CAA	COPPERKING	1918	25	2	5032				USGS 1980	DESTROYED
(C-29-11)33CBA	COPPERKING	1925	70	12	5031				USGS 1980	DESTROYED
(C-29-11)33CDD	COPPERKING		90		5030				USGS 1980	DESTROYED
(C-29-11)34ADA	BLM				5047				USGS 1980	DESTROYED
(C-29-11)35ADC	BLM		94		5063	12 1954	39.0	5004	USGS 1980	DESTROYED
(C-29-11)35CAB	BLM				5055	03 1957	48.0	5007	USGS 1980	DESTROYED
(C-29-12)31BAA	BLM				5440	01 1972	170.0	5270	USGS 1980	
(C-29-12)33AAA				6	5270	08 1972	245.0	5025	MOWER & CORDOVA 1974	
(C-29-12)35DDD	BLM	1953	102	4	5099	10 1974	90.0	5009	USGS 1980	

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WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo. - yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
(C-29-12)36CBB	BLM			8	5110	11 1970	103.0	5007	MOWER & CORDOVA 1974	
(C-29-13)31CCC	BLM		480	6	5442		390.0	5052	MOWER & CORDOVA 1974	
(C-30-10) 2AAD	EYRE	1910	100	6	5282				USGS 1980	
(C-30-10) 4AAA	BLM	1953	161	4	5178	12 1953	127.0	5051	USGS 1980	
(C-30-10) 6BBB	BLM	1953	113	4	5096	10 1953	75.0	5021	MOWER & CORDOVA 1974	
(C-30-10) 6DDD	BLM	1953	140	4	5128	03 1979	119.0	5009	USGS 1980	
(C-30-10) 7BBA	GOODSON				5109	1927	93.0	5016	USGS 1980	DESTROYED
(C-30-10) 7CDD	GOODSON	1953	140	4	5109	11 1953	75.0	5034	MOWER & CORDOVA 1974	
(C-30-10) 8DDD	BLM	1953	167	4	5159	03 1979	127.0	5032	USGS 1980	
(C-30-10)10ABB	CARTER	1955	320	14	5202	10 1979	138.0	5064	USGS 1980	
(C-30-10)10BCD			165		5198	06 1953	122.0	5076	USGS 1980	DESTROYED
(C-30-10)11CDC	MARSHALL		200	6	5267	04 1961	155.0	5112	MOWER & CORDOVA 1974	
(C-30-10)11CDD	MARSHALL	1919	172	4	5267	04 1940	142.0	5125	USGS 1980	DESTROYED
(C-30-10)12ACB	LDS	1956	100	6	5268	10 1979	10.0	5258	USGS 1980	
(C-30-10)12CDA	GRAY	1930	375	4	5303	09 1935	31.0	5272	USGS 1980	DESTROYED
(C-30-10)12CAD2	MINERSVILLE	1956	200		5315	03 1972	20.0	5295	MOWER & CORDOVA 1974	DESTROYED
(C-30-10)15BBC	MARSHALL	1931	165	2	5203				USGS 1980	DESTROYED
(C-30-10)16BDD	CARTER	1924	136	4	5180	04 1940	129.0	5051	USGS 1980	DESTROYED
(C-30-10)16CAA	CARTER	1955	194		5185				USGS 1980	DESTROYED
(C-30-10)17ADD	MINERSVILLE				5160				USGS 1980	
(C-30-10)19AAB	CARTER	1953	123	4	5141	11 1953	101.0	5040	USGS 1980	
(C-30-10)19ABD1	NET CRAW	1960	360	6	5140	10 1960	97.0	5043	MOWER & CORDOVA 1974	
(C-30-10)19ABD2	NET CRAW	1960	293	16	5140	03 1961	97.0	5043	MOWER & CORDOVA 1974	
(C-30-10)31CAB	BLM	1964	400	6	5347	10 1964	307.0	5040	MOWER & CORDOVA 1974	
(C-30-11) 4BAA	MINERSVILLE	1953	299	16	5031	03 1979	39.0	4992	USGS 1980	
(C-30-11) 4CDD1	GATES		34		5040	03 1961	32.0	5008	USGS 1980	DESTROYED
(C-30-11) 4CDD2	GATES		42		5040	10 1935	42.0	4998	USGS 1980	DESTROYED
(C-30-11) 6DCC	BLM	1939	13	2	5019	10 1939	9.0	5010	USGS 1980	DESTROYED
(C-30-11) 8ADD	BLM		100		5040	04 1940	27.0	5013	USGS 1980	DESTROYED
(C-30-11) 8ZAA	MINERSVILLE				5028	04 1940	16.0	5010	USGS 1980	DESTROYED
(C-30-11) 8ODC	GATES		78		5040	04 1940	28.0	5012	USGS 1980	DESTROYED
(C-30-11) 7CDD	GATES				5044	11 1970	41.0	5003	USGS 1980	
(C-30-11)10CBB	BLM		95		5055	04 1940	43.0	5012	USGS 1980	DESTROYED
(C-30-11)12BBB	BLM	1953	112	4	5081	03 1979	74.0	5007	USGS 1980	
(C-30-11)17BCC	BLM				5032	1927	21.0	5011	USGS 1980	DESTROYED
(C-30-11)18AAA	BLM	1971	630	6	5031	07 1971	26.0	5005	MOWER & CORDOVA 1974	
(C-30-11)18ADD	BLM				5034	11 1941	21.0	5013	USGS 1980	DESTROYED
(C-30-11)19ABB	BLM				5036	1927	23.0	5013	USGS 1980	DESTROYED
(C-30-11)20ADD	BLM				5049	1927	30.0	5019	USGS 1980	DESTROYED
(C-30-11)20CDC	BLM				5055	1927	37.0	5018	USGS 1980	DESTROYED
(C-30-11)21CDD	GATES				5075	1927	40.0	5035	USGS 1980	DESTROYED
(C-30-11)22BAA	BLM		92		5044	04 1940	47.0	5017	USGS 1980	DESTROYED
(C-30-11)22DDC	BLM	1939	165	6	5124	01 1935	102.0	5022	MOWER & CORDOVA 1974	
(C-30-11)24CCB	MINERSVILLE	1953	112	4	5129	03 1979	49.0	5080	USGS 1980	
(C-30-11)30DDA	BLM	1953	125	4	5098	10 1979	91.0	5007	USGS 1980	
(C-30-12) 3CDD	POSIK	1935		10	5061				USGS 1980	DESTROYED
(C-30-12) 3DDA	POSIK	1935		38	5061	12 1970	51.0	5010	MOWER & CORDOVA 1974	
(C-30-12) 4ADD	POSIK	1923		48	5134	11 1961	112.0	5022	USGS 1980	DESTROYED
(C-30-12) 6CCA	BLM	1935	537	6	5280	10 1935	230.0	5050	MOWER & CORDOVA 1974	DESTROYED
(C-30-12) 8ADD	BLM				5012				USGS 1980	DESTROYED
(C-30-12) 8CAD	MINERSVILLE	1916	100		5135				USGS 1980	DESTROYED
(C-30-12) 8DAC	MINERSVILLE				5115				USGS 1980	DESTROYED
(C-30-12) 9AAD	LARSEN	1925			5068				MOWER & CORDOVA 1974	DESTROYED
(C-30-12) 9ADD	LARSEN	1940	50	10	5065				MOWER & CORDOVA 1974	
(C-30-12) 9CAA1	MINERSVILLE		61		5078				USGS 1980	DESTROYED
(C-30-12) 9CAA2	MINERSVILLE	1916	100		5078				USGS 1980	DESTROYED
(C-30-12) 9DAA1	MINERSVILLE		32		5032	04 1940	29.0	5023	USGS 1980	DESTROYED
(C-30-12) 9DAA2	MINERSVILLE				5033				USGS 1980	DESTROYED
(C-30-12)10AAA1	HAMMOND		33		5048	04 1940	31.0	5017	USGS 1980	DESTROYED
(C-30-12)10AAA2	HAMMOND	1927	125	3	5048				USGS 1980	DESTROYED
(C-30-12)10ABB	HAMMOND		41		5061	04 1940	39.0	5022	USGS 1980	DESTROYED
(C-30-12)10ADD	HAMMOND		41						USGS 1980	DESTROYED
(C-30-12)11ACB	APPLEMAN	1922	30	48	5032				USGS 1980	DESTROYED
(C-30-12)11BAD	UNION PACIFIC	1905	401	12	5032	1905	27.0	5005	MOWER & CORDOVA 1974	
(C-30-12)11BBB	BARNES	1920	35	48	5049	10 1935	32.0	5017	USGS 1980	DESTROYED
(C-30-12)12ABB	LINDMAN				5021				USGS 1980	DESTROYED
(C-30-12)12BBB1	MINERSVILLE		4		5029	11 1935	17.0	5012	USGS 1980	DESTROYED
(C-30-12)12BBB2	MINERSVILLE		14		5029				USGS 1980	DESTROYED
(C-30-12)12CBB	LINDMAN				5023	1927	10.0	5013	USGS 1980	DESTROYED
(C-30-12)13BCB	MINERSVILLE		43	2	5023	10 1939	9.0	5014	MOWER & CORDOVA 1974	
(C-30-12)17ADD	MINERSVILLE		62		5085				USGS 1980	DESTROYED
(C-30-12)19CDD	BLM		72		5123				USGS 1980	DESTROYED
(C-30-12)19CCC1	MINERSVILLE		90		5121				USGS 1980	DESTROYED
(C-30-12)19CCC2	MINERSVILLE	1915	60		5120				USGS 1980	DESTROYED
(C-30-12)19DDB	NELL	1915	30	72	5043				USGS 1980	DESTROYED
(C-30-12)20AAA	MC CARTER		47		5070	11 1941	45.0	5025	USGS 1980	DESTROYED
(C-30-12)21BDC	BLM	1971	857	6	5035	07 1971	13.0	5022	MOWER & CORDOVA 1974	
(C-30-12)22AAD	BLM	1939	10	2	5024	10 1939	7.0	5017	USGS 1980	DESTROYED
(C-30-12)23DDD	FARR	1924	50	42	5068	1927	48.0	5020	USGS 1980	DESTROYED
(C-30-12)24DCC1	MINERSVILLE	1919	71	48	5072				USGS 1980	DESTROYED
(C-30-12)24DCC2	MINERSVILLE	1916	60		5072				USGS 1980	DESTROYED
(C-30-12)24DDD1	MINERSVILLE		30		5070				USGS 1980	DESTROYED
(C-30-12)24DDD2	MINERSVILLE	1918	60		5070				USGS 1980	DESTROYED
(C-30-12)25BBB	BLM				5078				USGS 1980	DESTROYED
(C-30-12)27CBB	BLM				5030	11 1925	19.0	5011	USGS 1980	DESTROYED

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(C-30-12)28AC	MINERSVILLE	1939	4	2	5034	10 1939	4.0	5030	USGS 1980	DESTROYED
(C-30-12)28DA8	MINERSVILLE	1939	10	2	5033	10 1939	5.0	5028	USGS 1980	DESTROYED
(C-30-12)29DDA	BLM	1939	10	2	5039	10 1939	8.0	5031	USGS 1980	DESTROYED
(C-30-12)3C3CB	UTAH				5042	1927	28.0	5014	USGS 1980	DESTROYED
(C-30-12)31BCB	MINERSVILLE		43		5023	10 1939	9.0	5014	USGS 1980	DESTROYED
(C-30-12)31BCC	MINERSVILLE		34		5054				USGS 1980	DESTROYED
(C-30-12)31BCD1	MINERSVILLE	1914	37	42	5055	1927	22.0	5033	USGS 1980	DESTROYED
(C-30-12)31BDC1	MINERSVILLE	1913	20	48	5054	04 1938	16.0	5038	USGS 1980	DESTROYED
(C-30-12)31BDC2	MINERSVILLE	1918	60		5054				USGS 1980	DESTROYED
(C-30-12)31CBA	DILKEY	1923	40	48	5055				USGS 1980	DESTROYED
(C-30-12)33BAC	SMITH				5048				USGS 1980	DESTROYED
(C-30-12)3398D	SMITH		17		5050				USGS 1980	DESTROYED
(C-30-12)3CCDC					5290				USGS 1980	DESTROYED
(C-30-13) 2CCC	LAMOREAUX	1950	323	6	5310	09 1950	271.0	5039	MOWER & CORDOVA 1974	
(C-30-13) 5CAA	GUYMON	1949	263	6	5277				MOWER & CORDOVA 1974	
(C-30-13)14BCC	COOK			6	5189	08 1971	150.0	5039	MOWER & CORDOVA 1974	
(C-30-13)18DDD	GUYMON	1918	209	6	5220	04 1940	172.0	5048	MOWER & CORDOVA 1974	
(C-30-13)20CDB1	GUYMON	1915	160	12	5148	04 1940	105.0	5043	USGS 1980	DESTROYED
(C-30-13)20DDB2	GUYMON	1968	149	6	5147	12 1968	106.0	5041	MOWER & CORDOVA 1974	
(C-30-13)21CDC	GUYMON	1914	90	42	5110				USGS 1980	DESTROYED
(C-30-13)21DDD	GUYMON				5123	04 1940	93.0	5030	USGS 1980	
(C-30-13)22DDD	LAMOREAUX	1921	90	16	5101	04 1940	64.0	5037	MOWER & CORDOVA 1974	
(C-30-13)23BDD	COOK		30		5130				USGS 1980	DESTROYED
(C-30-13)23CDD	COOK	1913	75	12	5094	11 1970	53.0	5041	MOWER & CORDOVA 1974	
(C-30-13)24DBD	WHITE		85		5105				USGS 1980	DESTROYED
(C-30-13)24DCC	COOK	1913	185	8	5073				USGS 1980	DESTROYED
(C-30-13)25ABB	COOK		74		5072				MOWER & CORDOVA 1974	
(C-30-13)25DDD	COOK				5043	09 1941	8.0	5035	USGS 1980	DESTROYED
(C-30-13)26ABA	COOK				5075				USGS 1980	DESTROYED
(C-30-13)27DCC	HARRIS		37		5085	04 1940	35.0	5050	USGS 1980	DESTROYED
(C-30-13)28DCC	GUYMON				5092				USGS 1980	DESTROYED
(C-30-13)29DCC	GUYMON		185	6	5102	07 1938	56.0	5046	MOWER & CORDOVA 1974	
(C-30-13)3C3DD1	GUYMON	1919	87	60	5130	04 1940	86.0	5044	USGS 1980	DESTROYED
(C-30-13)3C8DD2	GUYMON			6	5128	11 1970	84.0	5044	MOWER & CORDOVA 1974	
(C-30-13)30DCC	GUYMON				5100	09 1941	59.0	5041	USGS 1980	DESTROYED
(C-30-13)33ABB	COOK	1913	90	12	5091	04 1940	50.0	5041	MOWER & CORDOVA 1974	
(C-30-13)33BAD	COOK	1913	85	12	5085				USGS 1980	DESTROYED
(C-30-13)34BBA	COOK	1916	144	12	5086	03 1976	44.0	5042	USGS 1980	
(C-30-13)34BBB	COOK	1914	90	12	5088	04 1940	46.0	5042	MOWER & CORDOVA 1974	DESTROYED
(C-31-12) 3CDD	NADA	1930	175	6	5215				USGS 1980	DESTROYED
(C-31-12) 4DDD	NADA	1950	132	6	5140	11 1961	108.0	5032	MOWER & CORDOVA 1974	
(C-31-12) 6CAB	ROSSI				5064				USGS 1980	DESTROYED
(C-31-12) 9ABB	KEITH			48	5122	11 1939	76.0	5046	USGS 1980	DESTROYED
(C-31-12) 9CBC	BONNER		62	60	5108	11 1939	60.0	5048	USGS 1980	DESTROYED
(C-31-12)17BCC	MCGUIRE			48	5081				USGS 1980	DESTROYED
(C-31-12)17DCB	BONNER		49	48	5094	08 1939	46.0	5048	MOWER & CORDOVA 1974	
(C-31-13) 1AAA	STEPHENSON	1927	150		5070	09 1938	27.0	5043	USGS 1980	DESTROYED
(C-31-13) 1DBB	STEPHENSON	1928	114	12	5071	03 1938	28.0	5043	MOWER & CORDOVA 1974	
(C-31-13) 4BCC1	BEEHIVE	1930	40	10	5072	07 1941	28.0	5044	USGS 1980	DESTROYED
(C-31-13) 4BCC2	BEEHIVE	1931	94	12	5072	11 1961	28.0	5044	MOWER & CORDOVA 1974	
(C-31-13) 4CDD	HAMMERMAN		36	42	5071	03 1938	24.0	5047	USGS 1980	DESTROYED
(C-31-13) 5CCC	GRANT			36	5110				USGS 1980	DESTROYED
(C-31-13) 6ADC	BEEHIVE	1915	84	8	5105	08 1939	50.0	5055	MOWER & CORDOVA 1974	
(C-31-13) 6BAC	BEEHIVE	1915	68	48	5112				USGS 1980	DESTROYED
(C-31-13) 7ADD	BEEHIVE	1915	71	48	5113				USGS 1980	DESTROYED
(C-31-13) 7DDA	BEEHIVE		60	48	5112	04 1940	58.0	5054	USGS 1980	DESTROYED
(C-31-13) 8CCB	GRANT			12	5109				USGS 1980	DESTROYED
(C-31-13) 8DBC	GRANT	1908	40	36	5087	03 1938	37.0	5050	USGS 1980	DESTROYED
(C-31-13)10DAA	REPUBLIC	1977	475	1	5066				USGS 1980	
(C-31-13)17ABB				8					USGS 1980	DESTROYED
(C-31-13)18AAD	BEEHIVE	1961	101	6	5117	09 1962	62.0	5055	MOWER & CORDOVA 1974	
(C-31-14) 1AAA	BEEHIVE	1921	73	48	5113				USGS 1980	DESTROYED
(C-31-14) 9BCD	BLM	1938	47	6	5508	04 1940	43.0	5465	USGS 1980	
(C-31-14) 9BDB	BLM				5504	07 1976	43.0	5461	USGS 1980	
(C-31-14)16DDA	REPUBLIC	1977	495	1	5430				USGS 1980	

Milford District, Utah

RECORDS OF SPRINGS

LOCATION	STATION NAME	DATE OF MEASUREMENT (mo. – yr.)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DISCHARGE (GPM)	REFERENCE	REMARKS
(C-24-10)22ADB		1972	4880	500.0	MOWER & CORDOVA 1974	ESTIMATED
(C-25-9) 9ADB	ANTELOPE	9 1971	5080	3.0	MOWER & CORDOVA 1974	
(C-25-12)34DBC	HIGH ROCK	9 1963	5890	0.3	MOWER & CORDOVA 1974	
(C-25-12)35CAA	ARMSTRONG		5645		MOWER & CORDOVA 1974	
(C-26-9)34BD	SALT		6100		USGS 1980	
(C-26-9)34DCB	ROOSEVELT	10 1970	6000		MOWER '74/USGS '80	
(C-26-11)19DBB	WEST		6100		MOWER '74/USGS '80	
(C-26-11)29AAC	SMITH	9 1971	5830	1.0	MOWER & CORDOVA 1974	ESTIMATED
(C-26-11)29ABB	BANDSLEY		6050		MOWER '74/USGS '80	
(C-26-11)29CCC	BRAINFIELD TUNNEL		6100		USGS 1980	
(C-26-12)10BDB	THREE KILNS	9 1971	5970	1.0	MOWER & CORDOVA 1974	
(C-26-12)30DAB	SOUTH SEEP		6590		MOWER & CORDOVA 1974	
(C-26-13)22ACC	CRYSTAL		6920		USGS 1980	
(C-27-9)35DCB	RANCH CANYON	9 1971	6500	19.0	MOWER & CORDOVA 1974	
(C-27-12) 6CAC	COYOTE		6750		MOWER & CORDOVA 1974	
(C-28-9)14DBB	ROCK CORRAL	9 1971	7150	5.0	MOWER & CORDOVA 1974	
(C-28-9)23CDD	MC EWEN		7250		MOWER & CORDOVA 1974	
(C-28-9)29CAD	GRIFFITH		6400		MOWER & CORDOVA 1974	
(C-28-11)24ACC	TADPOLE	6 1972	4970		MOWER & CORDOVA 1974	
(C-28-12)29DCC	WOODHOUSE		6160		MOWER & CORDOVA 1974	
(C-29-9)17BCB	GUY'S		6610		MOWER & CORDOVA 1974	
(C-29-9)19BBB	OAK				USGS 1980	
(C-29-9)29ABB	CREOLE		6380		MOWER & CORDOVA 1974	
(C-29-10)13CDD	SHEARING CORRAL		5840		USGS 1980	
(C-29-10)24CAB	NORTH		5700		USGS 1980	
(C-29-11)15AAD	HAY	6 1972	4995		MOWER & CORDOVA 1974	
(C-29-12) 9CBD	WHEELER	11 1980			ERTEC 1981	
(C-30-9) 7ACA	MINERSVILLE		5302		USGS 1980	
(C-30-9)19BDC			5715		MOWER & CORDOVA 1974	
(C-30-9)31DAA	WILLOW		6160		MOWER & CORDOVA 1974	
(C-30-12)21ADD	THERMO	5 1971	5045	11.0	MOWER & CORDOVA 1974	
(C-30-14) 7BCC	IRON MINE	7 1976	5180	0.1	USGS 1980	EST. <.1
(C-31-9) 3CBA	BIG MAPLE		6700		USGS 1980	
(C-31-9) 5BBA	WINE GRASS		6280		USGS 1980	
(C-31-10) 8BDA	DRY WILLOW		6000		USGS 1980	
(C-31-15)13CBA	PROUT DOUTSON		5860		USGS 1980	
(C-31-15)13AAA	CATTLE		5830		USGS 1980	
(C-31-15)13ACB			5915		USGS 1980	
(C-31-15)13CAA	BULL		6005		USGS 1980	
(C-31-16)10CAB	KEEL		6125		USGS 1980	
(C-31-17)16DAA	LONE PINE		6830		USGS 1980	

Monitor Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
18N/47E- 5C	DAMELE		115	6	6299	3/1948	81	6218		RUSH ET AL 64
18N/47E-20A				6	6317	10/1980	90	6227		ERTEC 80/NVSEO
17N/47E- 8A				6	6380	10/1980	77	6303		ERTEC 80/NVSEO
16N/47E- 4D				6	6450	10/1980	60	6390		ERTEC 80/NVSEO
16N/47E-35ABA	AIRPORT			6	6515	10/1980	98	6417		ERTEC 80/NVSEO
16N/48E- 8BA					6850		108	6742		NV STATE ENG 79
15N/47E- 8ADA	MONITOR RANCH		210		6720	4/1964	170	6550		ROBINSON ET AL 67
15N/48E-30CAD	MONITOR RANCH	1959	350	12	6692	/1959	10	6682		ROBINSON ET AL 67
13N/47E-23CC					7000	9/1968	12	6988		NV STATE ENG 79
13N/47E-29C	PINE CREEK RANCH			8	6790	10/1980	3	6787		ERTEC 80/NVSEO
12N/47E- 7AA				6	6788	10/1980	5	6783		ERTEC 80/NVSEO
12N/47E-19BB	PINE CREEK RANCH				6798	10/1980	4	6794		ERTEC 80/NVSEO
11N/46E- 6AC				5	6840	10/1980	21	6819		ERTEC 80/NVSEO
11N/46E-15AAA	PINE CREEK RANCH			6	6839	10/1980	6	6833		ERTEC 80/NVSEO
10N/46E-12A	PINE CREEK RANCH	1947	93	12	6888	10/1980	4	6884		ERTEC 80/NVSEO
10N/46E-12D2	WARDLAW	1947	94	12	6892	10/1980	10	6882		ERTEC 80/NVSEO
9N/47E-16BA	BARLEY CK.RNCH.			12	7220	10/1980	16	7204.		ERTEC 80/NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	18N/47E- 5CD	WE	10-80		11.0	460	7.9	295	45	44	11	32
2	18N/47E-20AD	WE	4-64		22.0	579	7.8	--	--	62	12	36
3	17N/48E-21AC	SP	10-80		9.0	215	6.8	17	44	27	4.0	14
4	16N/47E- 4DD	WE	4-64	POTTS RANCH WELL	16.0	460	7.6	--	--	50	8.8	31
5	15N/46E-20DB	ST	10-80	CORRAL CYN.	.0	215	6.4	--	--	--	--	--
6	15N/46E-27AD	SP	10-80		6.0	105	5.9	--	--	--	--	--
7	15N/46E-28AA	ST	10-80		1.0	155	6.3	--	--	--	--	--
8	15N/47E- 8ADA	WE	10-80	MONITOR RANCH WELL	11.0	380	7.1	328	42	61	13	27
9	15N/47E-29CB	SP	10-80	MUD SPRING	9.0	265	6.1	--	--	--	--	--
10	15N/47E-35DD	ST	10-80		14.0	520	8.2	390	29	54	13	54
11	14N/46E-13AD	ST	10-80	IKES CYN.	7.0	290	8.4	--	--	--	--	--
12	13N/47E-29C	WE	4-64	PINE CREEK RANCH	12.0	1470	8.7	--	--	48	39	200
13	12N/47E-19BB	WE	10-80	PINE CREEK RANCH	9.0	1200	6.6	1000	66	130	16	190
14	12N/47E-32AC	ST	10-80	MOSQUITO CK.	2.0	105	7.1	--	--	--	--	--
15	11N/46E-15AAA	WE	10-80	PINE CREEK RANCH	7.0	300	7.5	207	38	36	4.8	27
16	11N/46E-18DDB	ST	10-80	PINE CREEK	4.0	45	6.9	--	--	--	--	--
17	10N/46E-12A	WE	10-80	PINE CREEK RANCH	6.0	230	7.9	180	63	22	2.8	21
18	10N/46E-28BC	ST	10-80	CORCORAN CYN.	4.0	195	7.8	143	23	11	1.2	33
19	9N/47E-16BA	WE	10-80	BARLEY CK.RNCH.WELL	2.0	170	5.9	133	36	21	2.5	12
20	9N/47E-16BB	WE	10-80		2.0	170	5.9	--	--	--	--	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	6.8	0	180	15	56	.5	.6	--	24	3.0	*1	ERTEC 80
2	--	0	160	43	38	--	--	--	--	--		RUSH 64
3	3.4	0	128	6.0	10	.2	.1	--	ND	ND	*1	ERTEC 90
4	--	0	182	15	55	--	--	--	--	--		RUSH 64
5	--	--	--	--	--	--	--	--	--	--		ERTEC 80
6	--	--	--	--	--	--	--	--	--	--		ERTEC 80
7	--	--	--	--	--	--	--	--	--	--		ERTEC 80
8	4.9	0	247	16	50	.2	1.4	--	100	8.0	*1	ERTEC 80
9	--	--	--	--	--	--	--	--	--	--		ERTEC 90
10	17	0	239	16	59	2.3	.1	--	300	6.0	*1	ERTEC 90
11	--	--	--	--	--	--	--	--	--	--		ERTEC 90
12	--	20	212	110	340	--	--	--	--	--		RUSH 64
13	24	0	490	190	200	ND	.2	--	300	.2	*1	ERTEC 90
14	--	--	--	--	--	--	--	--	--	--		ERTEC 90
15	.8	0	300	3.0	3	.1	ND	--	200	17		ERTEC 80
16	--	--	--	--	--	--	--	--	--	--		ERTEC 90
17	5.5	0	131	4.9	6	.1	.3	--	ND	7.0	*1	ERTEC 90
18	1.2	0	99	5.4	16	.2	.3	--	300	21	*1	ERTEC 80
19	5.0	0	108	3.9	5	50	ND	--	100	130		ERTEC 80
20	--	--	--	--	--	--	--	--	--	--		ERTEC 90

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE ON EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Monitor Valley, Nevada

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
17N/48E-13BA	SP		10/1980	0.0	8000	DRY	ERTEC 80
17N/48E-21AC	SP		10/1980	10.0	7050	DISCHARGE EST.	ERTEC 80
15N/46E- 2C	SP	DEER SPRING	10/1980	0.0	7200	DISCHARGE=SEEP	ERTEC 80
15N/46E- 3C	SP	SAMS SPRING	10/1980	0.0	7440	DISCHARGE=SEEP	ERTEC 80
15N/46E-20DB	ST	CORRAL CYN.	10/1980	4.0	7800		ERTEC 80
15N/46E-21CC	ST	CORRAL CYN.	10/1980	7.0	7600		ERTEC 80
15N/46E-23BD	ST		10/1980	32	7200		ERTEC 80
15N/46E-27AD	SP		10/1980	15	7600	DISCHARGE EST.	ERTEC 80
15N/46E-28AA	ST		10/1980	15	7450	DISCHARGE EST.	ERTEC 80
15N/47E-14	ST	STONEBERGER CK.	4/1964	670	6575	DISCHARGE EST.	ROBINSON ET AL 67
15N/47E-25	ST	WILLOW CK.	4/1964	220	6650	DISCHARGE EST.	ROBINSON ET AL 67
15N/47E-29CB	SP	MUD SPRING	10/1980	1.0	7100		ERTEC 80
15N/47E-35DD	ST		10/1980	400	6640		ERTEC 80
15N/48E-29	ST		5/1964	450	6750	DISCHARGE EST.	ROBINSON ET AL 67
14N/46E-13AD	ST	IKES CYN.	10/1980	92	7520		ERTEC 80
14N/47E- 2	ST	STONE CK. TRIB.	4/1964	900	6650	DISCHARGE EST.	ROBINSON ET AL 67
14N/47E-22	ST	STONE CK. TRIB.	4/1964	900	6700	DISCHARGE EST.	ROBINSON ET AL 67
14N/47E-22DC	ST		10/1980	650	6700		ERTEC 80
13N/47E- 5DA	SP	BOX SPRING	10/1980	0.0	6775	DISCHARGE=SEEP	ERTEC 80
12N/47E-32	ST	MOSQUITO CK.	4/1964	900	6850	DISCHARGE EST.	ROBINSON ET AL 67
12N/47E-32AC	ST	MOSQUITO CK.	10/1980	800	6850		ERTEC 80
11N/45E-13ADD	ST	PINE CK.	10/1980	500	7500		ERTEC 80
11N/46E-16	ST	PINE CK.	5/1964	900	6880	DISCHARGE EST.	ROBINSON ET AL 67
11N/46E-18DDB	ST	PINE CREEK	10/1980	500	7200		ERTEC 80
11N/47E- 4DB	ST	MOSQUITO CK.	10/1980	250	7000		ERTEC 80
10N/46E-28	ST	CORCORAN CYN.	4/1964	90	7200	DISCHARGE EST.	ROBINSON ET AL 67
10N/46E-28BC	ST	CORCORAN CYN.	10/1980	270	7250		ERTEC 80
10N/46E-35	ST	MEADOW CK.	4/1964	9.0	6950	DISCHARGE EST.	ROBINSON ET AL 67
9N/46E- 9	ST	MEADOW CK.	4/1964	180	7150	DISCHARGE EST.	ROBINSON ET AL 67
9N/47E-16	ST	BARLEY CK.	4/1964	900	7160	DISCHARGE EST.	ROBINSON ET AL 67
9N/47E-16AB	ST	BARLEY CK.	10/1980	560	7240		ERTEC 80
9N/47E-32DB	SP		10/1980	5.0	7400		ERTEC 80
8N/46E- 1A	SP		10/1980	0.0	7240	DISCHARGE=SEEP	ERTEC 80

Muddy River Springs Area, Nevada

WELL AND WATER LEVEL DATA

WELL LOCATION	OWNER OR WATER USER	YEAR OF COMPLETION	DEPTH OF WELL (feet)	DIAMETER OF CASING (inches)	ELEVATION OF LAND SURFACE (feet above m.s.l.)	DATE OF MEASUREMENT (mo.-yr.)	DEPTH TO WATER (feet)	WATER LEVEL ELEVATION (feet above m.s.l.)	REFERENCES	REMARKS
14S/65E-8ba	Nev. Power Co.	1964	70	8	--	--	28	--	3	N.P.-064 No 2
14S/65E-8ab	C. Lewis	1949	58	12	1830	3-63	29	1801	2	N.P. No 1
14S/65E-8ac1	C. Lewis	--	44	--	1825	6-63	30	1795	2	502 gpm 1952
14S/65E-8ac2	C. Lewis	1962	65	14	--	--	18	--	3	N.P. No 3
14S/65E-8ad	C. Lewis	1959	66	16	--	--	16	--	3	N.P. No 2
14S/65E-8db1	W.O. Perkins	--	--	5+5 Feet	--	9-53	23	--	2	Open Dug-well 285 gpm 1950
14S/65E-8db	C. Lewis	1954	52	14	--	--	21	--	3	N.P. No 5
14S/65E-8dc	W.O. Perkins	1950	52	14	1825	6-63	25	1800	2	4989 gpm 1951
14S/65E-8dd	C. Lewis	1964	65	--	1800	11-80	28	1772	3	Irrigation
14S/65E-9cc1	H. Lewis	1949	75	12	--	3-61	21	--	2	420 gpm 1949
14S/65E-9cc2	F. Taylor	1958	60	12	--	--	145	--	3	Irrigation
14S/65E-9dd1	P.H. Godfrey	1959	65	12	--	7-59	10	--	2	125 gpm
14S/65E-9dd2	F. Taylor	1957	60	12	--	6-57	14	--	2	75 gpm
14S/65E-15bb_	F. Taylor	1948	80	20	--	6-63	19	--	2	1400 gpm
14S/65E-16aa	F. Taylor	--	80	14	--	9-63	--	--	2	flowing 75 gpm
14S/65E-17a	L. Perkins	--	43	17	--	11-80	17	--	1	--
14S/65E-22ab	V. Perkins	1948	150	10	--	--	21	--	3	Irrigation
14S/65E-23ab	L. Perkins	--	50	6	--	3-61	2	--	2	OBS-Well
14S/65E-23ac	L. Perkins	1948	82	16	--	6-63	2	--	2	440 gpm
14S/65E-23ac2	Nev. Power Co.	--	--	7	1726	11-80	3	1723	1	--
14S/65E-23bb	D&G Perkins	1948	60	10	--	6-63	14	--	2	270 gpm 1948
14S/65E-23bb2	R. Beamer	1958	80	10	--	--	8	--	3	Irrigation

REFERENCES: 1. Ertec Western, 1981a
2. Eakin, 1964
3. Maxey and others, 1966
4. Ertec Western, 1981b

Muddy River Springs Area, Nevada

WATER CHEMISTRY DATA

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo. - yr.)	TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (µmhos/cm @ 25 °C)	BICARBONATE (HCO_3)	CARBONATE (CO_3)	DISSOLVED SOLIDS (sum note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO_4)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO_2)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
14S/65E-9ccc		6-71	33	8.1	855	262*		600	62	27	91	12	177	66	-	-	32		2	Baldwin House Spring South
14S/65E-9ccc		6-71	33	8.0	850	266*		600	62	27	92	11	179	66	-	-	31		2	Baldwin House Spring-North
14S/65E-14cd		9-74	20	8.4	1575	297*		1070	90	54	153	15	429	117	-	0.5***	65		2	Abbot Well
14S/65E-15ccc		6-71	33	8.1	885	270*		610	64	26	97	11	182	68	-	-	29		2	Iverson Spring
14S/65E-15ddc		6-75	29	7.8	1100	292*		690	71	29	99	13	202	70	-	3.2***	-		2	Muddy River at Gage
14S/65E-16adh		6-71	33	8.1	910	270*		635	65	28	98	12	196	69	-	-	30		2	Muddy (Big) Spring
14S/65E-16bca		6-71	33	8.2	880	269*		620	63	28	96	11	184	66	-	-	32		2	Baldwin Cut Spring
14S/65E-16db		6-71	33	8.2	830	267*		610	62	27	94	12	181	66	-	-	31		2	Jones Spring
14S/65E-16ddc		7-75	32	6.6	1000	277*		720	65	29	101	10	193	61	2.1	0.5***	29		2	Pederson/ Warm Spring
14S/65E-17aa-1		11-80	31	8.1	1100	579	0	1200	115	60	225	25	394	143	1.5	0.0	38		1	
14S/65E-17aa-2		11-80	28.5	8.2	1100	278	0	591	65	27	95	14	172	61	1.3	0.5	25		1	Spring
14S/65E-17aa-3		11-80	26.8	7.9	2100	274	0	583	65	27	95	15	172	68	1.6	0.5	24		1	
14S/65E-23ac		11-80	17	8.1	2600	360	0	1800	136	69	315	30	819	120	2.0	0.0	23		1	Well-Moapa
14S/65E-23bb2		12-74	27	7.6	1460	316*		915	76	40	157	11	318	104	-	1.4***	40		2	Basmer Well
14S/65E-36b		6-75	27	7.2	1050	328*		1000	82	30	194	29	393	98	-	4.4***	-		2	Muddy River at Moapa Ind. Reserv.

References: 1. Bateman, 1976

* lab determinations as bicarbonate + carbonate
**Na + K
***Nitrate as NO_3

All measurements in mg/l unless otherwise noted

Muddy River Springs Area, Nevada

RECORD OF SPRINGS

LOCATION	SOURCE	DATE OF MEASUREMENT - MO. - YR.	ELEVATION (FEET)	DISCHARGE (gpm)
14S/65E-9ccc (S)	2	6-71	1800	53.0
14S/65E-9ccc (N)	2	6-71	1800	103.0
14S/65E-15ccc	2	6-71	1750	–
14S/65E-16adb	2	6-71	1760	3233.5
14S/65E-16bca	2	6-71	1900	242.5
14S/65E-16db	2	6-71	1850	852.8
14S/65E-16ddc	2	7-75	1739	–
14S/65E-17aa-2	1	11-80	1900	–
15S/61E-24d	2	6-75	6693	< 1.6

(e) - DISCHARGE ESTIMATED
(S) - SOUTH
(N) - NORTH

NOTE: WHERE PUBLISHED DATA ARE LACKING OR INACCURATE GROUND SURFACE ELEVATIONS ARE TAKEN FROM TOPOGRAPHIC MAPS.

Source: 1. Ertec Western, 1981
2. Bateman, 1976

Newark Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
23N/55E- 3CC	BLM	1966	350	6	7000	9/1966	330	6670		NV STATE ENG 79
23N/55E-24BC				16	5890	11/1980	7	5883		ERTEC 80/NVSEO
23N/56E-36D	WARM SPRS. RANCH			6	5880	11/1980	F	> 5880	FLOWING	ERTEC 80/NVSEO
23N/56E-36DD	WARM SPRS. RANCH	1951	300	8	5880	11/1980	F	> 5880	FLOW. <1GPM	ERTEC 80/NVSEO
22N/55E-27BD				36	5880	11/1980	9	5871		ERTEC 80/NVSEO
22N/55E-34C			10		5870	8/1960	9	5861		EAKIN 60
22N/56E-10CAA	U.S.AIR FORCE	1981	150	2	5880	3/1981	25	5855	OBSERVATION WELL	ERTEC
21N/55E- 3D1	HOOPER		9	4	5850	11/1980	5	5845		ERTEC 80/NVSEO
21N/55E-10CCB	HOOPER		26	5	5930	11/1980	19	5911		ERTEC 80/NVSEO
21N/55E-22C1	BLM		18	42	5880	4/1968	8	5872		EAKIN 60
20N/55E-10D1	BLM		22	36	5871	12/1959	9	5862		EAKIN 60
20N/55E-34DA					5875	11/1980	16	5859		ERTEC 80/NVSEO
20N/55E-34DC				6	5900	11/1980	24	5876		ERTEC 80/NVSEO
20N/57E-20D				6	6075	11/1980	92	5983		ERTEC 80/NVSEO
20N/57E-28CBB	U.S.AIR FORCE	1981	150	2	6080	3/1981	100	5980	OBSERVATION WELL	ERTEC
19N/55E-15BBB				16	5880	11/1980	40	5840		ERTEC 80/NVSEO
19N/55E-16AD				6	5879	11/1980	29	5850		ERTEC 80/NVSEO
19N/55E-22AC	HARPER	1955	235	16	5880	7/1955	14	5866		NV STATE ENG 79
19N/55E-22BAA				16	5878	11/1980	14	5864		ERTEC 80/NVSEO
19N/55E-22BC	HARPER	1965	204	16	5881	12/1965	21	5860		NV STATE ENG 79
19N/55E-22CBB				16	5869	11/1980	48	5821		ERTEC 80/NVSEO
19N/55E-22CBC				6	5867	11/1980	7	5860		ERTEC 80/NVSEO
19N/55E-27B	BOATWRIGHT	1966	160	16	5900	2/1966	25	5875		NV STATE ENG 79
19N/55E-29CC	BOATWRIGHT	1966	250	16	6200	8/1966	22	6178		NV STATE ENG 79
19N/55E-34AB		1972			5895	2/1972	43	5852		NV STATE ENG 79
19N/55E-34BC1	CAFFGA	1965	163	16	5910	10/1965	41	5869		NV STATE ENG 79
19N/55E-34BC2	CAFFGA	1966	254	16	5910	12/1966	60	5850		NV STATE ENG 79
19N/56E-25DAB	U.S.AIR FORCE	1981	200	2	6040	3/1981	148	5892	OBSERVATION WELL	ERTEC
19N/56E-30AC				6	5895	11/1980	34	5861		ERTEC 80/NVSEO
19N/56E-30D1	BLM		35	48	5895	4/1968	33	5862		NV STATE ENG 79
19N/57E- 5AC				8	6020	11/1980	28	5992		ERTEC 80/NVSEO
19N/57E-11B				10	6450	11/1980	244	6206		ERTEC 80/NVSEO
19N/57E-19BC			112	8	5993	11/1980	108	5885		ERTEC 80/NVSEO
18N/55E- 3DB	INDUST.CONST. CO	1962	147	10	6015	11/1980	107	5908		ERTEC 80/NVSEO
18N/55E- 9BBC				16	5962	11/1980	63	5899		ERTEC 80/NVSEO
18N/55E- 9BCC		1979	250	16	5960	11/1980	62	5898		ERTEC 80/NVSEO
18N/55E- 9CB	BOATWRIGHT	1964	204	17	5940	5/1964	55	5885		NV STATE ENG 79
18N/55E-11D	BOATWRIGHT	1964	240	14	5940	4/1964	45	5895		NV STATE ENG 79
18N/55E-14CD	BOATWRIGHT	1966	100	16	5960	11/1980	64	5896		ERTEC 80/NVSEO
18N/55E-16BBB	U.S.AIR FORCE	1981	150	2	5937	3/1981	41	5896	OBSERVATION WELL	ERTEC
18N/55E-17DC	CAFFGA	1965	163	16	5955	11/1965	66	5889		NV STATE ENG 79
18N/55E-19BDD					6100	11/1980	163	5937		ERTEC 80/NVSEO
18N/55E-21DAB				3	5942	11/1980	45	5897		ERTEC 80/NVSEO
18N/55E-21DAD				3	5942	11/1980	45	5897		ERTEC 80/NVSEO
18N/55E-21DD	CHAPMAN	1966	250	16	5945	12/1966	47	5898		NV STATE ENG 79
18N/55E-23BBB				6	5921	11/1980	57	5864		ERTEC 80/NVSEO
18N/55E-31CAB	U.S.GOVERNMENT		43	36	5945	11/1980	37	5908		ERTEC 80/NVSEO
18N/56E- 2BA				6	6035	11/1980	142	5893		ERTEC 80/NVSEO
18N/56E-21D			41		6600	3/1957	25	6575		NV STATE ENG 79
13N/56E-33A			20		6560	8/1957	8	6552		NV STATE ENG 79
13N/57E-15B			14		6480	8/1957	10	6470		NV STATE ENG 79
17N/54E- 2D	NV HWY. DEPT.		75	8	5980	3/1980	43	5937		ERTEC 80/NVSEO
17N/54E- 2DD	BARTHOLOMAE	1961	76		5960	3/1980	42	5918		ERTEC 80/NVSEO
17N/55E- 4BC				6	5960	11/1980	60	5900		ERTEC 80/NVSEO
17N/55E- 6B	YRASABA		70	6	5945	11/1980	39	5906		ERTEC 80/NVSEO
17N/55E- 9CCC	U.S.AIR FORCE	1981	150	2	6040	3/1981	130	5910	OBSERVATION WELL	ERTEC
17N/55E-18AB	ADDLEMAN	1980	227	16	5980	9/1980	74	5906		ERTEC 80/NVSEO
17N/55E-18ACC	BROKEN CINCH PAN				5978	3/1980	77	5901	PUMP TEST	ERTEC 80/NVSEO
17N/55E-18AD	ADDLEMAN	1971	305	16	6000	3/1980	102	5898		ERTEC 80/NVSEO
17N/55E-18BDD	ADDLEMAN	1966	209	16	5980	3/1980	77	5903		ERTEC 80/NVSEO
17N/55E-18DD	ADDLEMAN	1967	190	16	6020	3/1980	119	5901		ERTEC 80/NVSEO
17N/55E-27D			40	4	6331	3/1980	37	6294		ERTEC 80/NVSEO
17N/57E-32DB				3	6650	11/1980	480	6170		ERTEC 80/NVSEO
17N/57E-36DC				6	7280	11/1980	21	7259		ERTEC 80/NVSEO

Newark Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	23N/55E-26B	SP	11-80	COLD SPRING	9.0	320	8.4	192	10	36	11	10
2	23N/56E-18DB	WE	11-80		11.0	340	8.2	197	15	25	13	24
3	23N/56E-36DDC	ST	11-80	WARM SPR. POND	9.0	450	8.0	323	16	56	23	13
4	22N/56E-21CC	SP	11-80		6.0	390	8.2	--	--	--	--	--
5	21N/56E- 9BD	ST	11-80	DEADMAN CK.	6.0	270	8.4	--	--	--	--	--
6	21N/56E-16CD	ST	11-80		2.0	270	8.5	208	7.1	45	8.5	7.7
7	20N/56E-26BB	SP	11-80	BARREL SPRING	6.0	490	8.3	--	--	--	--	--
8	20N/57E- 6A	SP	11-80	BECK SPRING	7.0	410	8.1	263	9.3	59	6.7	18
9	19N/56E-36DC	ST	11-80		7.0	320	8.4	--	--	--	--	--
10	19N/55E-32A	PE	12-80		2.0	410	7.6	291	11	50	14	20
11	19N/57E- 5AC	WE	11-80	DRY MTN. WELL	9.0	500	8.3	308	12	33	33	29
12	18N/55E- 2BA	WE	11-80		9.0	375	7.7	263	20	44	6.8	19
13	18N/56E-16CCA	SP	11-80	SULPHUR SPRING	8.0	550	8.2	372	25	59	17	28
14	18N/57E-15AC	SP	11-80		7.0	560	7.5	--	--	--	--	--
15	17N/55E-18ACC	WE	8-80		13.0	565	7.7	572	42	63	38	35

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	.9	0	170	6.0	11	ND	1.1	--	86	14	*1	ERTEC 80
2	2.4	0	196	14	16	.2	3.9	--	64	ND	*1	ERTEC 80
3	5.9	0	292	7.0	35	.5	.1	--	87	ND	*1	ERTEC 80
4	--	--	--	--	--	--	--	--	--	--		ERTEC 80
5	--	--	--	--	--	--	--	--	--	--		ERTEC 80
6	1.0	0	188	6.0	7	.2	.6	--	86	ND	*1	ERTEC 80
7	--	--	--	--	--	--	--	--	--	--		ERTEC 80
8	1.5	0	216	14	15	.1	.4	--	94	ND	*1	ERTEC 80
9	--	--	--	--	--	--	--	--	--	--		ERTEC 80
10	1.7	0	218	15	38	.2	.3	--	100	ND	*1	ERTEC 80
11	7.1	0	222	28	36	.7	ND	--	87	10.0		ERTEC 80
12	2.7	0	144	15	30	.1	5.1	--	100	ND	*1	ERTEC 80
13	4.5	0	240	32	50	.2	1.0	--	77	ND	*1	ERTEC 80
14	--	--	--	--	--	--	--	--	--	--		ERTEC 80
15	9.0	0	195	47	164	.5	3.2	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
23N/55E-26B	SP	COLD SPRING	11/1980	580	6200		ERTEC 80
23N/56E-36DDC	ST	WARM SPR. POND	11/1980	1800	5880	DISCHARGE EST.	ERTEC 80
22N/56E-16AA	SP		11/1980	0.0	5880	NO FLOW	ERTEC 80
22N/56E-21CC	SP		11/1980	15	5878		ERTEC 80
21N/56E- 5ACB	SP		11/1980	10.0	5870		ERTEC 80
21N/56E- 9BD	ST	DEADMAN CK.	11/1980	300	6040		ERTEC 80
21N/56E-16CD	ST		11/1980	150	6040		ERTEC 80
20N/56E-26BB	SP	BARREL SPRING	11/1980	1.0	5929	DISCHARGE <1GPM	ERTEC 80
20N/57E- 6A	SP	BECK SPRING	11/1980	20	6720	DISCHARGE EST.	ERTEC 80
18N/56E-16CCA	SP	SULPHUR SPRING	11/1980	1.0	6600		ERTEC 80
18N/57E-15AC	SP		11/1980	4.6	6430		ERTEC 80

Pahroc Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
3S/61E-34BB				12	4713	6/1980			W.L.>500'	ERTEC 80/NVSEO
4S/61E- 1AA				8	4520	6/1980	500	4020	WATER DPTH EST.	ERTEC 80/NVSEO
4S/61E- 9AC	SEVENTY CORP.	1965	300		4460	10/1965	--		DRY/UNCASED	NV STATE ENG 79
4S/61E-15DB				6	4375	2/1977	670	3705	SEALED @ 50'	USGS 79
4S/61E-22CA	STEWART	1963	310		4300	12/1963	--		DRY/UNCASED	NV STATE ENG 79
4S/61E-23AD	STEWART	1963	160		4470	12/1963	--		DRY/UNCASED	NV STATE ENG 79
4S/61E-28CAC	NAGEL	1968	1314	18	4230	9/1968	595	3635		NV STATE ENG 79
4S/62E- 7DD			104	4	4640	6/1980	--		DRY	ERTEC 80/NVSEO
4S/62E- 9DD2	SEVENTY CORP.	1965	410		4900	10/1965	--		DRY/UNCASED	NV STATE ENG 79
4S/62E- 9DD3	SEVENTY CORP.	1965	240		4920	10/1965	--		DRY/UNCASED	NV STATE ENG 79
5S/61E- 9BD	CHAMBERLAIN	1967	35	10	4410	6/1980	--		DRY	ERTEC 80/NVSEO
5S/61E-16CB	SCHWARTZ	1967	30	10	4425	6/1980	--		DRY	ERTEC 80/NVSEO

DISCHARGE MEASUREMENT

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
5S/61E-24DCC	SP	SIXMILE SPRING	5/1980	0.0		DRY	ERTEC 80

Penoyer Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
1S/55E-18DD	U.S.AIR FORCE	1979	188	2	5250	12/1980	--		DRY OBS.WELL	ERTEC 80
1S/55E-22ABD					5050	6/1980	288	4762		ERTEC 80/NVSEO
1S/56E-28BD	U.S.AIR FORCE	1979	192	2	5401	12/1980	--		DRY OBS.WELL	ERTEC 80
2S/55E-10CC	U.S.AIR FORCE	1980	200	2	4900	3/1981	170	4730	OBSERVATION WELL	ERTEC
2S/55E-20ABB					4956	6/1980	250	4706		ERTEC 80/NVSEO
2S/55E-24CD	U.S.AIR FORCE	1979	160	2	4785	3/1981	54	4731	OBSERVATION WELL	ERTEC
2S/56E- 5CA	U.S.AIR FORCE	1980	200	2	4750	3/1981	124	4626	OBSERVATION WELL	ERTEC
2S/56E-10AB				6	4730	6/1980	96	4634		ERTEC 80/NVSEO
2S/56E-32AD	U.S.AIR FORCE	1979	200	2	4860	3/1981	129	4731	OBSERVATION WELL	ERTEC

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	2N/55E-19CDD	SP	6-80	QUINN CYN. SPR.	10.0	260	6.2	--	49	33	5.8	24
2	1N/56E- 9DAA	SP	6-80	MC CUTCHEN SPRING	13.0	625	6.4	--	50	64	12	79
3	1S/55E-22ABD	WE	6-80	SMITH WELL	22.0	285	7.3	--	69	24	7.3	27
4	1S/56E-12ADB	SP	6-80	WILD HORSE SPRING	11.5	480	6.5	--	17	78	24	10
5	2S/55E-26DDA	SP	10-71	SAND SPRING	30.0	609	8.0	--	--	36	22	67
6	2S/57E-28DDB	SP	6-80	SEEP SPRING	14.0	690	6.6	--	50	95	26	48
7	3S/55E- 7CCC	WE	10-71		19.5	477	8.2	--	--	33	4.0	60
8	3S/55E-29	WE	6-62		15.5	371	7.7	298	83	42	2.8	30
9	3S/56E-17DCD	WE	10-71		17.0	416	8.4	--	--	44	17	17
10	3S/57E-10AAB	SP	6-80	PENOYER SPRING	15.0	238	6.9	--	44	33	5.8	40

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	5.6	0	139	18	24	.6	.5	--	--	--	*1	ERTEC 80
2	6.9	0	289	48	72	1.0	1.3	--	--	--	*1	ERTEC 80
3	6.2	0	134	9.5	17	.5	1.4	--	--	--	*2	ERTEC 80
4	1.9	0	307	6.7	44	.2	.7	--	--	--	*1	ERTEC 80
5		0	357	5.0	25	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
6	4.0	0	405	29	40	.6	3.3	--	--	--	*2	ERTEC 80
7	.0	0	132	24	74	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
8	11	0	159	8.8	61	.6	1.3	.0	--	--	*2,*4	VAN DENBURGH ETAL 74
9		4	202	6.0	34	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
10	3.4	0	151	20	25	.5	3.5	--	--	--	*1	ERTEC 80

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NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
2N/55E-19CDD	SP	QUINN CYN. SPR.	6/1980	55	6800		ERTEC 80
1N/56E- 9DAA	SP	MC CUTCHEN SPRING	6/1980	1.2	5800		ERTEC 80
1S/56E-12ADB	SP	WILD HORSE SPRING	6/1980	12	6200		ERTEC 80
2S/54E-16CAC	SP		6/1980	0.5	6080	DISCHARGE EST.	ERTEC 80
2S/55E-26DDA	SP	SAND SPRING	6/1980	0.0	4775	DRY	ERTEC 80
2S/57E-16BB	SP		6/1980	0.0	5950	DRY	ERTEC 80
2S/57E-22ACC	SP		6/1980	3.0	6400		ERTEC 80
2S/57E-22DAB	SP		6/1980	0.0	6400	DRY	ERTEC 80
2S/57E-28DDB	SP	SEEP SPRING	6/1980	4.0	6000	DISCHARGE EST.	ERTEC 80

Pine Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-25-16)18BDD	DEARDEN	1924	340	8	5085	/1955	300	4785		STEPHENS 76
(C-26-16)19BBD	WOODS	1928	394	4	5205	11/1979	340	4864		ERTEC 79/UTSEO
(C-26-17)10AA1	U.S.AIR FORCE	1980	1157	2	5220	4/1981	434	4786	OBSERVATION WELL	ERTEC
(C-26-17)10AA2	U.S.AIR FORCE	1980	951	10	5220	4/1981	437	4783	TEST WELL	ERTEC
(C-26-17)17DAC	ANDERSON	1944	801	6	5353	/1955	717	4638		STEPHENS 76
(C-28-16)29CBB	PUFFER	1972	140	6	6245	12/1972	50	6195		UTAH STATE ENG 79
(C-28-17) 1CAA	PHELPS DODGE COR	1979	510	12	5500	12/1979	--		DRY WELL	UTAH STATE ENG 79
(C-28-17)11CCA	PHELPS DODGE COR	1978	1305	12	5680	6/1978	365	5315		UTAH STATE ENG 79
(C-28-17)22DDA	PHELPS DODGE COR	1978	2006	8	5730	8/1978	375	5405		UTAH STATE ENG 79
(C-30-17)27AAA	BLM	1936	648		6550	/1936	--		DRY WELL	STEPHENS 76

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-25-16)18BDD	WE	9-62	GUYMAN WELL	16.0	344	7.6	204	31	24	12	27
2	(C-25-17)33DAB	WE	2-74	DESERT EXPMTL. RANGE	12.0	278	8.1	208	54	16	6.7	30
3	(C-25-17)33DAB	WE	11-79	DESERT EXPMTL. RANGE	14.0	170	8.3	--	48	16	60	25
4	(C-26-17)10AA1	WE	8-80	USAF TEST WELL	23.0	330	6.4	236	60	21	4.9	36
5	(C-26-18)22CBB	SP	11-73	PINE SPRING	--	597	8.3	559	64	110	28	41
6	(C-26-19) 3ABC	SP	11-79	MOUNTAIN HOME SPRING	9.0	--	7.1	--	13	82	200	36
7	(C-27-18)27BBA	SP	11-79	POTCH-IM-PO SPRING	9.0	--	7.8	--	12	39	56	14
8	(C-27-18)35CCB	SP	11-73	WILLOW SPRING	11.5	1100	8.2	641	48	100	41	61
9	(C-28-16)26CCC	SP	8-63	WAH WAH MINE	10.0	221	7.5	130	11	31	4.4	8.4
10	(C-28-16)27CCC	SP	11-73	PINE GROVE SPRING	11.0	569	7.6	326	15	93	12	12
11	(C-28-18)16CBB	SP	11-73	VANCE SPRING	14.0	565	8.2	330	42	67	14	19
12	(C-28-18)27DDA	SP	11-73	BUCKHORN SPRING	11.0	504	8.4	325	36	51	4.7	55
13	(C-29-16)16BBB	SP	11-79	WATER HOLLOW SPR.	9.0	89	7.3	94	13	16	18	8.0
14	(C-29-18)14BBD	ST	11-73	INDIAN CREEK	6.0	606	8.4	377	60	75	15	36
15	(C-30-17)19DDC	ST	11-79	SHEEP CREEK	14.0	--	7.6	--	37	69	64	20

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	3.3	0	124	30	19	.7	4.6	80	--	--	*2	STEPHENS 76
2	6.1	0	138	5.9	13	1.2	--	120	180	--	*3,*4	STEPHENS 76
3	4.0	0	131	24	13	.8	1.3	--	--	--	*3	ERTEC 79
4	7.2	0	120	20	18	1.2	1.1	--	--	--	*1	ERTEC 80
5	2.3	0	334	110	37	.2	.3	120	100	ND	*3,*4	STEPHENS 76
6	2.0	0	342	73	211	.2	.4	--	--	--	*1	ERTEC 79
7	2.0	0	259	34	11	.1	1.9	--	--	--	*1	ERTEC 79
8	1.0	0	257	180	81	.3	.2	130	10.0	ND	*3,*4	STEPHENS 76
9	1.0	0	108	14	9	.1	.1	30	--	ND	*3,*4	STEPHENS 76
10	1.3	0	329	18	11	.2	.1	50	10.0	ND	*3,*4	STEPHENS 76
11	2.5	0	210	54	20	.2	1.7	70	10.0	10.0	*3,*4	STEPHENS 76
12	2.3	8	232	34	15	.3	.8	70	10.0	ND	*3,*4	STEPHENS 76
13	2.0	0	54	19	4	.1	.6	--	--	--	*1	ERTEC 79
14	1.2	10	291	36	21	.3	ND	100	ND	180	*3,*4	STEPHENS 76
15	2.0	--	224	34	17	.2	.1	--	--	--	*1	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Pine Valley, Utah

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-26-18)16ADD	SP		11/1973	0.0	6405	SEEP	STEPHENS 76
(C-26-18)22CBB	SP	PINE SPRING	11/1973	0.2	6570		STEPHENS 76
(C-26-19) 3ABC	SP	MOUNTAIN HOME SPRING	11/1973	0.5	7150	DISCHARGE EST.	STEPHENS 76
(C-27-18)27DBA	SP	POTCH-IM-PO SPRING	11/1973	20	6340	DISCHARGE EST.	STEPHENS 76
(C-27-18)35CCB	SP	WILLOW SPRING	11/1973	3.0	6260		STEPHENS 76
(C-28-16)27CCC	SP	PINE GROVE SPRING	11/1973	15	6700	DISCHARGE EST.	STEPHENS 76
(C-28-16)27DDD	SP		/1955	5.0	7080	DISCHARGE EST.	STEPHENS 76
(C-28-18)16CDB	SP	VANCE SPRING	11/1973	60	6675	DISCHARGE EST.	STEPHENS 76
(C-28-18)27DDA	SP	BUCKHORN SPRING	/1955	10.0	6670	DISCHARGE EST.	STEPHENS 76
(C-28-18)32ADA1S	SP		11/1973	3.0	6920	DISCHARGE EST.	STEPHENS 76
(C-28-18)32ADA2S	SP		11/1973	3.0	6920	DISCHARGE EST.	STEPHENS 76
(C-28-18)32CCA	SP		11/1973	7.0	7150	DISCHARGE EST.	STEPHENS 76
(C-28-18)32DAD	SP		11/1973	7.0	7000	DISCHARGE EST.	STEPHENS 76
(C-28-18)33BBD1S	SP		11/1973	3.0	6845	DISCHARGE EST.	STEPHENS 76
(C-28-18)33BBD2S	SP		11/1973	3.0	6835	DISCHARGE EST.	STEPHENS 76
(C-29-16)14CBB	SP		10/1972	0.0	7730	SEASONAL	STEPHENS 76
(C-29-16)16DBD	SP	WATER HOLLOW SPR.	11/1979	18	7320		ERTEC 79
(C-29-18)14DDD	ST	INDIAN CREEK	11/1973	56	6780	DISCHARGE EST.	STEPHENS 76
(C-29-18)16CCC	SP		11/1973	56	7860	DISCHARGE EST.	STEPHENS 76
(C-30-17)19DDC	ST	SHEEP CREEK	11/1979	4.0	6900		ERTEC 79

Railroad Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
16N/57E-2CDA	SHELL OIL CO.	1956	350	6	7500	9/1967	215	7285		VAN DENBURGH ETAL 74
15N/55E-21	BUR. INDIAN AFF.	1951	271		6300	9/1957	--		DRY WELL	VAN DENBURGH ETAL 74
15N/56E-25BB	U.S.AIR FORCE	1980	200	2	5950	3/1981	127	5823	OBSERVATION WELL	ERTEC
15N/57E-17DCD	BLM	1944	221	6	6088	10/1971	208	5880		VAN DENBURGH ETAL 74
15N/57E-32BA	MARTIN	1969	280	16	6040	6/1969	171	5869		VAN DENBURGH ETAL 74
14N/55E-12BDB	BLM	1956	400	6	5930	9/1957	--		DRY WELL	VAN DENBURGH ETAL 74
14N/56E-19BCB			226	6	5820	4/1972	205	5615		VAN DENBURGH ETAL 74
13N/55.5E-1SBA	U.S.AIR FORCE	1980	199	2	5630	3/1981	122	5508	OBSERVATION WELL	ERTEC
13N/56E-19DCB			85	6	5575		81	5494		VAN DENBURGH ETAL 74
13N/56E-29CBA		1971	103	6	5600	10/1971	27	5573		VAN DENBURGH ETAL 74
12N/55.5E-19BA	BLM	1958	259	6	5672	10/1971	206	5466		VAN DENBURGH ETAL 74
12N/56E-34CBA	COPPER SHEEP CO.	1959	202	14	5200	10/1959	7	5193		VAN DENBURGH ETAL 74
12N/57E- 9BCB	BLM	1943	356	6	5500	10/1971	272	5228		VAN DENBURGH ETAL 74
11N/55E-21	HALSTEAD		17		6650	11/1956	10	6670		VAN DENBURGH ETAL 74
11N/56E- 2ADC	HALSTEAD	1959	250	14	5095	10/1971	39	5056		VAN DENBURGH ETAL 74
11N/57E- 9CD	BLM	1942	354	6	5072	4/1972	172	4900	STOCK	VAN DENBURGH ETAL 74
11N/57E-26BD	U.S.AIR FORCE	1980	199	2	5060	3/1981	--		DRY OBS. WELL	ERTEC
10N/56E- 3AA	U.S.AIR FORCE	1980	200	2	5180	3/1981	--		DRY OBS. WELL	ERTEC
10N/56E-34CC	U.S.AIR FORCE	1980	199	2	4990	3/1981	153	4837	OBSERVATION WELL	ERTEC
10N/57E-12DDA	MCLARTY	1966	401	16	5050	10/1971	178	4872		VAN DENBURGH ETAL 74
10N/57E-13CBA	BAILEY	1967	370	16	4990	9/1967	160	4830		VAN DENBURGH ETAL 74
10N/57E-14AAA	FARMER	1966	526	16	4990	4/1972	146	4844		VAN DENBURGH ETAL 74
10N/57E-15AAA	BALL	1968	200	16	4945	10/1971	83	4862		VAN DENBURGH ETAL 74
10N/57E-15ADD	WILSON	1970	251	16	4940	4/1970	80	4860		VAN DENBURGH ETAL 74
10N/57E-23			305		4950	8/1969	155	4795		NV STATE ENG 79
10N/57E-23AAA	BRIDGES	1966	358	16	4960	10/1971	157	4803		VAN DENBURGH ETAL 74
10N/57E-27AAA	WATSON	1969	200	16	4900	10/1971	70	4830		VAN DENBURGH ETAL 74
10N/57E-30C	CAMPBELL		15	48	4830	9/1953	12	4818		VAN DENBURGH ETAL 74
10N/57E-32BBB	CAMPBELL		348	6	4827	8/1967	F	> 4827	FLOW. 250-350GPM	VAN DENBURGH ETAL 74
10N/58E-17BD1	U.S.AIR FORCE	1980	600	10	5126	4/1981	279	4847	TEST WELL	ERTEC
10N/58E-17BD2	U.S.AIR FORCE	1980	600	2	5128	4/1981	278	4850	OBERVATION WELL	ERTEC
9N/56E-14BDA	SHARP	1964	101	3	4779	10/1971	1	4778		VAN DENBURGH ETAL 74
9N/56E-20CD	U.S.AIR FORCE	1980	198	2	4870	3/1981	110	4760	OBSERVATION WELL	ERTEC
9N/56E-34CAC	FISH & WLDLF.	1934	700	6	4730	6/1968	F	> 4730	FLOW. 90GPM	VAN DENBURGH ETAL 74
9N/56E-35CDA	FISH & WLDLF.	1935	550	6	4732	7/1969	F	> 4732	FLOW. 36GPM	VAN DENBURGH ETAL 74
9N/57E- 1ABB	WHITSETT	1954	200	14	4930	10/1971	131	4799		VAN DENBURGH ETAL 74
9N/57E- 23A9	OTIS	1954	92	6	4867	10/1971	70	4797		VAN DENBURGH ETAL 74
9N/57E- 6AA			52		4807	11/1956	8	4799		NV STATE ENG 79
9N/57E- 6DAB	F.A.A.	1963	141	4	4802	10/1971	10	4792		VAN DENBURGH ETAL 74
9N/57E-12AE	DILLARD	1964	220	16	4880	/1965	100	4780		VAN DENBURGH ETAL 74
9N/57E-20CAE	SHARP		219	6	4760	10/1971	F	> 4760	FLOW. 0.2GPM	VAN DENBURGH ETAL 74
9N/57E-34BB	SHELL OIL CO.	1956	50	6	4750	1/1956	4	4746		VAN DENBURGH ETAL 74
9N/57E-35AAC	N. AM. RES. CORP	1955	79	6	4759	4/1972	3	4756		VAN DENBURGH ETAL 74
9N/57E-35BAD1	SHELL OIL CO.	1953	60	6	4753	12/1953	15	4738		VAN DENBURGH ETAL 74
9N/57E-35BAD2	SHELL OIL CO.	1953	200	6	4753	12/1953	2	4751		VAN DENBURGH ETAL 74
9N/57E-35BAC3			220	6	4755	3/1972	F	> 4755	FLOWING WELL	VAN DENBURGH ETAL 74
9N/58E-18BCA				6	4838	10/1971	53	4785		VAN DENBURGH ETAL 74
8N/56E- 2CBA	FISH & WLDLF.	1934	430	6	4732	2/1980	F	> 4732	FLOW. 90GPM	ERTEC 80/NVSEO
8N/56E- 2DAC	FISH & WLDLF.	1912	1204	10	4734	2/1980	F	> 4734	FLOW. 250GPM	ERTEC 80/NVSEO
8N/56E- 3ACB	FISH & WLDLF.	1934	550	6	4731	2/1980	F	> 4731	FLOW. 100GPM	ERTEC 80/NVSEO
8N/56E-26BAD	USGS	1971	8	4	4709	10/1971	7	4702		VAN DENBURGH ETAL 74
8N/57E- 4A	FISH & WLDLF.	1935	635	6	4738	5/1935	F	> 4738	FLOW.WELL/110-125GPM	VAN DENBURGH ETAL 74
8N/57E- 7CA	SUTHERLAND	1971	55	8	4727	10/1971	2	4725		VAN DENBURGH ETAL 74
8N/57E-14A	HANKS	1951	185	14	4740	8/1951	F	> 4740	FLOW.WELL/600GPM	VAN DENBURGH ETAL 74
8N/57E-14D					4760		F	> 4760	FLOWING WELL	NV STATE ENG 79
8N/57E-22CDC	SHELL OIL CO.	1955	43	6	4730	10/1971	3	4727		VAN DENBURGH ETAL 74
8N/57E-27DDA	HANKS	1951	220	6	4757	7/1951	12	4745		VAN DENBURGH ETAL 74
7N/55E- 8CA	U.S.AIR FORCE	1980	201	2	4860	3/1981	93	4767	OBSERVATION WELL	ERTEC
7N/55E-28CA	SHELL OIL CO.	1955	46	6	4727	9/1955	F	> 4727	FLOW.WELL/20GPM	VAN DENBURGH ETAL 74
7N/56E- 1DD	FISH & WLDLF.	1912	770		4709	2/1934	F	> 4709	FLOW.WELL/1.5GPM	VAN DENBURGH ETAL 74
7N/56E- 3CCB1	FISH & WLDLF.	1912	795		4707	/1934	F	> 4707	FLOWING WELL	VAN DENBURGH ETAL 74
7N/56E- 3CCB2			29	4	4707	7/1969	5	4702		VAN DENBURGH ETAL 74
7N/57E- 5CAA	SHELL OIL CO.	1961	85	6	4711	11/1961	10	4701		VAN DENBURGH ETAL 74
7N/57E-11DB	U.S.AIR FORCE	1980	118	2	4940	3/1981	--		DRY OBS. WELL	ERTEC
7N/57E-21AA	BLM	1969	150	6	4759	6/1969	1	4758		VAN DENBURGH ETAL 74
6N/54E-23BDB	U.S.AIR FORCE	1980	200	2	4760	3/1981	29	4731	OBSERVATION WELL	ERTEC
6N/56E- 5ACC	FISH & WLDLF.	1913	745	6	4712	2/1980	F	> 4712	FLOW. 350GPM EST.	ERTEC 80/NVSEO
6N/56E-14AB					4730		F	> 4730	FLOWING WELL	NV STATE ENG 79
6N/56E-14DCD	SHARP	1962	285	3	4760	5/1962	F	> 4760	FLOW.WELL/100GPM	VAN DENBURGH ETAL 74
6N/56E-18DBD	BLM	1960	131	6	4735	10/1971	F	> 4735	FLOWING	VAN DENBURGH ETAL 74
6N/56E-27ACB	SHARP	1962	98	8	4768	10/1971	F	> 4768	FLOW.WELL/100GPM	VAN DENBURGH ETAL 74
6N/56E-27BDD			100		4760	3/1972	F	> 4760	FLOW.WELL/40-50GPM	NV STATE ENG 79
6N/56E-36CA	U.S.AIR FORCE	1980	150	2	5100	9/1980	--		DRY OBS. WELL	ERTEC 80
5N/57E- 6DDA	GULF OIL CO.	1967	150	6	4780	11/1967	22	4758		VAN DENBURGH ETAL 74
5N/54E-26DCB	CASEY	1951	100	6	4823	10/1971	55	4768		VAN DENBURGH ETAL 74
5N/54E-26DC	U.S.AIR FORCE	1980	100	2	4835	3/1981	71	4764	OBSERVATION WELL	ERTEC
5N/54E-34DAB	CASEY	1948	110	5	4848	11/1967	82	4766		VAN DENBURGH ETAL 74
5N/55E-15CD		1960	70		4783	/1960	19	4764		VAN DENBURGH ETAL 74
5N/55E-27CBB	GIBSON	1964	250	18	4794	6/1964	31	4763		VAN DENBURGH ETAL 74
5N/55E-27CBC	GIBSON	1965	245	18	4795	5/1965	31	4764		VAN DENBURGH ETAL 74
5N/55E-28DBB	COLLINS	1964	219	16	4799	2/1964	38	4761		VAN DENBURGH ETAL 74
5N/55E-33BBC	GIBSON	1965	249	18	4805	4/1965	33	4772		VAN DENBURGH ETAL 74
5N/55E-33DDD	GIBSON	1965	396	18	4820	8/1965	55	4765		VAN DENBURGH ETAL 74
5N/55E-34ABA	SHARP	1951	75	6	4797	10/1971	30	4767		VAN DENBURGH ETAL 74
5N/55E-34CDD	GIBSON	1965	398	16	4810	10/1971	67	4743		VAN DENBURGH ETAL 74
5N/55E-34DDD	SHARP	1965	395	16	4820	10/1965	69	4751		VAN DENBURGH ETAL 74
5N/55E-35BDD	SHARP	1965	320	16	4815	10/1955	55	4760		VAN DENBURGH ETAL 74
5N/55E-35CDD	SHARP	1964	320	16	4971	3/1964	76	4795		VAN DENBURGH ETAL 74
5N/55E-36DAD1	SHARP	1951	105	3	4887	6/1951	50	4837		VAN DENBURGH ETAL 74
5N/55E-36DAD2	SHARP	1965	179	16	4887	10/1971	61	4826		VAN DENBURGH ETAL 74

Railroad Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
5N/56E-21AS	U.S.AIR FORCE	1980	201	2	4960	3/1981	194	4766	OBSERVATION WELL	ERTEC
4N/54E-19DC	CASEY	1945	150	5	4911	11/1967	137	4774		VAN DENBURGH ETAL 74
4N/55E-19DA	SHARP	1951	255	6	5000	10/1971	214	4786		VAN DENBURGH ETAL 74
4N/55E-24BA	U.S.AIR FORCE	1980	200	2	4960	3/1981	166	4794	OBSERVATION WELL	ERTEC
3N/52E- 2DA1	U.S.AIR FORCE	1980	484	10	5006	4/1981	230	4776	TEST WELL	ERTEC
3N/52E- 2DA2	U.S.AIR FORCE	1980	495	2	5008	4/1981	233	4774	OBSERVATION WELL	ERTEC
3N/53E-18BC	U.S.AIR FORCE	1980	200	2	4990	3/1981	--		DRY OBS. WELL	ERTEC
3N/53E-20DA			161		4965	2/1980	--		DRY WELL	ERTEC 80/NVSEO
3N/53E-35BAC	FALLINI		204	6	4942	3/1972	165	4777		VAN DENBURGH ETAL 74
3N/54E- 5BC	SHARP	1948	325	6	5040	11/1948	265	4775		VAN DENBURGH ETAL 74
2N/53E- 9BC	U.S.AIR FORCE	1980	200	2	4925	3/1981	164	4761	OBSERVATION WELL	ERTEC
2N/53E-23CBC	FALLINI	1962	180	6	4892	3/1972	113	4779		VAN DENBURGH ETAL 74
2N/53E-27DA	U.S.AIR FORCE	1980	200	2	4865	1/1981	--		DRY OBS.WELL	ERTEC
2N/53E-35AA	U.S.AIR FORCE	1980	200	2	4990	3/1981	193	4797	OBSERVATION WELL	ERTEC
2.5N/52E-35AC	U.S.AIR FORCE	1980	200	2	4970	3/1981	--		DRY OBS. WELL	ERTEC
1N/52E-13DA	U.S.AIR FORCE	1980	200	2	4950	3/1981	119	4831	OBSERVATION WELL	ERTEC
1N/53E- 3DAC	FALLINI		120	6	4851	3/1972	69	4782		VAN DENBURGH ETAL 74
1N/53E- 7ADC	FALLINI		136	6	4880	3/1972	78	4802		VAN DENBURGH ETAL 74
1N/53E-27BBA	FALLINI	1948	200	6	4970	3/1972	172	4798		VAN DENBURGH ETAL 74
1N/53E-31DCC	FALLINI	1951	272	5	5045	11/1951	205	4840		VAN DENBURGH ETAL 74
1N/53E-32DB	NV DEPT. HWYS.	1952	292	8	5050	5/1957	225	4825		VAN DENBURGH ETAL 74
1S/51.5E-19AC	FALLINI	1959	370	6	5930	10/1959	335	5595		VAN DENBURGH ETAL 74
1S/53E-28BDA	FALLINI	1950	465	6	5205	3/1972	415	4790		VAN DENBURGH ETAL 74

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	15N/57E-33CDB	SP	11-70	GREEN SPRING	17.0	488	--	--	--	--	--	--
2	14N/56E-14ODC	SP	11-70	BIG BULL SPRING	11.0	365	--	--	--	36	17	14
3	14N/57E-22AAA	SP	11-70	BIRCH SPRING	8.0	574	--	--	--	62	21	26
4	13N/55E- 9BDC	SP	11-70	YOUNG FLORIO SPRING	13.0	344	--	--	--	--	--	--
5	13N/56E-32BAC	SP	6-67	BIG WARM SPRING	33.0	587	8.0	358	--	62	22	28
6	13.5N/55E-29DDD	SP	9-68	BIG LOUIE SPRING	14.0	464	7.7	355	95	56	11	23
7	12N/56E- 5AC	SP	10-71	LITTLE WARM SPR.	--	704	8.0	--	--	39	25	83
8	12N/56E- 5CBD	SP	10-71		13.5	551	8.0	--	--	31	27	43
9	12N/56E-10CCD	SP	10-71		--	462	9.3	--	--	22	1.0	76
10	12N/57E- 9BCB	WE	4-72	BULL CK #2	15.0	326	8.0	--	--	24	9.0	29
11	11N/56E-31BCA	SP	8-67	INDIAN SPRING	18.0	368	7.6	299	--	37	5.8	3.6
12	11N/58E-32BBC	SP	10-71	PASTRONI SPRING	13.0	432	7.9	--	--	36	22	20
13	11N/59E- 5BA	ST	11-70	LITTLE CURRANT CK.	4.0	376	--	--	--	50	16	8.0
14	11N/59E-15BA	ST	4-69		9.5	220	7.9	--	--	25	12	12
15	11N/59E-16BA	WE	7-68		11.0	--	8.0	359	--	31	13	37
16	10N/55E- 9AC	SP	9-68	IKE SPRING	15.0	405	7.7	270	--	46	2.5	34
17	10N/57E-15ADD	WE	4-72		15.0	484	8.0	--	--	38	18	43
18	10N/57E-32BBB	WE	8-67		16.0	429	7.7	266	--	36	15	31
19	10N/58E- 9BC	SP	10-71		13.0	799	8.0	--	--	96	41	32
20	10N/58E-17BD1	WE	10-80	USAF TEST WELL	11.0	660	7.5	387	30	80	32	14
21	10N/58E-17BD1	WE	11-80	USAF TEST WELL	11.0	620	7.7	382	22	73	39	13
22	9N/56E-14BDA	WE	10-71	TRAPP SPRING WELL	--	611	8.5	--	--	47	25	46
23	9N/57E- 6DAB	WE	10-71		12.0	772	8.2	--	--	45	24	92
24	9N/57E-20CAB	WE	8-67	GRAVEL RIDGE	13.5	501	7.7	387	83	31	25	43
25	9N/57E-34ADD	WE	4-72		--	50100	7.2	--	--	680	ND	11000
26	9N/57E-35AAC	WE	10-71		--	616	8.3	--	--	44	22	49
27	9N/57E-35BAD3	WE	3-72		15.0	411	8.1	--	--	35	18	28
28	9N/57E-35BAD4	WE	11-55		--	--	6.8	24300	--	2000	63	7200
29	8N/55E-15AAA	SP	11-65	NORTH SPRING	35.0	694	--	--	--	--	--	--
30	8N/55E-15ACD	SP	3-80	BIG SPRING	36.0	440	7.2	410	3.0	61	22	50
31	8N/56E- 2CBA	WE	3-80	NEW WELL #4	14.0	310	7.8	--	7.3	16	15	49
32	8N/56E- 3ACB	WE	10-71	NEW WELL #3	14.0	371	8.6	--	--	16	7.0	55
33	8N/56E-26BAD	WE	10-71		--	6680	9.0	--	--	6.0	1.0	1400
34	8N/57E- 7CA	WE	10-71		--	699	9.0	--	--	2.0	ND	150
35	8N/57E-11DDB	SP	3-80	BLUE EAGLE SPRING	28.0	628	7.0	--	2.7	43	25	32
36	8N/57E-22CDC	WE	10-71		--	530	8.3	--	--	25	33	37
37	8N/57E-27AAC	WE	8-54		--	--	7.0	--	--	25	11	160
38	7N/55E-16DB	SP	3-80	CHIMNEY HAT SPRING	68.0	825	7.0	--	5.0	66	15	72
39	7N/55E-23CA	WE	10-55		60.0	--	8.3	--	--	12	5.0	190
40	7N/56E- 2DAB	WE	11-54		109.0	--	9.0	--	--	7.0	6.0	190
41	7N/57E-23CBD	SP	10-71	THORN SPRING	--	696	7.8	--	--	57	33	35
42	6N/54E-11AA	SP	10-71	STORM SPRING	36.5	1200	--	--	--	--	--	--
43	6N/54E-11DC	SP	8-67	COYOTE HOLE SPR.	45.0	1070	--	--	--	--	--	--
44	6N/54E-23BD S	SP	9-68	ABEL SPRING	46.0	1100	7.5	696	27	100	26	120
45	6N/56E- 5ACC	WE	3-80	OLD WELL #7	17.0	230	--	--	74	13	13	48
46	6N/56E-13DBD	WE	10-71	NYALA WELL	13.5	374	8.5	--	--	23	10.0	41
47	6N/56E-24BDC	ST	10-71	TROY CANYON	11.0	362	7.9	--	--	36	15	16
48	6N/56E-27ACB	WE	10-71		13.5	402	8.2	--	--	40	22	9.0
49	6N/57E- 1B	SP	11-70		11.5	528	--	--	--	73	19	19
50	5N/55E-32BBD	WE	10-71		16.0	426	8.0	--	--	44	5.0	35
51	5N/55E-34CDD	WE	10-71		15.5	286	7.7	--	--	25	9.0	22
52	5N/55E-36DAD2	WE	10-71		10.0	454	8.0	--	--	44	22	18
53	5N/56E-35DA	ST	11-70	HOOPER CREEK	8.0	371	--	--	--	48	15	8.0
54	4N/55E-19DA	WE	10-71		--	289	8.0	--	--	27	3.0	130
55	4N/55E-25D	ST	11-70	BIG CREEK	9.5	508	--	--	--	62	18	21
56	3N/52E- 2DA1	WE	9-80	USAF TEST WELL	21.5	--	--	433	65	39	8.1	85
57	3N/52E- 2DA1	WE	9-80	USAF TEST WELL	21.8	--	--	437	66	39	9.4	86
58	3N/52E- 3D	ST	3-80		8.0	1110	8.9	--	--	--	--	--

Railroad Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
59	3N/53E-35BAC	WE	9-68	ED'S WELL	14.0	565	7.4	410	86	6.0	.8	120
60	3N/54E- 5EC	WE	3-72	GOAT RANCH	--	787	8.6	--	--	6.0	ND	160
61	3N/55E-27DB	SP	11-70		7.0	277	--	--	--	--	--	--
62	2N/53E-23C3C	WE	10-71	SUNRISE WELL	19.0	556	8.3	--	--	31	3.0	59
63	2N/55E- 7CD	SP	8-67		14.5	427	7.5	275	34	62	1.8	26
64	1N/52E-22CB	SP	8-67	PYRAMID SPRING	20.0	415	7.9	267	28	43	4.9	40
65	1N/53E- 30AC	WE	10-71	EAST SIDE WELL	--	831	8.1	--	--	45	4.0	130
66	1N/53E- 7ADC	WE	3-80	FRED'S WELL	14.0	1380	10.0	--	93	2.3	.1	700
67	1N/53E-27BBA	WE	3-72	LAST STAND WELL	20.5	722	8.2	--	ND	11	ND	150
68	1N/53E-31DCC	WE	9-68	PYRAMID WELL	17.0	273	7.8	207	--	17	1.8	39
69	1S/50E-14AA	SP	7-80	GEORGES WATER	90.0	157	6.0	161	45	17	3.7	16
70	1S/53E-29BDA	WE	3-72	DEEP WELL	21.0	335	9.1	--	--	14	1.0	65
71	2S/51E-21DA	SP	8-67	CEDAR SPRING	25.0	533	7.7	370	--	62	5.9	47

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	--	0	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
2	--	0	194	6.0	22	--	--	--	--	--		VAN DENBURGH ETAL 74
3		0	272	24	38	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
4	--	--	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
5	6.5	0	321	8.6	47	.6	ND	--	--	--		VAN DENBURGH ETAL 74
6	6.0	0	245	18	24	.3	1.1	--	20	--	*2	VAN DENBURGH ETAL 74
7		0	368	10.0	62	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
8		0	272	8.0	48	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
9		0	196	18	34	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
10		0	148	12	22	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
11	7.9	0	160	23	28	--	8.3	--	--	--	*2	VAN DENBURGH ETAL 74
12		0	230	11	19	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
13		0	235	4.0	8	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
14		0	106	6.0	14	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
15		0	232	14	36	--	18	--	--	--	*2,*5	VAN DENBURGH ETAL 74
16	2.0	0	177	18	26	.3	9.7	--	--	--	*2	VAN DENBURGH ETAL 74
17		0	252	11	40	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
18	3.9	0	193	15	38	--	4.2	--	--	--	*2	VAN DENBURGH ETAL 74
19		0	489	10.0	33	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
20	1.4	119	363	11	38	.2	2.2	--	--	--	*1	ERTEC 80
21	2.0	115	366	10.0	34	.1	2.1	--	--	--	*1	ERTEC 80
22		7	262	16	68	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
23		0	356	18	90	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
24	6.7	0	218	25	64	--	1.6	180	20	ND	*2	VAN DENBURGH ETAL 74
25		0	51	17000	1800	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
26		0	223	66	30	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
27		0	231	7.0	21	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
28		0	29	14000	1380	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
29	--	--	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
30	10	0	381	8.9	63	1.1	ND	400	40	ND	*4	ERTEC 80
31	8.5	0	171	10.0	25	.7	1.0	--	--	--	*1	ERTEC 80
32		6	173	10.0	20	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
33		30	527	1700	76	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
34		23	262	19	58	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
35	5.8	0	410	9.9	37	.9	1.0	--	--	--	*1	ERTEC 80
36		0	303	11	16	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
37		0	439	16	77	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
38	15	0	436	--	47	1.7	.1	--	--	--	*1	ERTEC 80
39	--	0	410	16	99	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
40		43	293	68	50	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
41		0	378	14	25	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
42	--	--	--	17	--	--	--	--	--	--		VAN DENBURGH ETAL 74
43	--	--	--	9.8	--	--	--	--	--	--		VAN DENBURGH ETAL 74
44	22	0	673	15	51	2.7	.2	--	20	ND	*2	VAN DENBURGH ETAL 74
45	5.8	0	176	5.5	25	2.3	.2	290	20	--	*1	ERTEC 80
46	--	5	155	8.0	40	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
47		0	190	5.0	22	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
48		0	237	3.0	11	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
49		0	300	6.0	43	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
50		0	133	30	52	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
51		0	147	5.0	18	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
52		0	242	9.0	28	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
53		0	215	5.0	15	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
54		0	128	9.0	21	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
55		0	242	9.0	62	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
56	3.2	--	268	38	51	.8	1.1	--	--	--	*1	ERTEC 80
57	8.2	--	272	38	52	.8	1.1	--	--	--	*1	ERTEC 80
58	--	48	615	--	--	--	--	--	--	--		ERTEC 80
59	3.2	0	207	20	59	12	.3	--	40	10.0	*2	VAN DENBURGH ETAL 74
60		7	281	22	80	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
61	--	--	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
62		0	219	19	71	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
63	.6	0	216	11	27	--	5.8	120	20	10.0	*2	VAN DENBURGH ETAL 74
64	.8	0	204	9.9	31	--	3.6	120	40	40	*2	VAN DENBURGH ETAL 74
65		0	273	61	97	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
66	5.7	538	393	390	475	9.5	2.5	--	ND	ND	*1	ERTEC 80
67		0	283	20	87	ND	ND	--	--	--	*5	VAN DENBURGH ETAL 74
68	5.0	0	148	7.2	7	1.4	.3	--	200	10.0	*2	VAN DENBURGH ETAL 74
69	1.4	0	92	6.3	11	.2	--	--	--	--		ERTEC 80
70	.0	0	138	14	46	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
71	2.5	0	240	23	48	.9	.1	--	--	--	*2	VAN DENBURGH ETAL 74

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

Railroad Valley, Nevada

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
15N/55E-32BA	SP	NV.GOVERNORS SPR.	4/1972	0.0	6350	DRY	VAN DENBURGH ETAL 74
15N/57E-33CDB	SP	GREEN SPRING	11/1970	100		DISCH.>100GPM/EST.	VAN DENBURGH ETAL 74
14N/56E-16DDC	SP	BIG BULL SPRING	11/1970	400	5880		VAN DENBURGH ETAL 74
14N/56E-25BOC	SP	BULL CREEK SPR.		230	5800		VAN DENBURGH ETAL 74
14N/57E-22AAA	SP	BIRCH SPRING	11/1970	8.0	6250	DISCH.5-10GPM/EST.	VAN DENBURGH ETAL 74
13N/55E- 9BOC	SP	YOUNG FLORIO SPRING	11/1970	0.3	6240		VAN DENBURGH ETAL 74
13N/56E-32BAC	SP	BIG WARM SPRING		5800	5605	AVE.DISCH.(1967-72)	VAN DENBURGH ETAL 74
13.5N/55E-29DDD	SP	BIG LOUIE SPRING	11/1970	1.0	6270		VAN DENBURGH ETAL 74
12N/55E- 9AAA	SP	MC CLURE SPRING		1.0	6310	DISCHARGE EST.	VAN DENBURGH ETAL 74
12N/56E- 5AC	SP	LITTLE WARM SPRING	3/1972	200	5590		VAN DENBURGH ETAL 74
12N/56E- 5CBD	SP		10/1971	50	5460	DISCHARGE EST.	VAN DENBURGH ETAL 74
12N/56E-10CCD	SP		10/1971	1.0	5580	DISCHARGE EST.	VAN DENBURGH ETAL 74
11N/55E-34DBC	SP	IKE SPRING	11/1970	1.0	6600		VAN DENBURGH ETAL 74
11N/56E-30DAA	SP	BRADSHAW SPRING		3.0	6020	DISCH.1-5GPM/EST.	VAN DENBURGH ETAL 74
11N/56E-31BCA	SP	INDIAN SPRING	8/1967	1.0	6180	DISCHARGE EST.	VAN DENBURGH ETAL 74
11N/56E-31CCD	SP	LEONAN SPRING		3.0	6300	DISCH.1-5GPM/EST.	VAN DENBURGH ETAL 74
11N/58E-15ACA	SP	SNOW(CRYSTAL)SPR.		3.0	6380	DISCH.1-5GPM/EST.	VAN DENBURGH ETAL 74
11N/58E-32BBC	SP	PASTRONI SPRING	10/1971	300	5360	DISCHARGE EST.	VAN DENBURGH ETAL 74
10N/58E- 8ADB	ST	CURRANT CREEK	2/1980	3200	5200		ERTEC 80
10N/58E- 9BC	SP		10/1971	200		DISCHARGE EST.	VAN DENBURGH ETAL 74
9N/57E- 5CCD	ST		2/1980	1500	4800	DISCHARGE EST.	ERTEC 80
8N/55E-14BCB	SP	MAY CORRAL SPR.	3/1972	450	4770		VAN DENBURGH ETAL 74
8N/55E-15AAA	SP	NORTH SPRING		170	4805	AVE.DISCH.(1967-72)	VAN DENBURGH ETAL 74
8N/55E-15ACD	SP	BIG SPRING	2/1980	370	4820		ERTEC 80
8N/55E-15ADD	SP	REYNOLDS SPRING		330	4770	AVE.DISCH.(1967-72)	VAN DENBURGH ETAL 74
8N/57E-11AA	SP	TOM SPRING	11/1966	250	4750	DISCHARGE EST.	HESS ET AL 78
8N/57E-11DDB	SP	BLUE EAGLE SPRING	3/1972	1900	4765		VAN DENBURGH ETAL 74
8N/57E-14AC	SP	KATE SPRING	1/1935	14	4755	DISCHARGE EST.	VAN DENBURGH ETAL 74
8N/57E-27DAC	SP	BUTTERFIELD SPRING	11/1966	200	4750	DISCHARGE EST.	HESS ET AL 78
7N/55E-16DB	SP	CHIMNEY HAT SPRING	2/1980	12	4820		ERTEC 80
7N/57E-28ACB	SP	BULLWHACKER SPRING	2/1934	10.0	4760	DISCHARGE EST.	VAN DENBURGH ETAL 74
7N/57E-28CBD	SP	THORN SPRING	10/1971	75	4750	DISCHARGE 50-100GPM	VAN DENBURGH ETAL 74
6N/54E-11AA	SP	STORM SPRING	10/1971	5.0	4805	DISCHARGE EST.	VAN DENBURGH ETAL 74
6N/54E-11DC	SP	COYOTE HOLE SPR.	8/1967	2.0	4840	DISCHARGE EST.	VAN DENBURGH ETAL 74
6N/54E-23BD S	SP	ABEL SPRING	2/1980	350	4810	DISCHARGE EST.	ERTEC 80
6N/56E-24BDC	ST	TROY CANYON	2/1980	55	4870		ERTEC 80
6N/57E- 1B	SP		11/1970	1.0	6000		VAN DENBURGH ETAL 74
6N/57E- 5BAA	SP	WILLOW SPRING	2/1934	30	4750		VAN DENBURGH ETAL 74
3N/52E- 3D	ST		3/1980	1500	5100		ERTEC 80
3N/55E-27DB	SP		11/1970	5.0	7000	DISCHARGE EST.	VAN DENBURGH ETAL 74
1N/52E-22CB	SP	PYRAMID SPRING	8/1967	0.2	5820	DISCHARGE EST.	VAN DENBURGH ETAL 74
2S/51E-17A	SP	SUMMER SPRING		3.0	6700	DISCHARGE EST.	VAN DENBURGH ETAL 74
2S/51E-21DA	SP	CEDAR SPRING	8/1967	3.0	6540	DISCHARGE EST.	VAN DENBURGH ETAL 74

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Ralston Valley, Nevada

WELL AND WATER LEVEL DATA

TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
8N/45E-17D	ARCULARIUS		260	14	6630	9/1980	165	6465		ERTEC 80/NVSEO
7N/44E-29D		1959	203	10	6600	10/1959	92	6508	STOCK WELL	THORDARSON ETAL 71
7N/44E-36CAA	ARCULARIUS	1948	240	6	6175	10/1948	182	5993		THORDARSON ETAL 71
7N/45E- 5AD	PARMAN		250	6	6385	9/1980	114	6271		ERTEC 80/NVSEO
7N/45E-19BD				6	6245	9/1980	197	6048		ERTEC 80/NVSEO
6N/43E-22DCD	ARCULARIUS	1950	320	8	6030	2/1950	227	5803		THORDARSON ETAL 71
6N/44E-14D	PARMAN		260	8	6050	11/1948	192	5858		THORDARSON ETAL 71
6N/44E-23DBB				6	6027	9/1980	--		DRY @ 195'	ERTEC 80/NVSEO
5N/44E- 7BDA	ARCULARIUS				5880	9/1980	72	5808		ERTEC 80/NVSEO
5N/44E-10DB	PARMAN			6	5905	9/1980	102	5803		ERTEC 80/NVSEO
5N/44E-16BC	U.S.AIR FORCE	1980	151	2	5885	3/1981	80	5805	OBSERVATION WELL	ERTEC
5N/44E-32BCC			18		5795	12/1960	12	5783		THORDARSON ETAL 71
4N/43E-16DDA				6	6000	9/1980	389	5611		ERTEC 80/NVSEO
4N/44E- 5BBA			18	3	5769	9/1980	12	5757		ERTEC 80/NVSEO
4N/44E- 8AB1	TONOPAH	1943	63	12	5745	6/1962	12	5733		THORDARSON ETAL 71
4N/44E- 8AB2	TONOPAH	1943	80	14	5740	6/1962	9	5731		THORDARSON ETAL 71
4N/44E- 8AB3	TONOPAH	1913	60	14	5735		8	5727		THORDARSON ETAL 71
4N/44E- 8BA	TONOPAH	1943	65	14	5735	6/1962	9	5726		EAKIN 62
4N/44E- 8CC1	TONOPAH		38	8	5710	5/1948	8	5702		THORDARSON ETAL 71
4N/44E- 8CC2	TONOPAH		38	8	5710	9/1980	9	5701		ERTEC 80/NVSEO
4N/44E-15CB	U.S.AIR FORCE	1980	140	2	5930	3/1981	--		DRY OBS.WELL	ERTEC
4N/44E-18AD1	TONOPAH				5690	9/1980	11	5679		ERTEC 80/NVSEO
4N/44E-18AD2	TONOPAH		47	12	5690	5/1948	11	5679		THORDARSON ETAL 71
4N/44E-19AA	TONOPAH		55	14	5650		8	5642		THORDARSON ETAL 71
4N/44E-19ABB	TONOPAH			12	5650	9/1980	10	5640		ERTEC 80/NVSEO
3N/43E-36B	NYE CO.			12	5425	9/1980	480	4945		ERTEC 80/NVSEO
3N/44E- 6BA	U.S.AIR FORCE	1980	191	2	5575	3/1981	--		DRY OBS.WELL	ERTEC
3N/44E-16CD	CORNELL	1947	540	6	5480	5/1947	480	5000		THORDARSON ETAL 71
3N/44E-35D	W & D HUNT			10	5375	9/1980	378	4997	STOCK WELL	ERTEC 80/NVSEO
2N/44E- 8B			264		5380		--		DRY	THORDARSON ETAL 71
2N/45E-21CC	ARCULARIUS		325	8	5260	9/1980	280	4980		ERTEC 80/NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	7N/43E-25BCA	SP	9-80	BAXTER SPRING	13.0	415	7.4	299	23	42	27	15
2	7N/44E-36C1	WE			--	--	--	--	57	39	5.4	32
3	5N/45E-21CB	SP	9-80	ANTELOPE SPRING	16.0	155	7.5	183	61	4.8	3.6	28
4	4N/44E- 8AB2	WE	-73	WELL #11	--	--	8.2	268	--	38	4.0	31
5	4N/44E- 8AB3	WE	-73	WELL #12	--	--	8.1	270	--	40	4.0	32
6	4N/44E- 8BA	WE		WELL #7	--	--	--	--	60	43	2.4	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	2.3	0	216	8.9	56	.5	.2	--	23	8.0	*1	ERTEC 80
2	5.8	--	154	14	37	.1	2.5	--	--	--	*2	EAKIN 62
3	7.3	0	88	11	18	.5	.3	--	36	7.0	*1	ERTEC 80
4	8.0	0	137	14	39	.5	10	--	170	ND	*2	PUBL.UTIL. 80
5	8.0	14	98	14	38	.5	12	--	ND	ND	*2	PUBL.UTIL. 80
6	7.4	--	137	13	34	.3	11	--	--	--	*2	EAKIN 62

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES: *1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
8N/44E-25AD	SP	KELLER SPR.	9/1980	1.0	6900	DISCHARGE <1GPM	ERTEC 80
8N/45E-34CD	ST	HUNTS CYN. CR.	10/1980	50	6550	DISCHARGE EST.	ERTEC 80
7N/43E-13DDA	SP	MUD SPRING	9/1980	0.0	7160	DRY	ERTEC 80
7N/43E-25BCA	SP	BAXTER SPRING	9/1980	12	6860		ERTEC 80
7N/44E-14CBD	SP	SPANISH SPR.	9/1980	0.0	6570	DISCHARGE=SEEP	ERTEC 80
5N/45E-21CB	SP	ANTELOPE SPRING	9/1980	0.5	6450		ERTEC 80

Sevier Desert, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C- 9- 9)34BD	U.S.AIR FORCE	1980	200	2	4550	3/1981	--		DRY OBS.WELL	ERTEC
(C-10- 9) 4BDA	BLM	1935	355	8	4525	3/1980	190	4335		ERTEC 80/UTSEO
(C-10- 9)21ACC	SNARR	1964	127	16	4427	3/1980	53	4374		ERTEC 80/UTSEO
(C-11- 8) 7CDC			215		4550	6/1962	78	4472		UTAH STATE ENG 79
(C-11- 8)18DBC	MC KEAN	1962	200	11	4553	3/1980	66	4487		ERTEC 80/UTSEO
(C-11- 8)20BCC	BENNION	1962	200	11	4569	5/1963	59	4510		MOWER ET AL 64
(C-11- 8)21BC	U.S.AIR FORCE	1980	200	2	4660	3/1981	106	4554	OBSERVATION WELL	ERTEC
(C-11- 8)23CDC					4587	/1965	48	4539		UTAH STATE ENG 79
(C-11- 8)33CCC	BENNION	1952	376	12	4591	5/1963	33	4558		USGS 79
(C-11- 9) 1BCA	BENNION	1957	450	16	4530	3/1980	80	4450		ERTEC 80/UTSEO
(C-11- 9) 1CDB	BENNION	1952	445	12	4528	5/1963	72	4456		MOWER ET AL 64
(C-11- 9)12CAA	BENNION	1962		11	4547	3/1978	78	4469		USGS 79
(C-12- 6)15BAC	BLM	1948	335	6	5110	3/1980	206	4904		ERTEC 80/UTSEO
(C-12- 6)26AA	U.S.AIR FORCE	1980	200	2	5055	3/1981	48	5007	OBSERVATION WELL	ERTEC
(C-12- 7) 3BCB	BLM	1948	270	6	4897	8/1948	235	4662		MOWER ET AL 64
(C-12- 7) 8CA	U.S.AIR FORCE	1980	200	2	4815	3/1981	76	4739	OBSERVATION WELL	ERTEC
(C-12- 8) 4BAC	PETERSON	1960	250	16	4593	3/1980	34	4559		ERTEC 80/UTSEO
(C-12- 8) 4DAD	PETERSON	1959	220	12	4593	12/1959	60	4533		MOWER ET AL 64
(C-12- 8) 9BBA	PETERSON	1959	272	12	4588	3/1980	28	4560		ERTEC 80/UTSEO
(C-12- 8) 9DBA	PETERSON	1958	390	16	4585	3/1980	23	4562		ERTEC 80/UTSEO
(C-12- 8)26BC	U.S.AIR FORCE	1980	160	2	4645	3/1981	50	4595	OBSERVATION WELL	ERTEC
(C-12- 8)28AAC	BLM	1935	245	6	4588	3/1980	20	4568		ERTEC 80/UTSEO
(C-13- 6) 9BC	U.S.AIR FORCE	1980	150	2	4805	3/1981	150	4655	OBSERVATION WELL	ERTEC
(C-13- 6)12BCB					4890	3/1980	194	4696		ERTEC 80/UTSEO
(C-13- 6)20AC	U.S.AIR FORCE	1980	151	2	4725	3/1981	64	4661	OBSERVATION WELL	ERTEC
(C-13- 6)26BAC	BLM	1935	175	6	4753	3/1979	70	4683		USGS 79
(C-13- 6)34BC	U.S.AIR FORCE	1980	160	2	4720	3/1981	59	4661	OBSERVATION WELL	ERTEC
(C-13- 6)35AD	U.S.AIR FORCE	1980	202	2	4760	3/1981	58	4702	OBSERVATION WELL	ERTEC
(C-13- 7) 9CBC	BLM		210	6	4638	3/1980	39	4599		ERTEC 80/UTSEO
(C-13- 7)12DB	U.S.AIR FORCE	1980	160	2	4725	3/1981	69	4656	OBSERVATION WELL	ERTEC
(C-13- 8)14BC	U.S.AIR FORCE	1980	160	2	4595	3/1981	3	4592	OBSERVATION WELL	ERTEC
(C-14- 5)35CDC	NELSON	1959	305	16	4788	3/1979	104	4684		USGS 79
(C-14- 6) 9BAB	CHRISTENSEN	1955	185	6	4728	10/1963	78	4650		MOWER ET AL 64
(C-14- 6) 9DDA	CHRISTENSEN	1944	143	3	4709	10/1963	57	4652		MOWER ET AL 64
(C-14- 6)21CCC	LYMAN	1937	185	3	4719	10/1963	68	4651		MOWER ET AL 64
(C-14- 7) 1CAB			150		4651	3/1980	20	4631		ERTEC 80/UTSEO
(C-14- 8)25CCC	BLM	1957	340	2	4575	3/1978	F	> 4575	FLOWING WELL	USGS 79
(C-14- 9)19DAA			200		4735	1/1980	180	4555		ERTEC 80/UTSEO
(C-14- 9)27BD	U.S.AIR FORCE	1980	160	2	4660	3/1981	103	4557	OBSERVATION WELL	ERTEC
(C-15- 5) 1CCB	GREATHOUSE	1951	296	16	4790	3/1980	114	4676		ERTEC 80/UTSEO
(C-15- 5)10CD	U.S.AIR FORCE	1980	200	2	4780	5/1980	103	4677	OBSERVATION WELL	ERTEC 80
(C-15- 5)13BBC	LYMNDYL IRR.CO.	1957	310	16	4780	3/1980	110	4670		ERTEC 80/UTSEO
(C-15- 5)26BAA	DMAD IRR.CO.	1958	860		4688	3/1979	17	4671		USGS 79
(C-15- 5)29DDA	BLM	1949	132	4	4784	3/1980	114	4670		ERTEC 80/UTSEO
(C-15- 6)19CAC	LYMAN	1956	235	3	4671	3/1980	42	4629		ERTEC 80/UTSEO
(C-15- 6)29BD	U.S.AIR FORCE	1980	120	2	4730	5/1980	63	4667	OBSERVATION WELL	ERTEC 80
(C-15- 6)31CCC	HOLMAN	1954	195	2	4626	3/1979	0	4626		USGS 79
(C-15- 7)17DAD	ELARIA		235	2	4588	3/1979	4	4584		USGS 79
(C-15- 7)18DCC	LAKELAND DVLP.			2	4576	3/1980	F	> 4576	FLOWING WELL	ERTEC 80/UTSEO
(C-15- 7)21BCC	DAVIS			2	4580	3/1978	4	4576		USGS 79
(C-15- 7)31CDD	ROBERTS		176	2	4577	3/1979	5	4572		USGS 79
(C-15- 7)33BAC	DAVIS	1953	325	2	4582	3/1979	F	> 4582	FLOWING WELL	USGS 79
(C-15- 8)23BBA	REID	1926	100	2	4565	3/1979	4	4561		USGS 79
(C-15- 8)25AAA	LAW	1936	285	2	4571	3/1979	F	> 4571	FLOWING WELL	USGS 79
(C-15- 8)34ADD	REID	1925	160	2	4572	3/1979	5	4567		USGS 79
(C-16- 5)18CAA	DMAD IRR.CO.	1961	960	20	4672	3/1979	22	4650		USGS 79
(C-16- 5)19CBD	DMAD IRR.CO.	1966	225	6	4671	3/1979	29	4642		USGS 79
(C-16- 6) 7DBC	HOLMAN	1928	104	2	4620	3/1979	1	4619		USGS 79
(C-16- 7) 1DCD	HOLMAN	1929	132	2	4615	3/1979	F	> 4615	FLOWING WELL	USGS 79
(C-16- 7) 3AAA	SHIELDS	1916	225	2	4590	3/1976	F	> 4590	FLOWING WELL	USGS 79
(C-16- 7) 4ABB	HINKLEY	1920	324	2	4584	3/1979	F	> 4584	FLOWING WELL	USGS 79
(C-16- 7) 6CBC	MOODY	1917	180	2	4581	11/1974	8	4573		USGS 79
(C-16- 7) 8ABB	JENSON	1914		2	4589	3/1979	10	4579		USGS 79
(C-16- 7)10BAD	DONE	1961	919	16	4595	3/1979	F	> 4595	FLOWING WELL	USGS 79
(C-16- 7)10CDC	LARSEN	1949	380	2	4604	3/1979	4	4600		USGS 79
(C-16- 7)12CCD	BARNEY	1951	582	8	4605	3/1979	F	> 4605	FLOWING WELL	USGS 79
(C-16- 7)12DCD	BLACK		180	2	4608	3/1979	4	4604		USGS 79
(C-16- 7)13CCC	CHESLEY	1953	284	2	4616	3/1978	1	4615		USGS 79
(C-16- 7)16DDA	HALES	1945	413	2	4612	3/1978	11	4601		USGS 79
(C-16- 7)28BBC	OWENS	1944	170	2	4610	3/1978	22	4588		USGS 79
(C-16- 7)35ACA	BUNKER	1918	170	2	4641	3/1979	36	4605		USGS 79
(C-16- 8) 2CDD	JENSEN			2	4578	3/1979	9	4569		USGS 79
(C-16- 8) 8DDD	BLM			2	4573	3/1978	8	4565		USGS 79
(C-16- 8)12DDD	PECK	1962	954	16	4587	3/1979	17	4570		USGS 79
(C-16- 8)15DDD	SHEPHERD	1924	190	2	4583	3/1979	16	4567		USGS 79
(C-16- 8)18DAA	BLM			2	4569	3/1979	9	4560		USGS 79
(C-16- 8)19DDD	BLM		128	2	4567	3/1979	12	4555		USGS 79
(C-16- 8)21BCB	ELLSWORTH	1942	996	26	4578	3/1979	12	4566		USGS 79
(C-16- 8)21DDD	ELLSWORTH		125	2	4575	3/1976	11	4564		USGS 79
(C-16- 8)22BAD	DONE	1952	150	10	4577	3/1979	15	4562		USGS 79
(C-16- 8)24BAA	GRONNING	1954	194	2	4588	3/1979	13	4575		USGS 79
(C-16- 8)26BCB	YOUNG	1944	96	2	4582	3/1979	18	4564		USGS 79
(C-16- 8)26BDB	GLDN.HRVST IRR.C	1959	844	18	4591	3/1972	30	4561		USGS 79

Sevier Desert, Utah

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C- 9- 7)35B	SP	7-64		19.0	421	7.6	264	14	50	8.0	28
2	(C- 9- 8)15DBC	SP	3-65	WINTER SPRINGS-W	.0	352	7.4	352	12	52	9.1	55
3	(C- 9- 8)18ADB	SP	2-73	SIMPSON SPRINGS-W	--	1100	7.4	606	15	85	16	120
4	(C- 9- 8)18ADC	SP	2-73		--	1200	7.4	674	13	90	18	140
5	(C-10- 7) 5C	SP	8-64		18.5	492	7.9	286	8.4	40	16	43
6	(C-10- 7) 8CAC	SP	7-64	CHERRY SPRINGS-W	--	664	7.6	379	13	60	25	44
7	(C-10- 7) 8CAD	SP	7-64	CHERRY SPRINGS-E	10.0	566	7.8	318	11	55	22	35
8	(C-10- 7)17A	SP	8-64		15.0	588	7.9	345	16	61	13	48
9	(C-10- 7)17BAB	SP	7-64		--	746	7.4	428	16	69	27	53
10	(C-10- 8) 2DBA	SP	7-64		9.5	698	7.6	409	16	70	27	46
11	(C-10- 8) 3ABB	SP	9-65	INDIAN SPRINGS-W	16.0	492	8.4	246	5.6	38	19	33
12	(C-10- 8) 4ABB	SP	7-64		10.5	732	7.7	426	13	77	28	46
13	(C-10- 9)21ACC	WE	8-71		--	1360	8.2	--	37	82	36	140
14	(C-12- 8) 9BBA	WE	5-63		18.0	964	7.2	530	41	68	27	80
15	(C-12- 9) 3BBC	SP	7-64		--	3220	7.4	1810	16	230	110	270
16	(C-13- 5)24ACB	WE	4-74		--	736	7.6	--	59	52	36	350
17	(C-13- 6)12BCB	WE	3-80		--	--	--	--	37	99	62	--
18	(C-13- 6)26BAC	WE	3-80	CHRISTIANSEN WINDMIL	10.0	3700	7.1	--	55	120	30	--
19	(C-13- 7) 9CBC	WE	3-80	DESERT MOUNTAIN	16.0	920	7.8	432	.5	23	22	110
20	(C-14- 5)26DCC	WS	7-73		15.0	973	7.5	--	14	110	35	33
21	(C-14- 5)35CDC	WE	9-61		16.0	3520	--	--	--	--	--	--
22	(C-14- 5)35DAA	WE	7-52		--	--	7.4	--	--	--	--	--
23	(C-14- 5)36CCC	WE	3-59		--	2490	7.5	1430	32	130	94	250
24	(C-14- 6) 7BAB	WE	3-80		12.5	3100	7.4	--	38	150	53	--
25	(C-14- 6) 9DDA	WE	3-80		12.5	3500	7.4	--	38	140	22	--
26	(C-14- 7)20CCC	WE	4-63		17.0	2340	7.0	1330	23	82	51	320
27	(C-14- 8)10DDB	SP	3-79	BAKER HOT SPRING	--	--	--	3982	.6	210	150	580
28	(C-14- 8)25CCC	WE	4-63		15.0	2100	6.8	1200	17	54	36	320
29	(C-15- 4)10CAD	WE	8-63		--	1050	8.2	704	16	84	35	75
30	(C-15- 5) 2DDC	WE	6-68		15.0	1430	8.0	--	--	110	61	76
31	(C-15- 5)14BDA	WE	3-60		--	856	7.6	439	19	65	24	45
32	(C-15- 5)22BCB	WE	3-80		--	675	7.8	--	15	37	23	--
33	(C-15- 5)27DCC	WE	10-69		21.0	387	7.5	--	17	19	19	38
34	(C-15- 5)29DDA	WE	3-80		--	720	7.6	--	24	37	26	--
35	(C-15- 5)33DCB	WE	8-62		22.0	513	7.5	308	26	31	20	42
36	(C-15- 6) 4AAB	WE	10-78	DELTA WELL #1	--	--	--	2262	36	170	21	460
37	(C-15- 6)19CAC	WE	8-61		15.0	762	7.8	445	29	30	22	98
38	(C-15- 7)13CAA	WE	3-80		16.0	1250	7.5	--	23	37	5.0	--
39	(C-15- 7)33BCD	WE	6-62		15.0	513	7.4	300	23	19	7.5	76
40	(C-15- 7)36CBB	WE	9-61		16.0	524	8.2	330	38	30	13	62
41	(C-15- 8) 2CAC	WE	3-63		14.0	1590	7.4	919	22	12	5.4	320
42	(C-15- 8)23BBA	WE	9-61		13.0	1410	8.4	803	24	6.4	5.8	280
43	(C-15- 8)29CCC	WE	3-63		12.0	875	7.7	521	19	9.0	1.9	190
44	(C-16- 4)19BDA	WE	9-61		17.0	1290	7.7	849	40	100	45	89
45	(C-16- 4)18BDA	WE	7-77		16.5	1400	--	--	--	--	--	--
46	(C-16- 4)30DDB	WE	3-63		13.0	1350	7.5	802	18	110	46	99
47	(C-16- 5)13CAA	WE	7-61		20.0	349	7.7	209	29	32	14	22
48	(C-16- 5)19CBD	WE	10-60		20.0	322	7.5	202	24	24	18	19
49	(C-16- 5)19CBD	WE	6-61		20.0	325	7.9	208	25	26	18	19
50	(C-16- 5)19CBD	WE	9-61		20.0	322	7.7	--	--	--	--	--
51	(C-16- 5)19CBD	WE	5-62		19.5	330	7.4	195	24	24	17	19
52	(C-16- 6)34BAD	WE	9-62		--	329	7.2	196	29	22	18	19
53	(C-16- 7) 2CBC	WE	4-55		13.0	495	8.0	299	25	24	18	55
54	(C-16- 7) 4ABB	WE	4-55		12.0	464	8.0	279	22	16	11	62
55	(C-16- 7)10BAD	WE	11-61		18.0	442	8.0	256	24	19	9.2	59
56	(C-16- 7)10BAD	WE	11-62		18.0	434	7.8	265	23	17	6.3	68
57	(C-16- 7)10BBB	WE	11-62		--	420	7.6	242	13	23	9.7	51
58	(C-16- 7)13CAD	WE	4-55		--	438	7.5	254	25	28	20	31
59	(C-16- 7)13CDC	WE	4-57		12.0	404	7.8	225	8.3	22	14	40
60	(C-16- 7)22DAD	WE	4-55		21.0	824	7.8	492	32	11	5.4	150
61	(C-16- 7)24BCA	WE	6-62		23.0	439	7.9	269	27	16	8.0	67
62	(C-16- 7)33BBA	WE	8-62		17.0	594	7.8	348	22	8.4	4.4	110
63	(C-16- 8)12DDD	WE	6-62		27.0	601	7.9	363	32	11	1.9	120
64	(C-16- 8)15DCD	WE	6-53		--	--	8.5	422	7.8	ND	20	14
65	(C-16- 8)21CBB	WE	12-47	TOPAZ CAMP WELL	24.0	2520	--	1480	41	28	11	510
66	(C-16- 8)21C3B	WE	11-57		29.0	3110	8.0	1760	41	35	13	610

Sevier Desert, Utah

SELECTED WATER QUALITY DATA

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	2.3	0	199	38	17	.1	.3	60	110	10.0	*2	STEPHENS ET AL 78
2	1.1	0	208	67	26	.4	2.1	70	ND	20	*2	STEPHENS ET AL 78
3	2.3	0	309	130	34	.4	.2	--	30	ND	*3,*4	STEPHENS ET AL 78
4	2.0	0	334	200	44	.3	.5	--	30	ND	*3,*4	STEPHENS ET AL 78
5	1.1	0	212	56	14	.2	.1	80	80	20	*2	STEPHENS ET AL 78
6	4.3	0	304	60	26	.4	.3	80	90	10.0	*2	STEPHENS ET AL 78
7	.9	0	266	47	22	ND	1.0	20	80	10.0	*2	STEPHENS ET AL 78
8	.6	0	256	58	19	.2	1.1	60	820	90	*2	STEPHENS ET AL 78
9	1.2	0	330	75	28	.4	.1	70	70	30	*2	STEPHENS ET AL 78
10	.7	0	348	55	25	.3	.2	70	120	50	*2	STEPHENS ET AL 78
11	--	8	192	40	19	--	.2	--	--	--	*2	STEPHENS ET AL 78
12	1.2	0	360	54	39	.3	.2	60	110	20	*2	STEPHENS ET AL 78
13	3.0	1	195	290	71	.3	3.0	200	200	ND	*2	STEPHENS ET AL 78
14		0	194	180	36	--	.7	80	--	--	*2,*5	MOWER ET AL 64
15	4.3	0	193	920	152	.1	1.1	190	--	--	*2,*4	STEPHENS ET AL 78
16	18	2	194	120	57	.6	10	--	--	--	*1	BLM 80b
17	--	0	160	460	275	1.1	.0	--	--	--	*1	ERTEC 80
18	--	0	140	650	531	1.0	1.8	--	--	--	*1	ERTEC 80
19	14	0	140	120	44	.7	.8	--	--	--	*1	ERTEC 80
20	1.8	0	201	110	130	--	46	--	--	--	*2	USGS 79
21	--	--	--	810	--	--	--	--	--	--		MOWER ET AL 64
22	--	--	--	--	--	--	--	--	--	--		MOWER ET AL 64
23	--	0	245	560	250	--	2.3	--	--	--	*2,*4,*5	MOWER ET AL 64
24	--	0	260	460	356	1.7	ND	--	--	--		ERTEC 80
25	--	0	240	660	335	1.5	.0	--	--	--	*1	ERTEC 80
26		0	90	540	268	--	2.1	--	--	--	*2,*4,*5	MOWER ET AL 64
27	160	ND	127	470	764	2.7	.0	--	--	--	*1	BLM 80b
28		0	66	450	283	--	2.7	--	--	--	*2,*4,*5	MOWER ET AL 64
29	5.3	2	222	150	108	.9	.9	100	790	--	*2,*4	MOWER ET AL 64
30	--	0	196	330	76	--	--	--	--	--		USGS 79
31	5.0	1	225	65	35	.5	.7	140	50	ND	*2,*4	MOWER ET AL 64
32	--	0	140	65	37	.3	ND	--	--	--		ERTEC 80
33	--	0	177	28	24	--	ND	--	--	--	*5	USGS 79
34	--	0	120	65	40	.2	.1	--	--	--	*1	ERTEC 80
35	2.3	0	152	52	56	.3	3.1	70	ND	--	*2,*4	MOWER ET AL 64
36	.1	0	160	370	402	1.2	.2	--	--	--	*1	BLM 80b
37		0	202	110	62	--	.3	--	--	--	*5	MOWER ET AL 64
38	--	0	120	160	206	1.2	ND	--	--	--		ERTEC 80
39		0	125	59	55	--	ND	--	--	--	*4,*5	MOWER ET AL 64
40		0	150	58	55	--	.4	--	ND	--	*2,*4,*5	MOWER ET AL 64
41		0	144	290	199	--	1.2	--	--	--	*2,*4,*5	MOWER ET AL 64
42		6	166	250	149	--	.7	--	ND	--	*2,*4,*5	MOWER ET AL 64
43		0	217	100	100	--	.3	--	--	--	*2,*4,*5	MOWER ET AL 64
44	--	0	212	230	129	--	8.9	--	ND	--	*2,*4	MOWER ET AL 64
45	--	0	--	--	--	--	--	--	--	--		MOWER ET AL 64
46		0	279	170	159	--	56	--	--	--	*2,*4,*5	MOWER ET AL 64
47		0	178	20	10	--	2.6	260	ND	--	*2,*5	MOWER ET AL 64
48	1.8	0	154	24	13	.2	1.8	.0	.0	--	*2,*4	MOWER ET AL 64
49	1.7	0	153	24	13	.2	2.9	80	ND	120	*2,*4	MOWER ET AL 64
50	--	0	155	22	--	--	--	--	--	--		MOWER ET AL 64
51	.0	0	158	22	11	--	.1	--	--	--	*2,*4	MOWER ET AL 64
52		0	168	17	7	.3	.3	--	--	--	*2,*4,*5	MOWER ET AL 64
53	--	0	132	58	54	--	.1	--	--	--	*2,*4	MOWER ET AL 64
54	--	0	132	52	51	--	.1	--	--	--	*2,*4	MOWER ET AL 64
55		0	137	42	41	--	--	.1	--	--	*4,*5	MOWER ET AL 64
56		0	142	39	41	.5	.5	--	--	--	*2,*4,*5	MOWER ET AL 64
57		0	125	46	38	.4	.4	--	--	--	*2,*4,*5	MOWER ET AL 64
58		0	132	45	44	--	1.0	--	--	--	*2,*4,*5	MOWER ET AL 64
59		0	119	44	37	--	.8	--	--	--	*2,*4,*5	MOWER ET AL 64
60	--	0	192	110	82	--	.2	--	--	--	*2,*4	MOWER ET AL 64
61		0	149	40	38	--	ND	--	--	--	*4,*5	MOWER ET AL 64
62		0	168	66	51	--	.4	--	--	--	*2,*4,*5	MOWER ET AL 64
63		0	210	57	39	--	ND	--	--	--	*4,*5	MOWER ET AL 64
64		4	228	110	107	.1	4.0	--	160	--	*2,*4,*5	MOWER ET AL 64
65		14	188	620	173	--	.2	--	--	--	*2,*4,*5	MOWER ET AL 64
66		0	208	770	192	--	1.8	--	--	--	*2,*4,*5	MOWER ET AL 64

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Sevier Desert, Utah

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C- 9- 7)28BC	SP		3/1965	1.0	5700	DISCHARGE EST.	STEPHENS ET AL 78
(C- 9- 7)28CAC	SP		5/1976	5.0	5770	DISCHARGE EST.	STEPHENS ET AL 78
(C- 9- 7)31DBB	SP		7/1964	0.2	6310	DISCHARGE EST.	STEPHENS ET AL 78
(C- 9- 8)15D8C	SP	WINTER SPRINGS-W	12/1965	3.0	6000	2 SPRS.COMBINED	STEPHENS ET AL 78
(C-10- 7) 8CAC	SP	CHERRY SPRINGS-W	7/1964	1.0	6490	DISCHARGE EST.	STEPHENS ET AL 78
(C-10- 7) 8CAD	SP	CHERRY SPRINGS-E	7/1964	40	6460	DISCHARGE EST.	STEPHENS ET AL 78
(C-10- 7)17A	SP		8/1964	0.5	6400	DISCHARGE EST.	STEPHENS ET AL 78
(C-10- 7)17BAB	SP		7/1964	8.0	6555	DISCHARGE EST.	STEPHENS ET AL 78
(C-10- 8) 2DBA	SP		7/1964	100	6900	DISCHARGE EST.	STEPHENS ET AL 78
(C-10- 8) 3ABA	SP	INDIAN SPRINGS-E	9/1965	2000	6680	2 SPRS.COMBINED/EST.	STEPHENS ET AL 78
(C-10- 8) 3ABB	SP	INDIAN SPRINGS-W	9/1965	2000	6580	2 SPRS.COMBINED/EST.	STEPHENS ET AL 78
(C-10- 8) 4ABB	SP		7/1964	35	6050	DISCHARGE EST.	STEPHENS ET AL 78
(C-10- 8) 5DBA	SP	COYOTE SPRINGS-N	/1955	250	5740	DISCHARGE EST.	STEPHENS ET AL 78

Sevier Desert, Utah
(Whirlwind Valley)

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND SLEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-15- 9) 9CBD	U.S.AIR FORCE	1980	151	2	4598	3/1981	50	4548	OBSERVATION WELL	ERTEC
(C-15- 9)29DAC	U.S.AIR FORCE	1980	200	2	4650	3/1981	107	4543	OBSERVATION WELL	ERTEC
(C-15-10) 1ADC	BLM	1948	701	4	4710	11/1968	131	4579		USGS 79
(C-15-10)33ACA	BLM	1966	225	6	5140	7/1966	140	5000		UTAH STATE ENG 79
(C-15-12)19AD1	U.S.AIR FORCE	1980	1220	2	5280	12/1980	797	4483	OBSERVATION WELL	ERTEC 80
(C-15-12)19AD2	U.S.AIR FORCE	1980	1033	10	5250	12/1980	795	4455	TEST WELL	ERTEC 80
(C-16- 9)19ACB	U.S.AIR FORCE	1979	180	2	4744	3/1981	176	4568	OBSERVATION WELL	ERTEC
(C-16- 9)29DCC	BLM	1948	151	6	4610	6/1948	70	4540		MOWER ET AL 64
(C-16- 9)31CC	U.S.AIR FORCE	1979	202	2	4650	3/1981	118	4532	OBSERVATION WELL	ERTEC
(C-16-10) 1ADD	U.S.AIR FORCE	1979	202	2	4808	1/1980	--		DRY OBS.WELL	ERTEC 80
(C-17- 9) 5ADA	U.S.AIR FORCE	1980	155	2	4565	3/1981	23	4542	OBSERVATION WELL	ERTEC
(C-17- 9) 7CD	U.S.AIR FORCE	1979	150	2	4560	3/1981	20	4540	OBSERVATION WELL	ERTEC
(C-17- 9)30AA	U.S.AIR FORCE	1980	160	2	4555	3/1981	24	4531	OBSERVATION WELL	ERTEC
(C-17-10)14BAC			204		4649	3/1980	118	4531		ERTEC 80/UTSEO
(C-17-10)14BBB	BLM	1948	204	6	4650	11/1963	117	4533		MOWER ET AL 64
(C-17-10)28ADD	U.S.AIR FORCE	1979	200	2	4668	3/1981	147	4521	OBSERVATION WELL	ERTEC
(C-17-10)29DBC	U.S.AIR FORCE	1979	200	2	4719	3/1981	--		DRY OBS.WELL	ERTEC
(C-18-10)20CB	U.S.AIR FORCE	1980	200	2	4685	3/1981	172	4513	OBSERVATION WELL	ERTEC
(C-18-10)26BDA	CLYDE	1951	280	8	4575	5/1951	43	4532		MOWER ET AL 64
(C-18-11) 5DB6	BLM	1935	565	6	4900	8/1935	250	4650		MOWER ET AL 64
(C-19-10) 6BCD	U.S.AIR FORCE	1980	205	2	4745	3/1981	--		DRY OBS.WELL	ERTEC
(C-19-10) 7ABC			523		4692	3/1979	189	4503		USGS 79
(C-19-11)28BAD			524		4690	10/1951	217	4473		MOWER ET AL 64
(C-19-12)25CCC					4680	11/1979	196	4484		USGS 79
(C-19-12)27CBD	U.S.AIR FORCE	1979	200	2	4731	3/1981	--		DRY OBS.WELL	ERTEC
(C-19-12)30ABB	BLM	1936	560	6	5220	2/1936	--		DRY WELL	MOWER ET AL 64
(C-19-12)36BCA	U.S.AIR FORCE	1979	200	2	4605	3/1981	182	4423	OBSERVATION WELL	ERTEC
(C-20-12)17ADC	U.S.AIR FORCE	1979	200	2	4660	3/1981	--		DRY OBS.WELL	ERTEC

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-15-12)19AD2	WE	12-80	USAF TEST WELL	37.0	--	--	343	50	15	8.2	87
2	(C-16-13)23AD	SP	11-79	SWAZEY SPRING	8.0	365	7.5	--	13	26	16	43
3	(C-16-13)34AD	SP	11-79	ANTELOPE SPRING	11.0	665	7.6	--	13	23	12	29

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	9.6	--	190	64	15	.1	.6	--	--	--	*1,*4	ERTEC 80
2	2.0	0	249	85	27	.1	.4	--	--	--	*1	ERTEC 79
3	2.0	0	205	90	16	.0	.9	--	--	--	*1	ERTEC 79

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DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-16-13)23AD	SP	SWAZEY SPRING	11/1979	50	6200	DISCHARGE 50-100GPM	ERTEC 79
(C-16-13)34AD	SP	ANTELOPE SPRING	11/1979	160	8800		ERTEC 79

Snake Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-11-15)30DCB	BLM	1935	112		4370	8/1942	31	4339	CASING 8" & 6"	HOOD ET AL 65
(C-11-16) 6CBC4	DELMONT TRIM	1934	90	3	4346	10/1964	F	> 4346	FLOW 1GPM EST.	HOOD ET AL 65
(C-11-16) 6CC	CHRISTENSEN		20	48	4350	11/1954	20	4330	STOCK	HOOD ET AL 65
(C-11-16)24DD	U.S.AIR FORCE	1979	201	2	4345	7/1980	24	4321	OBSERVATION WELL	ERTEC 80
(C-11-16)36CDA	U.S.AIR FORCE	1980	150	2	4414	3/1981	2	4412	OBSERVATION WELL	ERTEC
(C-11-17) 1BDC	DROUGHT RLF.ASOC	1934	221	4	4330	10/1964	5	4325		HOOD ET AL 65
(C-11-17) 2C	CALLAO WATER CO.	1934	222	4	4420	/1934	5	4415	DOM & STOCK	HOOD ET AL 65
(C-11-17)21CD	U.S.AIR FORCE	1980	200	2	4800	3/1981	180	4620	OBSERVATION WELL	ERTEC
(C-12-16)16BB	U.S.AIR FORCE	1980	150	2	4524	3/1981	--		DRY OBS. WELL	ERTEC
(C-12-17) 1AC	U.S.AIR FORCE	1980	160	2	4635	3/1981	--		DRY OBS. WELL	ERTEC
(C-12-17)34ADD			175	6	4560	8/1946	80	4480	DOM & STOCK	HOOD ET AL 65
(C-12-17)34BBD			220		4600	8/1977	172	4428		UTAH STATE ENG 79
(C-12-17)34DBA	O'BRIEN	1946	175	6	4560	8/1946	78	4482		UTAH STATE ENG 79
(C-12-17)35CAD	U.S.AIR FORCE	1979	100	2	4575	3/1981	92	4483	OBSERVATION WELL	ERTEC
(C-13-16) 6CCC	BLM	1962	252	6	4660	10/1962	210	4450		HOOD ET AL 65
(C-13-17) 1DB	U.S.AIR FORCE	1979	100	2	4630	3/1981	--		DRY OBS. WELL	ERTEC
(C-13-18)13ACC			129		4680	12/1955	15	4665		UTAH STATE ENG 79
(C-13-18)13BCC			218		4720	5/1957	62	4658		UTAH STATE ENG 79
(C-13-18)13CAD	1000 PEAKS RNCHS	1973	505	16	4720	7/1973	6	4714	TEST WELL	UTAH STATE ENG 79
(C-13-18)13D	HOWELLS		400	2	4680	10/1944	F	> 4680	FLOWING WELL	HOOD ET AL 65
(C-13-18)14BBA	U.S.AIR FORCE	1979	101	2	4840	3/1981	--		DRY OBS. WELL	ERTEC
(C-13-18)14CCD					4720	8/1979	54	4666		ERTEC 79/UTSEO
(C-13-18)14DDB	SMITH	1957	148	8	4720	5/1957	41	4679		UTAH STATE ENG 79
(C-13-18)14DDC	PARKER	1933	75		4720	11/1954	18	4702		HOOD ET AL 65
(C-13-18)22ACC			82		4770	8/1979	11	4759		ERTEC 79/UTSEO
(C-13-18)22CAA			127		4770	3/1953	28	4742		UTAH STATE ENG 79
(C-13-18)22CBB			44		4800	3/1953	15	4785		UTAH STATE ENG 79
(C-13-18)23AAB1	NIELSON		300		4700	11/1938	17	4683	CASING 3" & 2"	HOOD ET AL 65
(C-13-18)23AAB2	NIELSON	1933	30	10	4700	10/1964	8	4692	DOM & STOCK	HOOD ET AL 65
(C-13-18)25DD	U.S.AIR FORCE	1980	200	2	4800	3/1981	99	4701	OBSERVATION WELL	ERTEC
(C-13-18)27ADB			103		4720	8/1951	2	4718		UTAH STATE ENG 79
(C-13-18)27CCC	NEWBOLD	1964	540		4780				ABND.TEST WELL	UTAH STATE ENG 79
(C-13-18)27CDD	HILL	1958	107		4730	9/1958	12	4718		UTAH STATE ENG 79
(C-13-18)27DCC	NEWBOLD	1953	40	8	4728	9/1963	10	4718		UTAH STATE ENG 79
(C-13-18)28CCC	PARTOUN SCHOOL		36	2	4820		31	4789		HOOD ET AL 65
(C-13-18)28DA	NEWBOLD	1959	120	12	4780	/1964	31	4749	IRRIGATION	HOOD ET AL 65
(C-13-18)28DCC			104		4780	9/1958	8	4772		UTAH STATE ENG 79
(C-13-18)33ECD	TINTIC SCH.DIST.	1953	63	6	4800	9/1953	33	4767		UTAH STATE ENG 79
(C-13-18)33CCC			30		4800	6/1959	7	4793		UTAH STATE ENG 79
(C-13-18)33DCC	ROHRBACH	1950	159	12	4760	10/1964	12	4748	DOM,STOCK,IRR.	HOOD ET AL 65
(C-13-18)34ACC			107		4730	8/1979	7	4723		ERTEC 79/UTSEO
(C-13-18)34BCC			112		4745	8/1979	11	4734		ERTEC 79/UTSEO
(C-13-18)34CCC			147		4744	8/1979	1	4743		ERTEC 79/UTSEO
(C-13-18)34CDD			300		4730	8/1979	13	4717		ERTEC 79/UTSEO
(C-13-18)34DCC	FINK	1971	300	8	4730	2/1971	F	> 4730	FLOW./IRRIGATION	UTAH STATE ENG 79
(C-13-18)35C	HALE		140	6	4730	10/1949	F	> 4730	FLOWING WELL	HOOD ET AL 65
(C-14-18) 3CD1	HALE	1938	125	3	4750	7/1938	F	> 4750	FLOWING	UTAH STATE ENG 79
(C-14-18) 3CD2	HALE	1938	165	3	4750	7/1938	F	> 4750	FLOWING	UTAH STATE ENG 79
(C-14-18) 3CDA	HALE	1961	165	12	4750	1/1961	F	> 4750	FLOW./IRRIGATION	UTAH STATE ENG 79
(C-14-18) 3CDB	HALE	1961	165	12	4750	1/1961	F	> 4750	FLOW./IRRIGATION	UTAH STATE ENG 79
(C-14-18) 3DCC	HALE	1938	130	6	4750	10/1944	F	> 4750	FLOWING 14GPM	HOOD ET AL 65
(C-14-18) 3DDC1	HALE	1948	120	6	4739	5/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
(C-14-18) 3DDC2	HALE	1948	120	6	4739	5/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
(C-14-18) 3DDC3	HALE	1948	140	6	4739	8/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
(C-14-18) 3DDC4	HALE	1948	120	6	4739	9/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
(C-14-18) 3DDC7	HALE	1948	120	6	4740	10/1949	F	> 4740	FLOW./DOM & IRRIG.	HOOD ET AL 65
(C-14-18) 4ACA	LEWIS	1975	96	8	4780	3/1975	20	4760	DOMESTIC	UTAH STATE ENG 79
(C-14-18) 4ADC	ANDERSON	1955	118	6	4755	6/1965	2	4753		UTAH STATE ENG 79
(C-14-18) 4BDB			70		4780	7/1952	13	4767		UTAH STATE ENG 79
(C-14-18) 4DBB	FABER	1948	70		4780	11/1950	13	4767	CASING 10" & 6"	HOOD ET AL 65
(C-14-18) 4DCC	ADAM	1954	205	10	4785	3/1954	F	> 4785	FLOWING	UTAH STATE ENG 79
(C-14-18) 5C			70		4820		60	4760		HOOD ET AL 65
(C-14-18) 5CCC			85		4830	8/1979	56	4774		ERTEC 79/UTSEO
(C-14-18) 8ACC			105		4795	7/1959	11	4784		UTAH STATE ENG 79
(C-14-18) 8CCC	WEIGHT	1954	67	10	4818	4/1954	25	4793		UTAH STATE ENG 79
(C-14-18) 9CBC			64		4790	6/1953	8	4782		UTAH STATE ENG 79
(C-14-18)17AAA			101		4795	12/1974	18	4777		UTAH STATE ENG 79
(C-14-18)17ACC			72		4818	6/1953	18	4800		UTAH STATE ENG 79
(C-14-18)18DCD	U.S.AIR FORCE	1979	101	2	4860	3/1981	78	4782	OBSERVATION WELL	ERTEC
(C-14-18)26DC	U.S.AIR FORCE	1980	200	2	4960	3/1981	168	4792	OBSERVATION WELL	ERTEC
(C-14-18)27AA	U.S.AIR FORCE	1979	101	2	4840	3/1981	56	4784	OBSERVATION WELL	ERTEC
(C-15-18)11CDB	BLM	1962	485		5160	/1962	--		DRY	UTAH STATE ENG 79
(C-15-19)11EC	U.S.AIR FORCE	1979	101	2	4960	3/1981	89	4871	OBSERVATION WELL	ERTEC
(C-15-19)12BD	U.S.AIR FORCE	1979	101	2	4865	3/1981	51	4814	OBSERVATION WELL	ERTEC
(C-16-18) 3BAC			100		5010	3/1958	37	4973		UTAH STATE ENG 79
(C-16-18)10BA	U.S.AIR FORCE	1980	200	2	4960	3/1981	165	4795	OBSERVATION WELL	ERTEC
(C-16-18)26CBA	U.S.AIR FORCE	1979	101	2	4880	3/1981	41	4839	OBSERVATION WELL	ERTEC
(C-16-19) 4ADD1	SINGLETON	1917	33	36	4940	9/1940	30	4910		HOOD ET AL 65
(C-16-19) 4BBD	U.S.AIR FORCE	1979	101	2	5000	3/1981	72	4928	OBSERVATION WELL	ERTEC
(C-16-19)17DB	U.S.AIR FORCE	1980	150	2	5040	3/1981	122	4918	OBSERVATION WELL	ERTEC
(C-16-19)29CA	U.S.AIR FORCE	1980	200	2	4975	3/1981	82	4893	OBSERVATION WELL	ERTEC
(C-17-18) 1DA	U.S.AIR FORCE	1980	160	2	5015	3/1981	--		DRY OBS. WELL	ERTEC
(C-17-18)26AB	U.S.AIR FORCE	1979	101	2	4865	3/1981	39	4826	OBSERVATION WELL	ERTEC
(C-17-19) 4ADD	ELDRIDGE	1955	760	16	4880	2/1978	43	4837		USGS 79
(C-17-19) 4BD	U.S.AIR FORCE	1979	101	2	4910	3/1981	75	4835	OBSERVATION WELL	ERTEC
(C-17-19) 5CC	U.S.AIR FORCE	1979	100	2	5050	3/1981	49	5001	OBSERVATION WELL	ERTEC
(C-17-19)30ACC	U.S.AIR FORCE	1980	200	2	5120	3/1981	121	4999	OBSERVATION WELL	ERTEC
(C-18-18)10AAD	U.S.AIR FORCE	1979	51	2	4920	3/1981	50	4870	OBSERVATION WELL	ERTEC
(C-18-18)31ADB	U.S.AIR FORCE	1979	100	2	4970	3/1981	72	4898	OBSERVATION WELL	ERTEC
(C-19-18)32CDC			100		5061	1/1980	51	5010		ERTEC 80/UTSEO

Snake Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-18-19)20ABD	U.S.AIR FORCE	1979	100	2	5010	3/1981	34	4976	OBSERVATION WELL	ERTEC
(C-18-19)20DAD1	ROBINSON		100	6	4955	2/1978	29	4926	DOM & STOCK	USGS 79
(C-18-19)20DDD1	ROBINSON	1925	90	6	4965	2/1978	28	4937	DOM & STOCK	USGS 79
(C-18-19)20DDD2	HILL	1956	560	16	4965	10/1957	F	> 4965	FLOWING/STOCK	HOOD ET AL 65
(C-18-19)21CBC					4950	8/1979	24	4926		ERTEC 79/UTSEO
(C-18-19)21CCC	HILL	1967	600	16	4970	4/1967	F	> 4970	FLOWING/STOCK	UTAH STATE ENG 79
(C-18-19)23ACC	PARKER	1951	130	16	4930	12/1951	28	4902		UTAH STATE ENG 79
(C-18-19)23BCC			600	16	4970	2/1978	19	4951		USGS 79
(C-19-18) 5AB	U.S.AIR FORCE	1980	200	2	5100	3/1981	--		DRY OBS. WELL	ERTEC
(C-19-19)14ACD			77		4925	7/1961	11	4914		UTAH STATE ENG 79
(C-19-19)14ADC	ADAM	1966	99	16	4925	3/1966	13	4912	IRRIGATION	UTAH STATE ENG 79
(C-19-19)14DCC			59		4930	4/1966	18	4912		UTAH STATE ENG 79
(C-19-19)14DCD			65		4930	8/1957	12	4918		UTAH STATE ENG 79
(C-19-19)23ACD	CARLSON	1964	98	16	4935	5/1964	15	4920	IRRIGATION	UTAH STATE ENG 79
(C-19-19)23BDC			110		4930	10/1965	13	4917		UTAH STATE ENG 79
(C-19-19)23DCD	FLANDERS	1956	80	16	4940	6/1956	14	4926		UTAH STATE ENG 79
(C-19-19)23DDB	FLANDERS	1961	155	16	4950	3/1961	14	4936	IRRIGATION	UTAH STATE ENG 79
(C-19-19)26ABA					4948	/1978	17	4931		USGS 79
(C-19-19)26BBA	AARONIC CORP.	1979	200		4945	3/1978	12	4933		UTAH STATE ENG 79
(C-19-19)26BDD			112	16	4950	4/1977	12	4938		USGS 79
(C-19-19)29ABD			65		4969	4/1967	15	4954		UTAH STATE ENG 79
(C-19-19)31CC	U.S.AIR FORCE	1979	101	2	5060	3/1981	F	> 5060	FLOWING/OBS.WELL	ERTEC
(C-19-19)34ABA	GOUNDER	1976	118		4955	8/1979	15	4940	IRRIGATION	ERTEC 79/UTSEO
(C-19-19)34ABD					4955	8/1979	14	4941		ERTEC 79/UTSEO
(C-19-19)34ADB	GOUNDER	1960	110	14	4960	2/1960	8	4952	IRRIGATION	UTAH STATE ENG 79
(C-19-19)34ADD	GOUNDER	1945	406	6	4960	10/1945	7	4953		UTAH STATE ENG 79
(C-19-19)34DAA					4965	8/1979	15	4950		ERTEC 79/UTSEO
(C-19-19)34DAC	GOUNDER	1960	82	14	4970	3/1960	6	4964	IRRIGATION	UTAH STATE ENG 79
(C-19-19)34DDB					4970	8/1979	15	4955		ERTEC 79/UTSEO
(C-19-19)34DDD					4970	8/1979	15	4955		ERTEC 79/UTSEO
(C-19-19)35ACC			40		4970	12/1957	16	4954		UTAH STATE ENG 79
(C-19-19)35ACD	WEIGHT	1958	70	16	4970	5/1958	19	4951	ABANDONED	UTAH STATE ENG 79
(C-19-19)35BDD	WEIGHT	1955	45		4970	8/1955	9	4961		UTAH STATE ENG 79
(C-19-19)35CAC			110		4980	8/1979	20	4960		ERTEC 79/UTSEO
(C-19-19)35CAD	WEIGHT	1959	100	16	4970	3/1959	8	4962		UTAH STATE ENG 79
(C-19-19)35CDC	AARONIC CORP.	1977	72	14	4975	11/1977	25	4950	STOCK	UTAH STATE ENG 79
(C-19-19)35CDD					4980	8/1979	17	4963		ERTEC 79/UTSEO
(C-19-19)35DBC	ESKDALE CO.	1955	45	6	4975	7/1955	20	4955		UTAH STATE ENG 79
(C-19-19)35DCB	ESKDALE CO.	1956	49	6	4975	8/1956	21	4954		UTAH STATE ENG 79
(C-19-19)35DCC	VAN RY	1961	74	16	4980	5/1961	8	4972	IRRIGATION	UTAH STATE ENG 79
(C-19-19)35DCD1	VAN RY	1964	140	16	4980	11/1966	21	4959	IRRIGATION	UTAH STATE ENG 79
(C-19-19)35DCD2	ESKDALE DVLP.CO.			12	4975	2/1965	11	4964	DOMESTIC	HOOD ET AL 65
(C-19-19)36DB	U.S.AIR FORCE	1979	100	2	5050	3/1981	79	4971	OBSERVATION WELL	ERTEC
(C-20-17) 9C	U.S.DIV.GRAZING	1941	739	5	5490	10/1941	585	4905		UTAH STATE ENG 79
(C-20-18)21BA	U.S.AIR FORCE	1980	168	2	5120	3/1981	152	4968	OBSERVATION WELL	ERTEC
(C-20-18)21BC	U.S.AIR FORCE	1979	100	2	5120	3/1981	--		DRY OBS. WELL	ERTEC
(C-20-18)32AAB	U.S.AIR FORCE	1979	100	2	5015	3/1981	37	4978	OBSERVATION WELL	ERTEC
(C-20-19) 1BC2	U.S.DIV.GRAZING	1939	375	5	4990	7/1939	32	4958		UTAH STATE ENG 79
(C-20-19) 1BCC	BLM			4	4990	5/1951	F	> 4990	FLOW 1GPM EST.	HOOD ET AL 65
(C-20-19) 6BCC	BELLANDER	1915	200	3	5080	10/1945	F	> 5080	FLOWING WELL	HOOD ET AL 65
(C-20-19) 6CBC			130		5060	8/1946	F	> 5060	FLOWING WELL	UTAH STATE ENG 79
(C-20-19) 6DCC	SORENSEN	1946	280	8	5042	9/1946	F	> 5042	FLOWING	UTAH STATE ENG 79
(C-20-19) 7AAB	QUATE	1932	569	6	5035	11/1968	F	> 5035	FLOWING	HOOD ET AL 65
(C-20-19) 7BBD	SORENSON	1915	280		5070	11/1954	F	> 5070	FLOW./CAS.6"& 3"	HOOD ET AL 65
(C-20-19) 7BCB	SORENSON	1946	281	16	5080	8/1946	F	> 5080	FLOWING	UTAH STATE ENG 79
(C-20-19) 7C	U.S.DIV.GRAZING	1939	575	5	5078	2/1939	--		DRY	UTAH STATE ENG 79
(C-20-19)12AA	U.S.AIR FORCE	1980	150	2	5040	3/1981	16	5024	OBSERVATION WELL	ERTEC
(C-20-19)14BAD	BUNKER	1971	102	20	5000	3/1971	25	4975	IRRIGATION	UTAH STATE ENG 79
(C-20-19)14BBC	BUNKER	1952	100	16	5000	4/1952	12	4988		UTAH STATE ENG 79
(C-20-19)14BDA					5004	8/1979	23	4981		ERTEC 79/UTSEO
(C-20-19)15BBD					5005	8/1979	21	4984		ERTEC 79/UTSEO
(C-20-19)15BCC		1977	132	13	5010	/1977	23	4987	DOMESTIC	UTAH STATE ENG 79
(C-20-19)15BDB	GOODMAN	1950	52	6	5005	10/1950	19	4986		UTAH STATE ENG 79
(C-20-19)15CAA	SCHUMACHER	1945	56	24	5005	10/1950	13	4992		UTAH STATE ENG 79
(C-20-19)15CBA	AARONIC CORP.	1960	60	6	5010	12/1960	18	4992	DOMESTIC	UTAH STATE ENG 79
(C-20-19)15CCC			75		5025	5/1952	20	5005		UTAH STATE ENG 79
(C-20-19)16BDC	SCHUMAKER	1928	40	16	5025	9/1962	15	5010		HOOD ET AL 65
(C-20-19)19DCD	SHELL OIL	1956	100	7	5080	2/1978	41	5039		USGS 79
(C-20-19)21AAB			67		5020	5/1975	--		DRY	UTAH STATE ENG 79
(C-20-19)21ACC	LATHROP	1956	68	20	5025	2/1978	32	4993		USGS 79
(C-20-19)21B			66		5039		20	5019	IRRIGATION WELL	HOOD ET AL 65
(C-20-19)21BCC	AARONIC ORDER	1975	64	16	5030	5/1975	28	5002	IRRIGATION	UTAH STATE ENG 79
(C-20-19)30ABD			100		5100	5/1956	36	5064		UTAH STATE ENG 79
(C-20-20) 1DBB					5098	8/1979	34	5064		ERTEC 79/UTSEO
(C-20-20)12A			300		5098	11/1971	19	5079		UTAH STATE ENG 79
(C-21-17) 8DCC1	U.S.DIV.GRAZING	1935	316	6	5070	7/1935	224	4846		UTAH STATE ENG 79
(C-21-18)10CDD			66		5035		65	4970		HOOD ET AL 65
(C-21-18)12CCD	BLM	1958	205	6	5050		105	4945	STOCK	HOOD ET AL 65
(C-21-18)17ADD	BLM	1958	166	6	5040		52	4988	STOCK	HOOD ET AL 65
(C-21-18)17DB	U.S.AIR FORCE	1979	100	2	5060	3/1981	77	4983	OBSERVATION WELL	ERTEC
(C-21-18)20DAB	U.S.AIR FORCE	1980	200	2	5250	3/1981	--		DRY OBS. WELL	ERTEC
(C-21-19)16CCB	U.S.AIR FORCE	1979	100	2	5125	3/1981	90	5035	OBSERVATION WELL	ERTEC
(C-21-19)21AD	U.S.AIR FORCE	1979	100	2	5120	3/1981	--		DRY OBS. WELL	ERTEC
(C-21-19)31ACD	DEARDEN	1951	400	16	5200	7/1951	42	5158		UTAH STATE ENG 79
(C-21-19)31D	DEARDEN	1946	80	8	5210		30	5180	DOM & STOCK	HOOD ET AL 65
(C-21-19)31DDC	ROWLEY	1957	651	6	5215	10/1957	61	5154		UTAH STATE ENG 79
(C-22-16)18B	U.S.DIV.GRAZING	1935	550	6	5250		--		DRY	UTAH STATE ENG 79
(C-22-16)19B	BLM		680		5305		--		DRY	HOOD ET AL 65
(C-22-16)20			100		5340		--		DRY	HOOD ET AL 65
(C-24-18)20BCC	DAVIES	1950	360	6	5777	/1950	--		DRY	HOOD ET AL 65

Snake Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-24-18)27A	BLM		500		5870		--		DRY	HOOD ET AL 65
(C-24-18)29B	BLM		936		5850		--		DRY	HOOD ET AL 65
19N/69E-15C	ELDRIDGE	1953	28	6	7180	7/1953	10	7170		HOOD ET AL 65
15N/70E-25DDB	U.S.AIR FORCE	1979	100	2	5080	3/1981	16	5066	OBSERVATION WELL	ERTEC
14N/70E- 8DCD	U.S.AIR FORCE	1979	100	2	5500	3/1981	60	5440	OBSERVATION WELL	ERTEC
14N/70E-20	ROBISON	1974	100	8	5420	3/1974	53	5367		NV STATE ENG 79
14N/70E-27AD	BLM	1951	130	6	5240	7/1951	86	5154		HOOD ET AL 65
11N/62E- 4BB	HILL	1957	640	16	4970	/1957	F	> 4970	FLOWING WELL	HOOD ET AL 65

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-12-17)34BBD	WE	7-79		13.0	580	7.9	402	36	47	29	77
2	(C-12-17)34DBA	WE	7-79	HOWELL RANCH	15.0	1150	7.8	709	25	74	41	120
3	(C-12-18) 9DB	ST	8-79	GRANITE CREEK	14.0	62	7.7	44	12	7.7	1.5	4.1
4	(C-12-18)11BAA	ST	8-79	COTTONWOOD CREEK	15.5	220	8.7	202	22	25	5.3	17
5	(C-13-18)13ACC	WE	7-79		17.0	150	8.2	115	26	15	4.0	10.0
6	(C-13-18)28CCC	WE	10-69	PARTOUN SCH.WELL	--	897	7.6	541	--	48	23	110
7	(C-13-18)28CDD	WE	7-79		25.0	420	8.3	--	43	22	19	43
8	(C-13-18)28DA	WE	12-64	FREDS WELL	--	339	7.7	248	--	62	22	28
9	(C-13-18)30AB	SP	8-79	LIME SPRING	14.0	320	7.0	318	19	59	13	27
10	(C-13-18)35C	WE	10-69	NATHAN HALE WELL	--	489	7.8	308	--	35	6.6	--
11	(C-14-18) 3CDC	WE	7-79	NATHAN HALE RANCH	14.0	390	8.2	301	35	32	20	42
12	(C-14-18) 4BDB	WE	7-79		13.0	560	7.7	413	23	55	30	57
13	(C-14-18) 4CDD	WE	7-79		20.0	310	8.5	198	18	24	12	25
14	(C-14-18)17AAA	WE	7-79	HOWELL RANCH	13.0	145	8.2	204	21	33	9.2	20
15	(C-14-18)22BD	SP	7-79		13.0	960	7.5	765	47	88	47	110
16	(C-15-17) 8BAA	WE	-52		--	--	--	1960	--	86	8.0	580
17	(C-15-19)31BC	SP	7-79	WARM SPRINGS	26.0	520	8.1	251	29	51	18	29
18	(C-16-18)22CAB	SP	8-79	TWIN SPRING	20.0	520	6.8	436	21	61	30	60
19	(C-17-19) 4ADD	WE	7-72		16.0	428	7.3	236	16	33	14	34
20	(C-17-19) 4ADD	WE	7-73		16.0	428	7.3	228	--	36	1.9	--
21	(C-17-19) 4ADD	WE	7-74		15.5	425	--	--	--	--	--	--
22	(C-17-19) 4ADD	WE	7-75		17.0	375	--	--	--	--	--	--
23	(C-17-19) 4ADD	WE	7-76		15.0	460	7.6	261	15	39	15	37
24	(C-17-19) 4ADD	WE	9-78		18.0	430	--	--	--	--	--	--
25	(C-17-19) 4ADD	WE	7-79		17.0	460	8.0	250	--	--	--	--
26	(C-18-18)16ABB	SP	10-64		19.0	688	7.6	412	--	63	28	57
27	(C-18-18)16CAA	SP	8-79	KNOLL SPRINGS SOUTH	18.0	470	7.4	779	25	59	27	49
28	(C-18-19)29DDD2	WE	10-57	J.D.HILL WELL	23.0	327	--	186	--	28	9.0	28
29	(C-19-19)34ABD	WE	7-79		16.0	240	8.1	188	22	29	7.2	20
30	(C-19-19)35CDD	WE	7-79		11.0	370	--	306	31	49	22	23
31	(C-20-19) 6BCC	WE	11-64		13.0	359	7.4	--	--	38	14	17
32	(C-20-19) 6CBC	WE	8-79		15.0	260	8.1	203	16	37	15	13
33	(C-20-19) 7BBD	WE	11-54	SORENSON WELL	--	330	7.4	196	--	36	13	14
34	(C-20-19)14B	WE	11-27	QUATE WELL	--	--	--	240	--	47	19	16
35	(C-20-19)15BBD	WE	8-79		16.0	320	7.7	254	23	51	13	25
36	(C-20-19)21ADD	WE	8-79		13.0	335	7.7	233	17	36	13	21
37	(C-20-19)30ABC	WE	7-79		14.0	290	6.8	218	27	46	8.8	12
38	(C-21-17) 8DCB	WE	8-79		14.0	430	7.4	437	30	35	33	50
39	(C-21-18)17ADD	WE	8-79	8-MILE WELL	14.0	770	7.1	490	1.2	60	30	34
40	17N/70E- 9A	ST	8-79	SMITH CREEK	13.0	160	7.6	131	12	31	6.2	4.7
41	15N/70E- 1	ST	8-79	HENDRYS CREEK	15.5	250	7.8	187	11	52	6.3	4.7
42	11N/62E- 4BB	WE	7-79	GONDER RANCH	10.5	300	--	292	34	43	17	30

Snake Valley, Utah

SELECTED WATER QUALITY DATA

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.3	0	163	75	50	.5	.5	--	--	--	*1,*4	ERTEC 79
2	4.2	0	150	250	111	.2	6.4	--	--	--	*1,*4	ERTEC 79
3	39	0	15	1.5	6	.1	.1	--	--	--	*1,*4	ERTEC 79
4	1.2	0	121	11	9	.5	ND	--	--	--	*4	ERTEC 79
5	1.0	9	58	3.0	12	.1	.1	--	--	--	*1,*4	ERTEC 79
6		--	254	110	90	1.2	ND	200	--	--	*5	HOOD ET AL 65
7	3.2	0	195	12	21	.5	.6	--	--	--	*1	ERTEC 79
8		--	83	49	38	--	--	550	--	--	*5	HOOD ET AL 65
9	1.9	0	141	62	64	.7	ND	--	--	--	*4	ERTEC 79
10	--	--	68	20	250	.6	.4	30	--	--	*2	HOOD ET AL 65
11	3.5	0	233	21	28	.4	.3	--	--	--	*1,*4	ERTEC 79
12	2.9	0	272	66	42	.2	.5	--	--	--	*1,*4	ERTEC 79
13	1.7	0	165	17	17	.1	.3	--	--	--	*1,*4	ERTEC 79
14	1.3	0	112	42	19	ND	1.1	--	--	--	*1,*4	ERTEC 79
15	13	0	335	100	191	1.5	ND	--	--	--	*4	ERTEC 79
16		--	212	290	389	--	--	--	--	--	*5	HOOD ET AL 65
17	2.2	0	139	24	26	.5	.2	--	--	--	*1,*4	ERTEC 79
18	5.3	0	297	50	58	.5	.6	--	--	--	*1,*4	ERTEC 79
19	1.7	0	197	27	13	--	--	--	--	--	*4	USGS 79
20	--	0	192	25	13	--	--	--	--	--	*4	USGS 79
21	--	--	--	--	--	--	--	--	--	--		USGS 79
22	--	--	--	--	--	--	--	--	--	--		USGS 79
23	1.7	0	213	27	13	.2	--	70	10.0	ND	*4	USGS 79
24	--	--	--	--	--	--	--	--	--	--		USGS 79
25	--	--	--	--	--	--	--	--	--	--	*4	USGS 79
26		0	317	52	58	--	--	--	--	--	*2,*5	HOOD ET AL 65
27	4.9	0	271	230	247	1.1	.2	--	--	--	*1,*4	ERTEC 79
28		--	159	18	10	--	.9	--	--	--	*2,*5	HOOD ET AL 65
29	1.8	0	112	32	19	.1	.6	--	--	--	*1,*4	ERTEC 79
30	2.5	0	238	31	28	.3	.1	--	--	--	*1	ERTEC 79
31		0	160	31	16	--	--	--	--	--	*5	HOOD ET AL 65
32	1.1	0	166	21	16	.1	1.0	--	--	--	*1,*4	ERTEC 79
33		--	164	17	16	--	1.8	--	--	--	*2,*5	HOOD ET AL 65
34		--	232	15	15	--	.1	--	--	--	*2,*5	HOOD ET AL 65
35	2.6	0	196	31	14	.4	1.3	--	--	--	*1,*4	ERTEC 79
36	3.2	0	166	26	32	.2	.5	--	--	--	*1,*4	ERTEC 79
37	.9	4	160	22	16	.1	.2	--	--	--	*1,*4	ERTEC 79
38	6.9	0	191	68	116	2.2	.2	--	--	--	*1,*4	ERTEC 79
39	3.1	0	156	18	170	1.6	.6	--	--	--	*1,*4	ERTEC 79
40	.9	0	122	3.0	14	.1	ND	--	--	--	*4	ERTEC 79
41	.6	0	201	3.5	8	.1	ND	--	--	--	*4	ERTEC 79
42	2.2	0	199	25	40	.2	.1	--	--	--	*1,*4	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-12-18) 9DB	ST	GRANITE CREEK	8/1979	450	6800		ERTEC 79
(C-12-18)28CB	ST		8/1979	970	6600		ERTEC 79
(C-13-19)12AB	ST	WOODS CREEK	8/1979	850	6600		ERTEC 79
(C-14-18)22BD	SP		8/1979	10.0	4770	DISCHARGE EST.	ERTEC 79
(C-15-19)31BC	SP	WARM SPRINGS	11/1964	3600	5300	DISCHARGE EST.	HOOD ET AL 65
(C-15-19)31CB	ST	WARM CREEK	8/1979	6200	5300		ERTEC 79
(C-16-18)16DAD	SP	FOOTE RES. SPRINGS	10/1964	1300	4825	DISCHARGE EST.	HOOD ET AL 65
(C-16-18)22A	SP	BISHOP SPRING	/1911	2000	4850	STOCK & IRRIG.	SNYDER 63
(C-16-18)22CAB	SP	TWIN SPRING	10/1964	1800	4812	DISCHARGE EST.	HESS ET AL 78
(C-16-18)27A	SP	TWIN SPRING	/1911	0.0	4839	STCK & IRRIG/FLOW.	SNYDER 63
(C-16-19) 2BAA	SP	COLD SPRING		0.0	4855		HOOD ET AL 65
(C-17-19)21	SP	KELL SPRINGS	/1964	120	4910	DISCHARGE EST.	HOOD ET AL 65
(C-18-16)31	SP	CONGER SPRING		1.0	6760	DISCHARGE EST.	HOOD ET AL 65
(C-18-18) 8A	SP		10/1964	2.0	4853	DISCHARGE EST.	HOOD ET AL 65
(C-18-18)16ABB S	SP	KNOLL SPRINGS	10/1964	3.0	4870	DISCHARGE EST.	HOOD ET AL 65
(C-18-20)36	ST	HENDRYS CREEK	8/1979	380	5350		ERTEC 79
(C-22-19) 9	SP	BURBANK SPRING		0.0	5400	FLOWING	HOOD ET AL 65
17N/70E- 9A	ST	SMITH CREEK	8/1979	850	8000		ERTEC 79

Spring Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS				REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)		ELEV (FT)		
24N/66E-31CB	BLM	1966	211	6	6630	9/1966	140		6490		NV STATE ENG 79
23N/65E-10D1				80	6685	4/1960	65		6620		RUSH ET AL 65
23N/65E-14C1			140		6660		124		6536		RUSH ET AL 65
23N/66E- 7C1	HENROID		23	36	6480	8/1949	16		6464		RUSH ET AL 65
23N/66E-19A1	HENROID		30	6	6400	8/1949	20		6380		RUSH ET AL 65
23N/66E-31A1	HENROID		600	6	6380	7/1964	F	>	6380	FLOWING 50GPM	RUSH ET AL 65
23N/66E-31A2	HENROID	1945	49	8	6380	8/1949	17		6363		RUSH ET AL 65
23N/66E-31B1	HENROID		49	8	6370	8/1949	16		6354		RUSH ET AL 65
23N/66E-31B2	ANDERSON	1923	1040	8	6370	8/1949	F	>	6370	FLOWING 5GPM	RUSH ET AL 65
23N/66E-31C1	HENROID	1953	104	16	6370	6/1953	26		6344		NV STATE ENG 79
21N/66E- 4B1	DOUTRE			6	6070	7/1964	21		6049		RUSH ET AL 65
20N/66E-13AB	ELDRIDGE	1966	305	16	5770	6/1980	125		5645		ERTEC 80/NVSEO
20N/67E- 8D1			280		5780	4/1960	182		5598		RUSH ET AL 65
20N/67E-25BD					5720	6/1980	144		5576		ERTEC 80/NVSEO
20N/67E-26A1	ELDRIDGE		130	4	5700	6/1950	100		5600		RUSH ET AL 65
20N/67E-26A2	ELDRIDGE		123	20	5700	7/1964	121		5579		RUSH ET AL 65
19N/66E-11B1	ROBISON		400		5700	4/1960	41		5659		RUSH ET AL 65
19N/66E-14AB	ROBISON	1972	815	16	5620	9/1972	50		5570		NV STATE ENG 79
19N/67E-13AA	WITTS		53	8	5630	6/1980	49		5581		ERTEC 80/NVSEO
18N/66E- 1B	BATES	1953	68	6	5600	7/1953	20		5580		RUSH ET AL 65
18N/66E- 2A1		1962	60		5686	10/1962	31		5655		RUSH ET AL 65
18N/66E-25A1	ROBISON	1948	98	6	5600	11/1948	60		5540		RUSH ET AL 65
18N/66E-25A2	ROBISON	1950	190	6	5600	7/1950	26		5574		RUSH ET AL 65
18N/67E- 1C1	BATES			38	5570	7/1964	59		5511		RUSH ET AL 65
18N/68E-31A1	ELDRIDGE	1947	465	6	5580	3/1961	58		5522		NV STATE ENG 79
18N/68E-31A2	ELDRIDGE		80	5	5580	8/1949	45		5535		RUSH ET AL 65
17N/67E- 8BC	YELLAND				5570	6/1980	F	>	5570	FLOWING	ERTEC 80/NVSEO
17N/67E-28A1	BLM/ROGERS	1935	29	38	5560	6/1980	F	>	5560	FLOWING	ERTEC 80/NVSEO
17N/67E-30CB	PETERSON	1972	100		5690	8/1972	F	>	5690	FLOWING	NV STATE ENG 79
17N/68E- 6A1	BLM/ELDRIDGE		31	38	5570	8/1949	24		5546		RUSH ET AL 65
17N/68E- 6D1	ROBINSON	1951	500	16	5570	11/1964	29		5541		NV STATE ENG 79
17N/68E- 7A1	BLM/ELDRIDGE	1935	31	38	5560	7/1964	28		5532		RUSH ET AL 65
16N/66E-26A	BLM	1964	260	6	5950	12/1964	230		5720		NV STATE ENG 79
16N/67E- 3A1	ROGERS		16		5580	8/1949	3		5577	NO CASING	RUSH ET AL 65
16N/67E- 3A2	ROGERS BROS.	1950	317	6	5580	6/1980	4		5576		ERTEC 80/NVSEO
16N/67E-11AB	LAHM	1973	150	9	5635	5/1973	35		5600		NV STATE ENG 79
16N/67E-18A1	CHACHAS		16	48	5580	6/1980	3		5577		ERTEC 80/NVSEO
16N/67E-27D1	BLM/YELLAND		16	38	5630	6/1980	10		5620		ERTEC 80/NVSEO
16N/67E-40B	BLM	1970	160	6	5590	2/1970	F	>	5590	FLOWING	NV STATE ENG 79
15N/66E-24B1	BASTIAN RCH		82	6	5830	11/1964	20		5810		RUSH ET AL 65
15N/67E- 2DA	U.S.AIR FORCE	1980	185	2	5790	3/1981	152		5638	OBSERVATION WELL	ERTEC
15N/67E-19BA	BASTIAN RCH	1947	83	16	5700	6/1980	7		5693	ABANDONED	ERTEC 80/NVSEO
15N/67E-26CD					5720	6/1980	F	>	5720	FLOW <1GPM/ABND.	ERTEC 80/NVSEO
15N/67E-35BD	U.S.AIR FORCE	1980	200	2	5820	3/1981	23		5797	OBSERVATION WELL	ERTEC
14N/66E-24A1	BLM		27	36	5820	6/1980	25		5795		ERTEC 80/NVSEO
14N/66E-24CD	U.S.AIR FORCE	1980	160	2	5830	3/1981	39		5791	OBSERVATION WELL	ERTEC
14N/66E-25B1			61	24	5820	8/1944	24		5796		RUSH ET AL 65
14N/66E-34CD	DEPT OF HIGHWAYS	1968	452	10	6160	6/1980	338		5822		ERTEC 80/NVSEO
14N/67E- 7D1	EXPERIMENTAL FAR	1935	340	8	5800	11/1944	F	>	5800	FLOWING 182GPM	RUSH ET AL 65
14N/67E-15C1			600	14	5780	4/1960	12		5768		RUSH ET AL 65
14N/67E-15DB	CLARK MINING	1977	294	8	5949	6/1977	250		5699		NV STATE ENG 79
14N/67E-16DD	SPACE METALS	1970	200	14	5770	9/1970	30		5740		NV STATE ENG 79
14N/67E-21DC	COMSTOCK SIX PLA	1964	154		5750	5/1968	33		5717		NV STATE ENG 79
14N/67E-22CC	FRANDSEN	1969	238	16	5820	8/1969	64		5756		NV STATE ENG 79
14N/67E-27BC	S.P. VALLEY GOLD	1974	193	16	5860	2/1974	140		5720		NV STATE ENG 79
13N/66E- 5A1	BUZZ PIERCE	1955	45	6	6490	10/1955	15		6475		RUSH ET AL 65
13N/66E-13CC	U.S.AIR FORCE	1980	140	2	6000	11/1980	--			DRY OBS.WELL	ERTEC 80
13N/66E-25A1	BLM	1951	120	6	5950	1/1951	60		5890		RUSH ET AL 65
13N/67E- 8A1	SWALLOW	1936	45	38	5780	6/1980	14		5766	USGS OBSV.WELL	ERTEC 80/NVSEO
13N/67E-15D1	ROBISON	1948	290	16	5950	11/1964	73		5877		RUSH ET AL 65
13N/67E-15D2	ROBINSON		300	6	5900	8/1949	60		5840		RUSH ET AL 65
13N/67E-15DC	U.S.AIR FORCE	1980	160	2	6030	3/1981	94		5936	OBSERVATION WELL	ERTEC
13N/67E-16DC	HARBECKE	1972	272		5925	7/1971	72		5853		NV STATE ENG 79
13N/67E-17D1	BLM		120		5775	4/1960	53		5722		RUSH ET AL 65
13N/67E-22A1					5770	4/1960	70		5700		RUSH ET AL 65
13N/67E-22AD	RASMASEN	1972	300	8	5860	2/1972	60		5800		NV STATE ENG 79
13N/67E-22BA	HARBECKE	1968	550	10	5852	1/1968	58		5794		NV STATE ENG 79
13N/67E-22D1	YELLAND	1949	63	6	5830	8/1949	25		5805		RUSH ET AL 65
13N/67E-26BB	SWALLOW	1972	100	6	5845	6/1980	65		5780		ERTEC 80/NVSEO
13N/67E-26BD	LARSON	1964	330	14	5818	12/1964	28		5790		NV STATE ENG 79
13N/67E-26DC	ELDRIDGE	1967	300		5850	6/1967	48		5802		NV STATE ENG 79
13N/67E-31D2	DOYLE				5788	4/1960	23		5765		RUSH ET AL 65
13N/67E-33D1		1949	456	16	5775	6/1980	6		5769		ERTEC 80/NVSEO
13N/67E-34A1					5780	7/1964	F	>	5780	FLOWING 5GPM	RUSH ET AL 65
13N/67E-34AA	LARSON	1966	915	3	5780	7/1966	14		5766		NV STATE ENG 79
13N/67E-35C1	BLM			6	5800	8/1949	F	>	5800	FLOWING 50GPM	RUSH ET AL 65
13N/67E-35D1	BLM		396	6	5830	7/1964	F	>	5830	FLOWING 5GPM	RUSH ET AL 65
12N/66E-21CD	BLM	1966	631	8	6365	9/1966	564		5801		NV STATE ENG 79
12N/66E-26	BLM	1967	650		5980	1/1967	590		5390		NV STATE ENG 79
12N/67E- 2A					5800	6/1980	F	>	5800	FLOWING 36GPM	ERTEC 80/NVSEO
12N/67E- 2A1	BLM	1935	407	6	5800	6/1980	F	>	5800	FLOWING 50GPM	ERTEC 80/NVSEO
12N/67E- 2A2	FISH AND GAME	1949	194	12	5800	3/1950	F	>	5800	FLOWING 1GPM	RUSH ET AL 65
12N/67E- 2A3	BLM	1935	750	8	5800	3/1950	F	>	5800	FLOWING <1GPM	RUSH ET AL 65
12N/67E- 2A4	BLM		283	6	5800	3/1950	F	>	5800	FLOWING 45GPM	RUSH ET AL 65
12N/67E- 2A5	FISH & GAME	1949	194	12	5800	3/1950	F	>	5800	FLOWING 40GPM	RUSH ET AL 65
12N/67E- 3B1		1935	30	60	5770	8/1953	8		5762	USGS OBSV.WELL	RUSH ET AL 65
12N/67E- 8A1		1938	45	39	5750		20		5730		RUSH ET AL 65
12N/67E-11A1	YELTON		21	36	5800	8/1949	12		5788		RUSH ET AL 65
12N/67E-11A2	YELTON		10	24	5820	8/1949	6		5794		RUSH ET AL 65
12N/67E-12CA	BRANSFORD	1976	190	13	5920	6/1980	31		5889		ERTEC 80/NVSEO

Spring Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS				REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)		ELEV (FT)		
12N/67E-12D1	KIRKEBY		300	6	5920	5/1949	14		5906		RUSH ET AL 65
12N/67E-12D2	KIRKEBY		21	48	5920	5/1949	14		5906		RUSH ET AL 65
12N/67E-12D3	KIRKEBY	1959	185		5940	7/1959	50		5890		NV STATE ENG 79
12N/67E-13A1	KIRKEBY	1955	90	6	5850	10/1955	8		5842		NV STATE ENG 79
12N/67E-13B1	KIRKEBY	1959	220	6	5820	7/1959	F	>	5820	FLOWING 59GPM	NV STATE ENG 79
12N/67E-13DD	SWALLOW	1970	220	16	5890	6/1980	44		5846		ERTEC 80/NVSEO
12N/67E-24B1	KIRKEBY		155	8	5840	7/1959	F	>	5840	FLOWING 79GPM	RUSH ET AL 65
12N/67E-24CD	SWALLOW		300		5850	6/1980	26		5824		ERTEC 80/NVSEO
12N/67E-26AA	SWALLOW	1960			5780	6/1980	19		5761		ERTEC 80/NVSEO
12N/67E-27B1	KIRKEBY	1955	30		5751	10/1955	13		5738		NV STATE ENG 79
12N/67E-31DD	RHODES	1964	456	16	5755	4/1964	15		5740		NV STATE ENG 79
11N/66E- 1AB	RHODES	1964		16	5780	6/1980	F	>	5780	FLOWING <1GPM	ERTEC 80/NVSEO
11N/66E-15CA	U.S.AIR FORCE	1980	200	2	6000	3/1981	--			DRY OBS.WELL	ERTEC
11N/66E-23AB	U.S.AIR FORCE	1979	101	2	5830	3/1981	47		5783	OBSERVATION WELL	ERTEC
11N/66E-24A1			28	42	5770	6/1980	19		5751		ERTEC 80/NVSEO
11N/66E-24D			28		5765	6/1980	19		5746		ERTEC 80/NVSEO
11N/66E-35DB	HECKETHORNE	1959	240	6	5784	6/1980	F	>	5784	FLOW. 2.5GPM/ABND.	ERTEC 80/NVSEO
11N/67E- 1BC	SWALLOW BROS		54	4	5790	6/1980	F	>	5790	FLOWING 6GPM	ERTEC 80/NVSEO
11N/67E- 1C1	SWALLOW BROS.	1935	353	8	5820	6/1980	F	>	5820	FLOWING	ERTEC 80/NVSEO
11N/67E-13B1	BLM	1935	15	38	5800	10/1935	7		5793		RUSH ET AL 65
11N/67E-13DC	SWALLOW	1964	450	14	5780	9/1964	10		5770		NV STATE ENG 79
11N/68E-19DC	U.S.AIR FORCE	1980	200	2	5950	3/1981	94		5856	OBSERVATION WELL	ERTEC
11N/68E-29BA	C.M. REDUC. CO.	1935	353	8	6110	11/1953	250		5860		RUSH ET AL 65
11N/68E-31C1	BLM-SWALLOW	1935	80	38	5870	7/1964	71		5799		RUSH ET AL 65
10N/67E- 7BA	U.S.AIR FORCE	1980	200	2	5820	3/1981	84		5736	OBSERVATION WELL	ERTEC
10N/67E-16A1	BLM	1945	54	38	5840		45		5795	DUG WELL	NV STATE ENG 79
10N/67E-22AA	U.S.AIR FORCE	1979	100	2	5880	3/1981	67		5813	OBSERVATION WELL	ERTEC
10N/67E-26BB	U.S.AIR FORCE	1980	200	2	5900	3/1981	17		5883	OBSERVATION WELL	ERTEC
10N/68E-29CC		1980			5930	6/1980	157		5773		ERTEC 80/NVSEO
10N/68E-31CD	U.S.AIR FORCE	1980	150	2	5900	3/1981	120		5780	OBSERVATION WELL	ERTEC
10N/68E-36DA	GEYSER RCH	1965	468	14	6500	5/1965	60		6440		NV STATE ENG 79
9N/68E-21DC	U.S.AIR FORCE	1979	101	2	5930	3/1981	--			DRY OBS.WELL	ERTEC
9N/68E-30AB1	U.S.AIR FORCE	1980	710	10	5999	9/1980	229		5770	TEST WELL	ERTEC 80
9N/68E-30AB2	U.S.AIR FORCE	1980	710	2	5991	9/1980	219		5772	OBSERVATION WELL	ERTEC 80
8N/68E-15BD			495	6	6180	6/1980	408		5772		ERTEC 80/NVSEO

Spring Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	23N/66E-31A1	WE	6-80		12.0	309	--	--	--	24	7.4	34
2	19N/67E-13AA	WE	6-80		12.0	460	7.5	288	34	39	17	35
3	18N/66E-25A1	WE	6-80		12.0	112	--	--	--	10.0	3.6	12
4	18N/67E- 1C1	WE	7-66		12.0	975	8.1	--	--	47	26	120
5	17N/66E- 3AB	ST	6-80	MC COY CREEK	9.0	--	--	--	8.0	2.1	1.7	2.3
6	17N/66E-15AC	ST	6-80	TAFT CREEK	6.0	--	7.3	3	5.0	2.0	.7	1.0
7	16N/65E-13A1	SP	7-66		13.0	287	7.8	--	--	38	7.8	15
8	16N/66E-34BA	ST	6-80	CLEAVE CREEK	12.0	--	8.0	35	8.0	12	3.2	1.7
9	16N/67E- 3A2	WE	6-80		16.0	575	7.3	285	20	56	27	20
10	16N/67E-27D	WE	7-66		16.0	911	8.0	--	--	58	30	110
11	15N/65E-21AC	SP	6-80	EASTAIN SPRING	11.0	--	8.2	147	8.0	53	7.0	3.7
12	15N/68E- 3B	WE	7-66		12.0	626	8.0	--	--	65	33	21
13	14N/66E-24A1	WE	7-66		12.0	499	7.8	--	--	48	26	22
14	14N/67E-16DD	WE	6-80		13.0	--	8.2	236	23	26	10	43
15	13N/67E-15D1	WE	6-80		19.0	161	--	--	--	17	3.3	14
16	13N/67E-19D	WE	7-66		12.0	395	8.2	--	--	39	22	12
17	13N/67E-33D	WE	7-66		14.0	750	8.5	--	--	61	14	32
18	13N/67E-35D1	WE	7-66		23.0	158	--	--	--	18	1.0	16
19	13N/68E-17CB	ST	6-80	PINE CREEK	10.0	--	7.6	14	9.0	4.6	2.6	2.5
20	13N/68E-32DB	ST	6-80	WILLIAMS CREEK	6.5	--	7.6	9	10.0	3.2	1.7	2.0
21	12N/67E- 2A	WE	6-80		23.0	--	8.0	71	22	20	2.7	9.2
22	11N/66E-35DB	WE	6-80		12.0	--	8.3	160	15	30	21	7.8
23	11N/67E- 18C	WE	6-80		11.0	--	8.2	144	11	47	10	3.8
24	11N/68E- 4C	SP	6-80	WALLOW SPRING	9.0	--	8.0	137	5.0	48	8.8	1.4
25	9N/67E-27A1	SP	7-66		21.0	336	7.9	--	--	24	6.8	18
26	9N/68E-30AB1	WE	9-80	USAF TEST WELL	15.0	--	--	193	57	24	12	9.6
27	9N/68E-30AB1	WE	9-80	USAF TEST WELL	15.0	--	--	193	57	24	12	9.6

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	--	0	141	16	22	--	--	--	--	--		RUSH ET AL 65
2	2.9	0	200	13	56	.3	.7	--	--	--	*1	ERTEC 80
3	--	0	63	5.0	3	--	--	--	--	--		RUSH ET AL 65
4	--	0	264	85	148	--	--	--	--	--		RUSH ET AL 65
5	.4	--	--	2.8	2	.1	ND	--	--	--		ERTEC 80
6	.4	--	--	1.0	ND	.2	.1	--	--	--	*1	ERTEC 80
7	--	0	172	4.7	12	--	--	--	--	--		RUSH ET AL 65
8	.4	--	--	.9	6	ND	ND	--	--	--		ERTEC 80
9	1.5	0	360	14	ND	.2	.1	--	--	--	*1	ERTEC 80
10	--	0	521	23	36	--	--	--	--	--		RUSH ET AL 65
11	.5	--	--	2.2	5	ND	.3	--	--	--	*1	ERTEC 80
12	--	0	346	23	26	--	--	--	--	--		RUSH ET AL 65
13	--	0	220	19	63	--	--	--	--	--		RUSH ET AL 65
14	2.6	--	176	25	46	.3	.5	--	--	--	*1	ERTEC 80
15	--	0	84	7.0	7	--	--	--	--	--		RUSH ET AL 65
16	--	0	204	8.0	34	--	--	--	--	--		RUSH ET AL 65
17	--	16	239	80	52	--	--	--	--	--		RUSH ET AL 65
18	--	0	88	3.5	5	--	--	--	--	--		RUSH ET AL 65
19	.4	--	--	1.8	4	.1	ND	--	--	--		ERTEC 80
20	.5	--	--	1.2	2	.3	.0	--	--	--		ERTEC 80
21	1.1	--	--	2.6	4	ND	.2	--	--	--	*1	ERTEC 80
22	1.2	--	--	5.4	12	.4	.8	--	--	--	*1	ERTEC 80
23	.6	--	--	1.5	6	.1	.5	--	--	--	*1	ERTEC 80
24	.4	--	--	1.1	4	.1	.0	--	--	--		ERTEC 80
25	--	0	122	11	11	--	--	--	--	--		RUSH ET AL 65
26	3.3	--	133	12	8	.3	1.1	--	20	ND	*1	ERTEC 80
27	3.3	--	--	12	8	.2	1.1	--	20	10.0	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Spring Valley, Nevada

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
22N/66E-32	ST	SEIGEL CREEK	7/1964	890	6200		RUSH ET AL 65
21N/65E-23	ST	NORTH CREEK	7/1964	1000	7000		RUSH ET AL 65
20N/66E- 7	ST	MUNCY CREEK	7/1964	1900	7000		RUSH ET AL 65
20N/66E-30C	ST	KALAMAZOO CR.	6/1980	1800	6800		ERTEC 80
18N/66E-10	ST	BASSETT CREEK	1/1980	1400	6200		USGS 80
17N/66E- 3AB	ST	MC COY CREEK	6/1980	9500	7000		ERTEC 80
17N/66E-15AC	ST	TAFT CREEK	6/1980	5800	7200		ERTEC 80
17N/67E-25CA	SP	SO. MULICK SPR.		200	5600	DISCHARGE EST.	MIFFLIN 68
16N/66E-34BA	ST	CLEAVE CREEK	6/1980	12000	6240		USGS 80
15N/66E-21AC	SP	BASTAIN SPRING	6/1980	1700	6640	DISCHARGE EST.	ERTEC 80
13N/68E-17CB	ST	PINE CREEK	6/1980	2600	6880		ERTEC 80
13N/68E-32DB	ST	WILLIAMS CREEK	6/1980	4600	7220	DISCHARGE EST.	ERTEC 80
11N/67E- 1A	SP	SHOESHONE SPR.	4/1960	2.0	5780		RUSH ET AL 65
11N/67E- 1BC S	SP	SHOESHONE SPR.	6/1980	6.0	5775		ERTEC 80
11N/67E- 1CD	SP	SHOESHONE SPR.		300	5800	DISCHARGE EST.	MIFFLIN 68
11N/67E-12DA	SP	MINENA SPRING	6/1980	300	6160	DISCHARGE EST.	ERTEC 80
11N/68E- 4C	SP	WALLOW SPRING	6/1980	42000	6400	DISCHARGE EST.	ERTEC 80
11N/68E- 5CA	SP		6/1980	360	6080		ERTEC 80

Steptoe Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
15N/64E- 7A	SORENSON	1946	200	16	6510	7/1965	38	6472		EAKIN ET AL 67
15N/64E- 8CC	CUMMINGS		24		6520	8/1918	19	6501		EAKIN ET AL 67
15N/64E-17BA	THREE C RANCH	1961	203	20	6560	6/1980	6	6554		ERTEC 80/NVSEO
15N/64E-17BA1	THREE C RANCH	1906	120	20	6560	6/1980	6	6554		ERTEC 80/NVSEO
15N/64E-17C	C.B.LAND & CA.CO			20	6550	7/1965	15	6535		EAKIN ET AL 67
15N/64E-18BA	U.S.AIR FORCE	1980	190	2	6610	3/1981	64	6546	OBSERVATION WELL	ERTEC
15N/64E-21CBC	ARGUS MILL				6560	6/1980	11	6549		ERTEC 80/NVSEO
15N/64E-28DCD					6560	6/1980	11	6549		ERTEC 80/NVSEO
15N/64E-34C1	CUMMINGS		17		6565	7/1965	14	6551	DUG WELL	EAKIN ET AL 67
15N/64E-34C2	ROBINSON	1964	38	6	6580	7/1965	13	6567		EAKIN ET AL 67
15N/64E-34DB	U.S.AIR FORCE	1980	150	2	6640	3/1981	76	6564	OBSERVATION WELL	ERTEC
15N/64E-35A	U.S.AIR FORCE	1980	200	2	6740	3/1981	158	6582	OBSERVATION WELL	ERTEC
14N/63E-36BAC				6	7040	6/1980	35	7005	WARD CHARCL.OVENS	ERTEC 80/NVSEO
14N/64E- 6AA	U.S.AIR FORCE	1980	200	2	6690	3/1981	135	6555	OBSERVATION WELL	ERTEC
14N/64E-14AA	U.S.AIR FORCE	1980	200	2	6760	3/1981	159	6601	OBSERVATION WELL	ERTEC
14N/64E-15BD	U.S.AIR FORCE	1980	150	2	6630	3/1981	51	6579	OBSERVATION WELL	ERTEC
14N/64E-19DA	U.S.AIR FORCE	1980	200	2	6720	3/1981	86	6634	OBSERVATION WELL	ERTEC
14N/64E-36A	BLM	1954	284	6	6860	7/1965	165	6695		EAKIN ET AL 67
14N/65E-29BCC	BLM	1964	505	6	7040	6/1980	423	6617		ERTEC 80/NVSEO
13N/64E- 1CC	U.S.AIR FORCE	1980	200	2	6860	3/1981	--		DRY OBS.WELL	ERTEC
13N/64E- 2DDB					6820	6/1980	34	6786		ERTEC 80/NVSEO
13N/64E- 6BA	U.S.AIR FORCE	1980	200	2	6800	3/1981	27	6773	OBSERVATION WELL	ERTEC
13N/64E- 9D	BLM	1956	216	6	6757	7/1965	148	6609		EAKIN ET AL 67
13N/64E-15C	BLM		202	6	6780	5/1977	176	6604		USGS 79
13N/64E-22CB		1943	202	6	6788	7/1965	142	6646		EAKIN ET AL 67
12N/63E-12BA1	U.S.AIR FORCE	1980	2447	6	7360	1/1981	427	6933	CARB.TEST WELL	ERTEC
12N/64E- 5DDA					6914	6/1980	72	6842		ERTEC 80

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	16N/63E-15DAC	WE	6-80	ELY CITY WELL	14.0	300	7.7	229	.0	34	23	11
2	16N/63E-20A	SP	4-63		14.0	374	7.6	--	--	49	18	3.5
3	16N/63E-29ABA	SP	6-80	MURPY SPRING	5.5	320	7.5	203	9.5	36	23	4.0
4	15N/63E-16DDD	SP	6-80	LOWRY SPRING	10.0	460	7.2	--	11	91	5.1	5.1
5	15N/64E- 5D3C	SP	6-80		11.0	400	7.6	--	19	43	20	14
6	15N/65E-10BDD	SP	6-80	CAVE SPRING	8.0	420	7.1	--	7.7	48	23	7.1
7	15N/65E-10D1	ST	10-65		--	305	8.0	--	--	32	18	11
8	14N/63E-35A	SP	9-65	WILLOW CK. SPRS.	12.0	225	8.1	--	--	25	16	7.8
9	14N/63E-36AAB	ST	5-79	WILLOW CREEK	12.0	--	8.5	297	--	28	--	.5
10	14N/64E- 9D	WE	6-80		10.0	340	7.8	--	24	37	22	7.9
11	14N/64E-36A	WE	7-65		16.0	332	8.2	--	--	31	20	8.7
12	13N/63E- 8	SP	5-79	MAHOGANY SPR.	13.0	--	8.3	140	--	5.4	--	3.0
13	13N/63E-10B	SP	5-79	MARTIN SPRING	11.0	--	8.0	363	--	41	--	1.4
14	13N/64E- 2DDB	WE	6-80		10.0	360	7.9	--	41	42	17	13
15	13N/64E- 9D	WE	7-65		16.0	379	8.2	--	--	39	28	5.5
16	13N/64E-22C	WE	6-80		10.0	650	7.6	493	73	32	19	110
17	13N/64E-22CBC	WE	6-80	HORSECAMP WELL	15.0	380	6.6	325	.0	32	28	8.4
18	13N/65E-10BA2	SP	6-80	ROSEBUD SPRING	7.0	420	7.4	--	8.0	59	19	9.0
19	12N/63E- 1D1	SP	10-65		11.0	296	8.0	--	--	48	8.8	12
20	12N/63E- 2	SP	5-79	S.WHITE ROCK SPR.	12.0	--	8.5	306	--	32	--	1.3
21	12N/63E-12BA	SP	1-81	JONES SPRING	11.0	495	7.5	302	26	62	14	16
22	12N/63E-35BAB	SP	5-79	JONES SPRING	11.0	--	8.0	312	--	28	--	4.7
23	12N/64E-29DCD	SP	6-80		10.0	328	7.9	--	24	49	8.3	10.0
24	12N/65E-17D	SP	5-79	HORSECAMP SPRING	9.0	--	7.6	361	--	27	--	2.2
25	12N/65E-17D8C	SP	6-80	HORSECAMP SPRING	9.5	500	7.3	--	38	85	12	12
26	11N/63E- 2	SP	5-79	BULLWACKER SPR.	8.0	--	7.3	365	--	32	--	5.1
27	11N/63E- 4ABA	SP	6-80	HOLE-IN-BANK SPRING	12.0	320	7.4	--	48	43	11	14
28	11N/64E-12DCA	SP	6-80	LOWER SPRING	16.0	320	8.4	--	18	53	13	9.9
29	11N/65E- 7	SP	5-79	CATTLE CAMP SPR.	10.0	--	7.6	303	--	25	--	1.8

Steptoe Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	2.5	0	204	7.6	14	.1	.7	--	--	--	*1	ERTEC 80
2	.7	0	232	1.3	9	.2	2.5	100	--	--	*2	EAKIN ET AL 67
3	.7	0	228	3.5	9	.1	.6	--	--	--	*1	ERTEC 80
4	.8	0	296	8.8	21	.3	1.2	--	--	--	*1	ERTEC 80
5	1.7	0	235	12	14	.1	1.3	--	--	--	*1	ERTEC 80
6	1.0	0	252	12	12	.2	.3	--	--	--	*1	ERTEC 80
7		0	175	4.8	28	--	--	--	--	--	*5	EAKIN ET AL 67
8		0	143	4.6	15	--	--	--	--	--	*5	EAKIN ET AL 67
9	2.6	0	230	3.5	2	--	.1	--	--	ND	*1	ERTEC 79
10	1.9	0	216	14	12	.3	2.8	--	--	--	*1	ERTEC 80
11		0	174	11	20	--	--	--	--	--	*5	EAKIN ET AL 65
12	2.8	0	110	5.0	10	--	.6	--	--	ND	*1	ERTEC 79
13	1.6	0	280	4.2	3	--	.7	--	--	ND	*1	ERTEC 79
14	6.4	0	168	27	40	.4	4.6	--	--	--	*1	ERTEC 80
15		0	228	10.0	22	--	--	--	--	--	*5	EAKIN ET AL 67
16	10.0	0	344	31	64	.8	1.2	--	--	--	*1	ERTEC 80
17	1.3	0	212	8.8	16	.2	2.1	--	--	--	*1	ERTEC 80
18	.5	0	256	11	26	.4	.1	--	--	--	*1	ERTEC 80
19		0	183	4.2	25	--	--	--	--	--	*5	EAKIN ET AL 67
20	1.3	40	180	4.4	10	--	.2	--	--	ND	*1	ERTEC 79
21	4.3	1	223	17	50	.2	1.3	--	150	ND	*1	ERTEC
22	3.4	0	220	8.6	27	--	.3	--	--	390	*1	ERTEC 79
23	2.2	0	184	8.8	12	.2	4.6	--	--	--	*1	ERTEC 80
24	2.7	20	260	7.9	13	--	.6	--	--	ND	*1	ERTEC 79
25	4.8	0	325	16	18	.3	.3	--	--	--	*1	ERTEC 80
26	2.7	0	200	9.7	36	--	1.0	--	--	110	*1	ERTEC 79
27	3.9	0	196	6.7	10	.2	.7	--	--	--	*1	ERTEC 80
28	1.8	0	200	16	12	.4	2.3	--	--	--	*1	ERTEC 80
29	1.9	0	200	3.5	1	--	.3	--	--	ND	*1	ERTEC 79

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DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
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SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
15N/63E-16DDD	SP	LOWRY SPRING	6/1980	8.0	7640		ERTEC 80
15N/64E- 5DBC	SP		6/1980	3.0	6480	DISCHARGE 2-5GPM	ERTEC 80
15N/64E-12ADA	ST	STEPTOE CK.	6/1980	15000	7020		ERTEC 80
15N/64E-14CAA	ST	STEPTOE CK	6/1980	16000	6800		ERTEC 80
15N/64E-17BAA	ST	STEPTOE CK.	6/1980	3000	6560	DISCHARGE EST.	ERTEC 80
15N/64E-28B1	SP	COMINS LK. SPRS.	9/1965	160	6550		EAKIN ET AL 67
15N/64E-29A	SP	COMINS LK. SPRS.	9/1965	160	6550		EAKIN ET AL 67
15N/65E- 5C	ST	N.FORK STEPTOE CK.	9/1965	2400	7200		EAKIN ET AL 67
15N/65E-10BDD	SP	CAVE SPRING	6/1980	100	7600	DISCHARGE EST.	ERTEC 80
14N/63E- 3DAA	ST		6/1980	20	7600		ERTEC 80
14N/63E-35A	SP	WILLOW CK. SPRS.	9/1965	630	7360	DISCHARGE EST.	EAKIN ET AL 67
14N/63E-36AAB	ST	WILLOW CREEK	6/1980	500	6900	DISCHARGE EST.	ERTEC 80
13N/63E-14D	SP	CABIN SPRING	9/1965	4.5	7320		EAKIN ET AL 67
13N/63E-14DAD	ST		6/1980	12	7200	DISCHARGE EST.	ERTEC 80
13N/65E-10BAB	SP	ROSEBUD SPRING	6/1980	16	7560		ERTEC 80
12N/63E- 1B	SP	WHITE ROCK SPR.	9/1965	1.5	7600		EAKIN ET AL 67
12N/63E- 2D	SP	WHITE ROCK SPR.	9/1965	1.5	7800		EAKIN ET AL 67
12N/63E-12A	SP	WHITE ROCK SPR.	9/1965	1.5	7400		EAKIN ET AL 67
12N/63E-12DBA	SP		6/1980	1.0	7300	DISCHARGE <1GPM	ERTEC 80
12N/63E-35BAB	SP	JONES SPRING	6/1980	1.0	7400	DISCHARGE EST.	ERTEC 80
12N/65E-11C	SP	COLD SPRING	9/1965	4.5	8500	ELEV. EST.	EAKIN ET AL 67
12N/65E-17DBC	SP	HORSECAMP SPRING	6/1980	1.0	7600	DISCHARGE <1GPM	ERTEC 80
12N/65E-21B	SP	HORSE CORRALS	9/1965	32	8000	ELEV. EST.	EAKIN ET AL 67
12N/65E-27A	SP	UPPER CAT.CAMP SPR.	9/1965	4.5	8200	ELEV. EST.	EAKIN ET AL 67
11N/63E- 4ABA	SP	HOLE-IN-BANK SPRING	6/1980	4.0	7880		ERTEC 80
11N/64E- 7DBD	SP		6/1980	1.0	7190	DISCHARGE <1GPM	ERTEC 80
11N/64E-12DCA	SP	LOWER SPRING	6/1980	3.0	7320		ERTEC 80

Stone Cabin Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
5N/48E- 8CC	U.S.AIR FORCE	1980	200	2	5900	3/1981	66	5834	OBSERVATION WELL	ERTEC
4N/47E-12BC	U.S.AIR FORCE	1980	200	2	5875	3/1981	92	5783	OBSERVATION WELL	ERTEC
4N/48E-14BB	U.S.AIR FORCE	1980	200	2	5700	3/1981	152	5548	OBSERVATION WELL	ERTEC
4N/49E-32AC	JOHN CASEY		380	6	5850	9/1980	321	5529		ERTEC 80/NVSEO
3N/46E-10C				3	5800	6/1962	29	5771		EAKIN 62
3N/48E-29C				16	5550	9/1980	99	5451		ERTEC 80/NVSEO
3N/48E-32B	JOHN CASEY		150	6	5540	9/1980	109	5431		ERTEC 80/NVSEO
2N/47E-13DC	U.S.AIR FORCE	1980	200	2	5495	2/1981	86	5409	OBSERVATION WELL	ERTEC
1N/46E- 4AD	U.S.AIR FORCE	1980	201	2	5400	3/1981	147	5253	OBSERVATION WELL	ERTEC
1N/46E- 9AC	JOHN CASEY		184	6	5385	6/1962	128	5257		EAKIN 62
1N/46E-25C				8	5365	9/1980	111	5254		ERTEC 80/NVSEO
1N/46E-31CD		1959	117	6	5295	2/1963	78	5217		THORDARSON ETAL 71
1N/46E-31D	JOHN CASEY		117	6	5290	5/1956	90	5200		EAKIN 62
1N/47E-30AB	JOHN CASEY			14	5400	9/1980	102	5298		ERTEC 80/NVSEO

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	5N/46E-28CD	SP	9-80	WARM SPRING	27.0	295	10.0	184	69	.5	.2	63
2	5N/47E-13BC	SP	9-80	POINT OF ROCK	20.0	690	8.1	--	--	--	--	--
3	5N/47E-26C	SP	9-80	SIDEHILL SPRING	19.0	230	6.8	197	69	24	5.2	25
4	4N/46E-35BB	SP	9-80	MUD SPRING	13.0	470	7.3	384	67	21	15	73
5	4N/47E-10AA	SP	9-80	FOUR MILE	21.0	280	6.8	--	--	--	--	--
6	4N/48E-17	SP			--	--	--	--	--	23	2.1	36
7	2N/47E-14AC	SP	7-67		29.0	1560	7.8	945	25	--	--	280
8	2N/47E-14AC	SP	9-80		21.0	1250	6.6	986	25	43	26	230
9	1N/47E-30AB	SE	7-80	REEDS RANCH	18.0	320	7.2	274	72	23	2.7	48

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	5.5	0	134	10.0	15	.5	.5	--	15	ND	*1	ERTEC 80
2	--	--	--	--	--	--	--	--	--	--		ERTEC 80
3	5.5	0	130	10	15	.5	.5	--	20	ND	*1	ERTEC 80
4	8.0	0	224	24	50	.7	.6	--	200	20	*1	ERTEC 80
5	--	--	--	--	--	--	--	--	--	--		ERTEC 80
6	7.8	0	130	13	19	.5	2.4	ND	--	--	*2	EAKIN 62
7	27	--	702	36	222	6.2	.7	610	--	--	*2	EAKIN 62
8	30	0	733	4.2	242	6.1	ND	--	800	300		ERTEC 80
9	7.0	0	146	18	37	1.0	1.4	--	600	10.0	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
6N/47E-25D	SP	WARM SPRING	9/1980	10.0	6230	DISCHARGE EST.	ERTEC 80
5N/46E-28CD	SP	WARM SPRING	9/1980	4.0	6500	DISCHARGE EST.	ERTEC 80
5N/47E-13BC	SP	POINT OF ROCK	9/1980	5.0	6040		ERTEC 80
5N/47E-26C	SP	SIDEHILL SPRING	9/1980	10.0		DISCHARGE EST.	ERTEC 80
4N/46E-35BB	SP	MUD SPRING	9/1980	24	6050		ERTEC 80
4N/47E-10AA	SP	FOUR MILE	9/1980	2.0	6100	DISCHARGE EST.	ERTEC 80
4N/48E- 8DD	ST		9/1980	280	5800		ERTEC 80
2N/47E-14AC	SP		9/1980	1.0	5600	DISCHARGE <1GPM	ERTEC 80

Tule Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-13-15)23CCB		1935	578	6	4890	2/1935	520	4370		STEPHENS 77
(C-13-15)35CDD	RAWLINGS	1972	200	10	4800	6/1972	27	4773		UTAH STATE ENG 79
(C-15-14)22DDD		1972	300	6	4545	3/1972	148	4397		STEPHENS 77
(C-15-15)30AC	U.S.AIR FORCE	1979	185	2	4522	3/1981	145	4377	OBSERVATION WELL	ERTEC
(C-15.5-15)33DA	U.S.AIR FORCE	1979	92	2	4532	3/1981	--		DRY OBS.WELL	ERTEC
(C-16-14)15AC	U.S.AIR FORCE	1979	202	2	4497	3/1981	78	4419	OBSERVATION WELL	ERTEC
(C-16-16)34BCD		1973	260	6	4790	8/1979	146	4644		ERTEC 79/UTSEO
(C-16-16)34BDB	U.S.AIR FORCE	1979	200	2	4790	3/1981	146	4644	OBSERVATION WELL	ERTEC
(C-17-14) 3DB	U.S.AIR FORCE	1979	200	2	4431	3/1981	7	4424	OBSERVATION WELL	ERTEC
(C-17-14) 9ACD	U.S.AIR FORCE	1979	200	2	4506	3/1981	78	4428	OBSERVATION WELL	ERTEC
(C-17-15)17CA1	U.S.AIR FORCE	1980	409	10	4473	4/1981	47	4426	TEST WELL	ERTEC
(C-17-15)17CA2	U.S.AIR FORCE	1980	311	2	4479	4/1981	53	4426	OBSERVATION WELL	ERTEC
(C-17-15)19DDD	U.S.AIR FORCE	1979	190	2	4450	3/1981	--		DRY OBS.WELL	ERTEC
(C-17-15)25CBB	PETERSON	1953	42	6	4433	4/1976	5	4428		STEPHENS 77
(C-17-15)29DB	U.S.AIR FORCE	1979	200	2	4585	3/1981	169	4416	OBSERVATION WELL	ERTEC
(C-17-15)34CA	U.S.AIR FORCE	1979	201	2	4455	3/1981	146	4309	OBSERVATION WELL	ERTEC
(C-17-16) 1BB	U.S.AIR FORCE	1979	150	2	4590	3/1981	--		DRY OBS.WELL	ERTEC
(C-18-14) 8CDD	U.S.AIR FORCE	1979	200	2	4640	3/1981	--		DRY OBS.WELL	ERTEC
(C-18-14)30BCA	U.S.AIR FORCE	1980	200	2	4500	3/1981	80	4420	OBSERVATION WELL	ERTEC
(C-18-15) 1DDD	U.S.AIR FORCE	1979	160	2	4430	3/1981	13	4417	OBSERVATION WELL	ERTEC
(C-18-15)13DC		1976			4445	4/1976	17	4428		STEPHENS 77
(C-18-15)25BA		1976			4455	4/1976	31	4424		STEPHENS 77
(C-18-15)36CDC	U.S.AIR FORCE	1979	200	2	4525	3/1981	105	4420	OBSERVATION WELL	ERTEC
(C-19-15)11BD	U.S.AIR FORCE	1980	200	2	4480	3/1981	36	4446	OBSERVATION WELL	ERTEC
(C-20-14) 6DD1	U.S.AIR FORCE	1980	624	10	4508	4/1981	86	4422	TEST WELL	ERTEC
(C-20-14) 6DD2	U.S.AIR FORCE	1980	624	2	4511	4/1981	86	4425	OBSERVATION WELL	ERTEC
(C-22-14) 1CBA		1935	515	6	4790	4/1976	320	4460		STEPHENS 77
(C-23-14) 1AAA	COOK	1935	402	4	4990	5/1935	--		DRY WELL	STEPHENS 77

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-15-13)19ABA	SP	8-79	TUCK SPRING	17.0	1650	7.4	--	8.2	79	48	190
2	(C-15-14)22DDD	WE	8-79	WEST SWAZEY	14.0	--	7.2	1620	36	17	100	330
3	(C-15-16)11ABD	WE	1-76	WELL 58	--	1270	--	716	24	33	35	160
4	(C-16-13)33ABB	SP	8-79	SINBAD SPRINGS	13.0	690	7.3	--	11	58	28	46
5	(C-16-15)13BAB	SP	9-74	COYOTE SPRING	28.0	2400	--	1430	23	71	38	350
6	(C-16-15)26CAB	SP	8-79		25.0	1750	7.6	--	24	77	43	240
7	(C-16-16)34BCD	WE	8-79	INDIAN TRAIL WELL	15.0	3350	7.2	--	31	170	100	72
8	(C-17-13) 4BAA	SP	8-79	WILDHORSE SPRING	15.0	850	7.3	--	12	75	21	85
9	(C-17-15)10AAB	SP	4-79	TULE SPRING	27.0	2400	7.4	969	22	71	35	200
10	(C-17-15)10ACA	SP	8-79		28.0	1550	7.8	--	23	60	33	190
11	(C-17-15)15ABC	SP	8-79		28.0	1550	7.8	--	23	60	33	190
12	(C-17-15)17CA1	WE	8-80	USAF TEST WELL	--	--	--	1660	39	270	69	90
13	(C-17-15)17CA1	WE	9-80	USAF TEST WELL	--	--	--	1665	39	270	69	90
14	(C-17-16)28DBD	SP	8-79	SKUNK SPRING	29.0	2700	7.9	--	16	240	110	170
15	(C-19-14) 5ADC	SP	8-79	PAINTER SPRING	17.0	2300	7.9	--	17	72	15	98
16	(C-20-14) 6DD1	WE	8-80		20.0	1482	7.9	824	--	28	25	250
17	(C-20-14) 6DD1	WE	9-80		19.0	1492	7.9	828	--	17	33	250
18	(C-22-14) 1CBA	WE	1-76	IBEX WELL	--	1320	--	821	22	47	33	180

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	3.0	0	140	390	83	.1	1.3	--	--	--	*1	ERTEC 79
2	20	0	280	930	186	.6	1.1	--	--	--	*1	ERTEC 79
3	9.0	0	132	240	130	.7	4.2	310	--	--	*3	STEPHENS 77
4	1.8	0	200	6.1	26	.1	1.0	--	--	--	*1	ERTEC 79
5	37	0	266	450	330	1.1	.1	610	30	ND	*3,*4	STEPHENS 77
6	26	0	292	37	19	.2	.1	--	--	--	*1	ERTEC 79
7	6.3	0	320	90	851	.8	19	--	--	--	*1	ERTEC 79
8	1.2	0	320	110	39	.2	ND	--	--	--		ERTEC 79
9	21	--	220	280	230	--	--	--	--	--	*1,*4	USGS 79
10	20	0	234	280	314	1.3	.3	--	--	--	*1	ERTEC 79
11	20	19	220	230	314	1.3	.3	--	--	--	*1	ERTEC 79
12	--	--	--	100	920	--	.2	--	--	--	*1,*4	ERTEC 80
13	11	--	--	100	910	--	.1	--	--	--	*1,*4	ERTEC 80
14	2.8	0	264	640	270	.7	.4	--	--	--	*2	ERTEC 79
15	2.8	0	280	130	36	.5	ND	--	--	--		ERTEC 79
16	13	0	275	260	112	1.5	.2	--	--	--	*1	ERTEC 80
17	14	0	286	270	112	1.6	.2	--	--	--	*1	ERTEC 80
18	19	0	297	170	200	1.1	.5	340	ND	ND	*3	STEPHENS 77

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES: *1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Tule Valley, Utah

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-15-13)19ABA	SP	TUCK SPRING	8/1979	0.3	6050		ERTEC 79
(C-16-13)33ABB	SP	SINBAD SPRINGS	8/1979	7.0	7890		ERTEC 79
(C-16-15)13BAB1	SP	COYOTE SPRING	1/1976	100	4421	DISCHARGE EST.	STEPHENS 77
(C-17-13) 4BAA	SP	WILDHORSE SPRING	8/1979	0.1	7350		ERTEC 79
(C-17-16)28DBD	SP	SKUNK SPRING	11/1979	0.2	5510		ERTEC 79
(C-19-14) 5ADC	SP	PAINTER SPRING	8/1979	15	5520		ERTEC 79

Wah Wah Valley, Utah

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
(C-23-14)27BCB		1941	445		5160	5/1941	--		DRY WELL	STEPHENS 74
(C-24-13)34CCB	BLM	1934	294	8	4645	10/1972	212	4433	TELESCOPING WELL	STEPHENS 74
(C-24-14) 7CAC		1936	656		5300	3/1936	--		DRY WELL	STEPHENS 74
(C-26-14)25AB	U.S.AIR FORCE	1980	1135	2	4760	12/1980	236	4524	OBSERVATION WELL	ERTEC 80
(C-27-14)27ABD1	BLM	1951	500	6	5020	9/1951	--		DRY WELL	STEPHENS 74
(C-27-14)28DD1	U.S.AIR FORCE	1980	1350	10	5080	4/1981	570	4510	TEST WELL	ERTEC
(C-27-14)28DD2	U.S.AIR FORCE	1980	1399	2	5080	4/1981	569	4511	OBSERVATION WELL	ERTEC
(C-28-14)10CCA		1975	1177	16	5334	6/1975	800	4534		UTAH STATE ENG 79
(C-28-14)11ABB1	EARTH SCIENCES	1973	1475	16	5190	9/1973	672	4518		STEPHENS 74
(C-28-14)26BD	EARTH SCIENCES	1974	757	16	5420	4/1974	535	4885		UTAH STATE ENG 79
(C-28-15) 2CDB	BLM	1932	12		5660	10/1972	F	> 5660	FLOWING	STEPHENS 74

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-24-13)34CCB1	WE	9-63		--	2730	7.2	1600	30	64	45	440
2	(C-26-13)22ACC	SP	9-63	CRYSTAL SPRING	--	158	7.3	99	11	18	2.9	9.5
3	(C-27-13) 9ABA	WE	10-72		15.0	4020	8.0	3240	24	650	190	100
4	(C-27-13) 9ABA S	SP	10-72	MINE DRAIN	15.0	4020	8.0	3240	24	650	190	100
5	(C-27-13)14DCD	SP	9-63	MINE	13.0	2100	8.2	1650	17	220	81	82
6	(C-27-13)26CAA	SP	9-63	SQUAW SPRING	16.0	1410	8.0	1000	26	150	42	71
7	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	24.0	700	7.8	362	30	46	19	48
8	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	710	7.5	357	34	48	20	48
9	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	715	7.4	389	32	53	21	46
10	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	705	7.9	396	35	48	20	48
11	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	670	7.7	376	34	40	22	51
12	(C-27-15)11ABA	SP	9-62	WAH WAH SPRINGS	19.5	624	7.9	340	13	67	29	22
13	(C-27-15)11ABA	SP	10-72	WAH WAH SPRINGS	17.0	410	7.6	--	13	32	47	16
14	(C-27-15)12BCD	SP	10-72	WAH WAH SPRINGS	16.5	617	8.1	348	15	64	31	21
15	(C-28-13)18ADB	SP	8-63	ANTELOPE SPRING	14.5	668	7.9	446	39	59	17	47
16	(C-28-14)11ABB1	WE	9-73		--	535	8.3	385	58	21	6.4	86
17	(C-28-14)11ABB1	WE	3-74		24.5	514	7.8	--	65	--	--	67
18	(C-28-15)10AAB	SP	10-72	KILN SPRING	14.0	985	7.5	586	39	120	39	33
19	(C-28-15)25CCC	SP	6-73		11.5	7490	7.6	4550	46	630	220	200
20	(C-29-15) 2DA0	SP	6-73	WILLOW SPRING	13.0	1940	7.7	1170	28	190	64	130
21	(C-29-16) 2DCD	SP	10-72		14.0	550	8.1	322	9.6	100	10.0	6.3

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	18	0	136	670	205	.4	4.9	190	210	ND	*2	STEPHENS 74
2	1.1	0	50	14	16	.3	1.0	30	160	ND	*2,*4	STEPHENS 74
3	8.7		132	600	1600	1.1	.0	--	--	--	*4,*5,*6	USGS 79
4	8.7	0	132	600	1600	1.1	.0	200	20	20	*3,*4	STEPHENS 74
5	5.6	0	140	420	288	.6	73	100	450	190	*2	STEPHENS 74
6	.6	0	232	300	76	.5	11	120	120	ND	*2	STEPHENS 74
7	4.9	--	142	100	58	.4	.8	--	40	45	*1,*4	ERTEC
8	5.1	0	125	100	59	.4	.9	--	--	20	*1,*4	ERTEC
9	5.2	0	122	110	62	.4	.9	--	150	40	*1,*4	ERTEC
10	5.1	0	107	110	59	.4	1.0	ND	ND	ND	*1,*4	ERTEC
11	5.0	0	87	110	61	.5	1.1	--	ND	30	*1,*4	ERTEC
12	1.5	0	316	37	14	.1	5.7	20	--	--	*2	STEPHENS 74
13	2.0	0	259	65	18	.1	1.8	--	--	--	*2	STEPHENS 74
14	1.4	0	319	38	15	.2	1.4	120	30	--	*3,*4	STEPHENS 74
15	3.4	0	144	120	37	.3	10.0	100	350	50	*2	STEPHENS 74
16	11	0	169	32	82	1.0	.8	210	--	--	*3,*4	STEPHENS 74
17	11	0	152	28	66	1.0	--	190	170	--	*3	STEPHENS 74
18	1.8	0	389	110	39	.2	2.8	120	20	10.0	*3,*4	STEPHENS 74
19	1.1	0	236	2100	710	1.3	.6	2300	200	300	*2,*4	STEPHENS 74
20	1.7	0	339	360	230	.5	.1	280	300	200	*3,*4	STEPHENS 74
21	.6	0	341	10.0	14	.1	.7	30	10.0	ND	*3,*4	STEPHENS 74

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Wah Wah Valley, Utah

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
(C-27-13) 4DBB	SP	COOK SPRINGS		3.0	5780	DISCH.EST./DRY:10-72	STEPHENS 74
(C-27-15) 1CCC	SP	WAH WAH SPRINGS	10/1972	0.5	5450	DISCHARGE EST.	STEPHENS 74
(C-27-15) 2DDA	SP	WAH WAH SPRINGS	10/1972	0.0	5460	SEEP	STEPHENS 74
(C-27-15)11AAB	SP	WAH WAH SPRINGS	10/1972	5.0	5540	DISCHARGE EST.	STEPHENS 74
(C-27-15)11AAD	SP	WAH WAH SPRINGS	10/1972	10.0	5540	DISCHARGE EST.	STEPHENS 74
(C-27-15)11ABA	SP	WAH WAH SPRINGS	10/1972	450	5640	DISCHARGE EST.	STEPHENS 74
(C-27-15)12BBC	SP	WAH WAH SPRINGS	10/1972	10.0	5470	DISCHARGE EST.	STEPHENS 74
(C-27-15)12BCD	SP	WAH WAH SPRINGS	10/1972	20	5450	DISCHARGE EST.	STEPHENS 74
(C-28-13)18ADB	SP	ANTELOPE SPRING	8/1963	5.0	5530	DISCHARGE EST.	STEPHENS 74
(C-28-15)10ABB	SP	KILN SPRING	10/1972	5.0	5850	DISCHARGE EST.	STEPHENS 74
(C-28-15)25CCC	SP		6/1973	10.0	6040	DISCHARGE EST.	STEPHENS 74
(C-29-15) 2DAD	SP	WILLOW SPRING	6/1973	25	6150	DISCHARGE EST.	STEPHENS 74

White River Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
14N/61E- 9C	BLM	1938	365		6300	/1938	350	5950		USGS 79
14N/62E-31B	BLM	1938	185		5870	7/1947	--		DRY'	USGS 79
13N/60E-26DA	GARDNER	1978	107	8	6100	7/1978	12	6088		NV STATE ENG 79
13N/62E-32DA	U.S.AIR FORCE	1980	200	2	5705	3/1981	159	5546	OBSERVATION WELL	ERTEC
12N/60E-11A	MUNSON		20		6100	12/1947	16	6084		USGS 79
12N/61E-12D	BERINSON	1947	70	48	5618	10/1947	61	5557		USGS 79
12N/61E-13A	DENNIS	1947	72	48	5616	11/1947	62	5554		USGS 79
12N/61E-13D	PETERSON	1919	184		5594	12/1947	58	5536		USGS 79
12N/61E-34A					5550	/1947	58	5492		USGS 79
12N/62E- 5D		1948	1300		5600	3/1948	60	5540		USGS 79
12N/62E-17D					5590	/1947	57	5533		USGS 79
12N/62E-20B	CARTER	1948	60		5560	3/1948	31	5529		USGS 79
12N/62E-20C	CARTER	1948	31	72	5565	3/1948	31	5534		USGS 79
12N/62E-20D	CARTER	1947	34	48	5554	7/1947	28	5526		USGS 79
12N/62E-28BB	WHIPPLE	1963	207	16	5576	1/1964	40	5536		NV STATE ENG 79
12N/62E-29BB	MC KENZIE	1977	200	16	5560	2/1977	30	5530		NV STATE ENG 79
12N/62E-29CBB	GUBLER		112	14	5553	7/1947	26	5527		USGS 79
12N/62E-30AB	GARDNER	1974	196	16	5560	4/1974	42	5518		NV STATE ENG 79
12N/62E-30B	PEACOCK BROS.	1947		6	5558	9/1947	37	5521		USGS 79
12N/62E-30C	PEACOCK BROS.		50	6	5530	9/1947	21	5509		USGS 79
12N/62E-31AA	GARDNER	1948	116	16	5520	5/1948	10	5510		NV STATE ENG 79
12N/62E-33A	REID	1947	48		5594	11/1947	40	5554		USGS 79
12N/62E-33D	WEBB	1975	114	8	5531	6/1975	18	5513		NV STATE ENG 79
11N/61E- 4CAA	BLM	1965	90	8	5580	7/1979	21	5559		ERTEC 79/NVSEO
11N/61E-16D	CARTER BROS.	1948	82		5470	7/1979	4	5466		ERTEC 79/NVSEO
11N/61E-25B					5440	7/1979	15	5425		ERTEC 79/NVSEO
11N/61E-27ABA					5440	7/1979	12	5428		ERTEC 79/NVSEO
11N/61E-32BBD	CARTER BROS.	1947	48		5431	7/1979	43	5388		ERTEC 79/NVSEO
11N/61E-35D		1945	171		5417	7/1979	15	5402		ERTEC 79/NVSEO
11N/62E- 4B	GUBLER	1952	200	16	5531	4/1952	22	5509		USGS 79
11N/62E- 4BBC			55		5531	8/1979	22	5509		ERTEC 79/NVSEO
11N/62E- 5D			30		5520	3/1948	3	5517		USGS 79
11N/62E- 6A			10		5503	7/1947	5	5498		USGS 79
11N/62E- 6DDC					5490	7/1979	2	5488		ERTEC 79/NVSEO
11N/62E- 7B	GUBLER	1947			5480	9/1947	18	5462		USGS 79
11N/62E-17CC	FAWCETT	1948	15	60	5460	7/1979	7	5453		ERTEC 79/NVSEO
11N/62E-19C					5442	1/1948	7	5435		USGS 79
11N/62E-20AD	GARDNER	1976	100	10	5500	7/1979	40	5460		ERTEC 79/NVSEO
11N/62E-20BBC					5455	8/1979	6	5449		ERTEC 79/NVSEO
11N/62E-28A					5639	7/1979	43	5596		ERTEC 79/NVSEO
11N/62E-28AAB			10		5650	8/1979	7	5643		ERTEC 79/NVSEO
11N/62E-33D	GUBLER	1948	128	14	5661	10/1948	7	5654		USGS 79
10N/60E- 1CC	U.S.AIR FORCE	1980	197	2	5490	3/1981	182	5308	OBSERVATION WELL	ERTEC
10N/60E-13C					5390	2/1948	45	5345		USGS 79
10N/60E-24ACD					5477	7/1979	17	5460		ERTEC 79/NVSEO
10N/60E-24BCB	BLM				5374	2/1948	41	5333		USGS 79
10N/60E-33ACD					5477	8/1979	17	5460		ERTEC 79/NVSEO
10N/60E-33DA	U.S.AIR FORCE	1980	200	2	5475	3/1981	129	5346	OBSERVATION WELL	ERTEC
10N/60E-36B					5356	7/1979	50	5306		ERTEC 79/NVSEO
10N/60E-36C					5356	7/1979	42	5314		ERTEC 79/NVSEO
10N/61E- 5DDC					5413	7/1979	31	5382		ERTEC 79/NVSEO
10N/61E- 7AAB					5400	7/1979	96	5304		ERTEC 79/NVSEO
10N/61E- 7BBB					5431	7/1979	113	5318		ERTEC 79/NVSEO
10N/61E-11DC	MUNROE		127	8	5376	10/1947	4	5372		USGS 79
10N/61E-13CD	U.S.AIR FORCE	1979	51	2	5400	7/1980	41	5359	OBSERVATION WELL	ERTEC 80
10N/61E-20A					5366	7/1979	22	5344		ERTEC 79/NVSEO
10N/61E-21ABB					5370	7/1979	22	5348		ERTEC 79/NVSEO
10N/61E-26B	CARTER BROS.				5344	10/1947	9	5335		USGS 79
10N/61E-34A	ELDRIDGE				5334	10/1947	4	5330		USGS 79
10N/62E-17AAD					5762	7/1979	259	5503		ERTEC 79/NVSEO
10N/62E-19ADD					5630	7/1979	149	5481		ERTEC 79/NVSEO
9N/59E-36CAB					6160	8/1979	33	6127		ERTEC 79/NVSEO
9N/60E- 1A			50		5346	7/1979	40	5306		ERTEC 79/NVSEO
9N/60E-15D					5505	7/1979	195	5310		ERTEC 79/NVSEO
9N/61E- 7BCC			43		5341	7/1979	31	5310		ERTEC 79/NVSEO
9N/61E-16C					5308	7/1979	24	5284		ERTEC 79/NVSEO
8N/59E- 3C			100		6660	5/1967	85	6575		USGS 79
8N/60E-21A					5490	7/1979	500	4990		ERTEC 79/NVSEO
8N/60E-24D	BLM	1966	80	8	5261	7/1979	35	5226		ERTEC 79/NVSEO
8N/60E-27DA					5340	7/1979	117	5223		ERTEC 79/NVSEO
8N/60E-28A			142		5480	2/1948	114	5366		USGS 79
8N/61E-19CCC					5261	8/1979	0	5261		ERTEC 79/NVSEO
8N/61E-27CD			490		5258	8/1979	40	5218		ERTEC 79/NVSEO
8N/61E-27DCC	U.S.AIR FORCE	1979	1300	2	5255	2/1981	40	5215	OBSERVATION WELL	ERTEC
8N/61E-33ADD	GULF OIL	1968	72	6	5250	7/1979	35	5215		ERTEC 79/NVSEO
8N/62E-17CD	GULF OIL	1968	210	6	5420	7/1979	135	5285		ERTEC 79/NVSEO
8N/62E-19BA	HARDEN	1966	416	12	5340	7/1979	91	5249		ERTEC 79/NVSEO
8N/62E-28AD	U.S.AIR FORCE	1980	200	2	5530	12/1980	--		DRY OBS. WELL	ERTEC 80
8N/62E-30CCB			101		5276	7/1979	65	5211		ERTEC 79/NVSEO
8N/62E-30CD	U.S.AIR FORCE	1979	101	2	5272	3/1981	65	5207	OBSERVATION WELL	ERTEC
7N/61E- 4DAC					5240	7/1979	38	5202		ERTEC 79/NVSEO
7N/61E- 7DD	GENUNG	1970	100	6	5245	7/1979	13	5232		ERTEC 79/NVSEO
7N/61E-19BD	U.S.AIR FORCE	1979	101	2	5240	3/1981	49	5191	OBSERVATION WELL	ERTEC
7N/61E-36CCD	JAY	1975	79	6	5180	7/1979	19	5161		ERTEC 79/NVSEO
7N/61E-36DD	SILVER	1970	100	8	5200	8/1970	9	5191		NV STATE ENG 79
6N/60E-19CA	U.S.AIR FORCE	1980	210	2	5360	12/1980	--		DRY OBS. WELL	ERTEC 80
6N/60E-20AD	BLM	1965	160	8	5270	7/1979	90	5180		ERTEC 79/NVSEO
6N/60E-21A					5240	7/1979	89	5151		ERTEC 79/NVSEO
6N/61E- 6BB	HOWARD	1967	456	16	5220	7/1979	39	5181		ERTEC 79/NVSEO
6N/61E- 9CCB	FISH & GAME	1966	400	6	5215	7/1979	5	5210		ERTEC 79/NVSEO

White River Valley, Nevada

WELL AND WATER LEVEL DATA

WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
6N/61E-27AA	U.S.AIR FORCE	1979	101	2	5200	3/1981	71	5129	OBSERVATION WELL	ERTEC
6N/61E-27DD	KIRCH	1970	250	8	5200	6/1970	98	5102		NV STATE ENG 79
6N/61E-32BA	FOREMASTER	1949	50	6	5145	3/1979	18	5127		ERTEC 79/NVSEO
6N/61E-33D	GULF OIL	1963	200	6	5203	3/1979	100	5103		ERTEC 79/NVSEO
6N/62E- 7CD	GULF OIL	1968	117	6	5279	6/1979	25	5254		ERTEC 79/NVSEO
6N/62E-31AD	MAX RIGGS CO.	1971	250	10	5430	7/1979	145	5285		ERTEC 79/NVSEO
5N/60E- 3AB	U.S.AIR FORCE	1980	200	2	5165	3/1981	48	5117	OBSERVATION WELL	ERTEC
5N/60E-10CA	CRSTL.SPRS.DVLP.	1970	125	14	5150	7/1979	58	5092		ERTEC 79/NVSEO
5N/61E-31CD	WHIPPLE	1961	100	10	5100	7/1979	20	5080		ERTEC 79/NVSEO
4N/60E- 2AA	STEWART	1949	403		5130	7/1979	70	5060	CASING 12" & 8"	ERTEC 79/NVSEO
4N/60E-13AD	U.S.AIR FORCE	1980	165	2	5210	3/1981	--		DRY OBS. WELL	ERTEC
4N/61E-16D					5094	/1963	84	5010		USGS 79

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	14N/60E- 4D	WE	7-75	MIDWAY WELL	13.0	600	8.2	430	--	53	15	75
2	14N/62E-22A	WE	7-75	PRESTON SEEP.WELL	16.5	365	8.2	250	12	56	19	5.0
3	13N/61E- 9DC	WE	7-75	BLACKJACK INN	18.5	520	7.8	415	61	43	5.0	76
4	12N/61E-34A	WE	7-75		14.5	750	8.2	600	--	75	54	74
5	12N/61E-34ADA	WE	8-79		18.0	570	7.5	356	21	69	24	19
6	12N/62E-32AAD	WE	8-79		13.0	640	7.3	447	45	58	39	38
7	11N/61E-32BBD	WE	7-79		21.0	580	7.8	353	28	54	22	41
8	11N/61E-35ACC	WE	7-79		16.0	1050	7.5	--	47	130	44	150
9	11N/62E- 4ABD	WE	8-79		15.0	490	7.3	331	24	61	32	14
10	11N/62E- 8CAA	WE	8-79		12.0	730	7.1	--	46	68	47	29
11	11N/62E-17CC	WE	8-79		13.0	480	7.2	302	40	48	27	10.0
12	11N/62E-33AC	SP	8-79		17.0	490	7.4	298	15	62	22	5.8
13	11N/62E-33D	WE	8-79		18.0	510	7.4	279	14	63	23	5.7
14	10N/60E-24CB	WE	7-75		20.0	670	8.1	405	37	76	29	38
15	10N/61E-21ABB	WE	7-79		21.0	380	7.6	312	63	44	19	21
16	10N/61E-23ABA	WE	8-79		15.0	720	7.2	557	37	70	44	41
17	10N/62E-31BBC	SP	8-79	DEE GEE SPRING	18.0	410	7.1	250	21	42	24	10.0
18	9N/59E-36C	WE	7-75	WALLS STATION	12.0	780	7.2	600	--	88	35	41
19	9N/61E-13C	SP	8-79	HARDY SPRING	15.0	440	7.5	263	15	55	22	65
20	9N/61E-32D	SP	8-79	MORMON HOT SPRING	36.0	720	7.3	348	29	61	19	26
21	9N/62E-19AC	SP	8-79	EMIGRANT SPRING	20.0	520	7.1	275	13	59	24	5.6
22	8N/61E-27DC	WE	7-75	RIORDAN WELL	23.5	470	8.0	290	--	45	25	--
23	8N/61E-27DCC	WE	12-79	USAF TEST WELL	--	--	--	--	--	--	11	68
24	8N/61E-27DCC	WE	12-79	USAF TEST WELL	--	--	--	--	--	--	--	--
25	8N/62E-14CAA	SP	8-79	SILVER SPRING	22.0	460	7.4	272	27	18	52	14
26	8N/63E-19ADA	SP	8-79	SHINGLE SPRING	16.0	520	7.4	328	47	57	18	16
27	7N/61E-36CCA	WE	7-79		17.0	430	7.9	328	86	36	35	13
28	7N/62E-28AD	SP	-44	BUTTERFIELD SPR.	--	--	--	283	46	40	23	2.0
29	6N/59E-19DA	SP	7-79	FOREST HOPE SPRING	28.0	550	7.3	299	15	62	29	9.5
30	6N/60E-25B	SP	8-79	MOON RIVER SPRING	33.0	640	7.4	312	26	53	21	22
31	6N/61E-19DA	SP	4-63	HOT CREEK SPRING	27.0	548	7.6	--	28	60	24	24
32	6N/61E-19BB	WE	7-75	FOREST MOON RANCH	21.5	400	7.8	290	--	42	24	23
33	5N/60E-24D	WE	7-75		14.5	2500	8.3	2470	72	47	130	550

White River Valley, Nevada

SELECTED WATER QUALITY DATA

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.0		252	68	57	--	--	--	--	--	*6	BATEMAN 76
2	1.0		249	9.0	18	.4	2.5	180	--	--	*2,6	BATEMAN 76
3	9.0		224	38	71	.6	4.5	340	--	--	*2,6	BATEMAN 76
4	8.0		350	86	147	--	--	--	--	--	*6	BATEMAN 76
5	3.3	0	268	21	61	.3	1.5	--	--	--	*2	ERTEC 79
6	7.6	0	390	9.4	56	.1	3.3	--	--	--	*2	ERTEC 79
7	4.7	0	264	16	53	.1	.9	--	--	--	*2	ERTEC 79
8	9.2	0	239	83	221	.3	2.1	--	--	--	*2	ERTEC 79
9	1.5	0	327	6.5	24	.1	3.9	--	--	--	*2	ERTEC 79
10	8.9	0	420	18	79	.2	1.4	--	--	--	*2	ERTEC 79
11	5.0	0	279	4.0	28	.1	.8	--	--	--	*2	ERTEC 79
12	1.1	0	332	3.0	22	.2	.8	--	--	--	*2	ERTEC 79
13	1.2	0	2880	3.0	24	.2	.8	--	--	--	*2	ERTEC 79
14	5.0		311	18	84	1.0	16	490	--	--	*2,6	BATEMAN 76
15	5.5	0	198	16	43	.2	.5	--	--	--	*2	ERTEC 79
16	6.4	0	366	33	142	.4	ND	--	--	--		ERTEC 79
17	1.8	0	244	3.5	25	.2	.8	--	--	--	*2	ERTEC 79
18	9.0		270	84	107	--	--	--	--	--	*6	BATEMAN 76
19	1.7	0	293	2.5	17	.2	.8	--	--	--	*2	ERTEC 79
20	5.6	0	293	9.4	50	1.5	ND	--	--	--		ERTEC 79
21	1.3	0	303	3.0	16	.2	.8	--	--	--	*2	ERTEC 79
22	--		219	--	--	--	--	--	--	--	*6	BATEMAN 76
23	14	0	214	5.5	28	1.3	1.2	700	1000	--	*1	ERTEC 79
24	--	--	--	--	--	--	--	500	3000	--		ERTEC 79
25	2.5	0	254	9.4	21	.3	1.1	--	--	--	*2	ERTEC 79
26	2.5	0	366	15	24	.2	14	--	--	--	*2	ERTEC 79
27	5.0	0	273	4.0	11	.5	ND	--	--	--		ERTEC 79
28	--	--	178	18	27	--	--	--	.3	--	*5	MAXEY ET AL 49
29	1.2	0	312	6.0	19	.0	1.3	--	--	--	*2	ERTEC 79
30	4.2	0	263	9.0	42	.9	ND	--	--	--		ERTEC 79
31	3.1	0	300	9.0	43	1.0	.6	100	10.0	--	*2	EAKIN 66
32	5.0		247	15	42	--	--	--	--	--	*6	BATEMAN 76
33	78		743	290	935	1.9	.7	1500	--	--	*2,6	BATEMAN 76

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

DISCHARGE MEASUREMENTS

TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
12N/61E- 2AC	SP	PRESTON BIG SPR.	11/1966	3900	5750		HESS ET AL 78
12N/61E-12BC	SP	COLD SPRING	11/1966	780	5660		HESS ET AL 78
12N/61E-12D S	SP	NICHOLAS SPRING	11/1966	1100	5630		HESS ET AL 78
12N/61E-12DC	SP	ARNOLDSON SPRING	11/1966	1400	5630		HESS ET AL 78
11N/62E- 1AA	SP	LUND SPRING	6/1966	2800	6800		HESS ET AL 78
11N/62E-33AC	SP		8/1979	14	5600		ERTEC 79
10N/62E- 4AA	SP	SIX MILE SPRINGS	11/1966	180	5650		HESS ET AL 78
9N/61E-13C	SP	HARDY SPRINGS	11/1966	200	5350	DISCHARGE EST.	HESS ET AL 78
9N/61E-32D	SP	MORMON SPRING	11/1966	1900	5300		HESS ET AL 78
9N/62E-19AC	SP	EMIGRANT SPRINGS	7/1975	1400	5450		HESS ET AL 78
8N/63E-19ADA	SP	SHINGLE SPRING	8/1979	2.0	6565	DISCHARGE EST.	ERTEC 79
7N/62E-28AD	SP	BUTTERFIELD SPRINGS	11/1966	1100	5250		HESS ET AL 78
7N/62E-33BC	SP	FLAG SPRINGS	7/1975	1100	5250		HESS ET AL 78
6N/59E-18DA	SP	FOREST HOME SPRING	11/1966	430	6210	DISCHARGE EST.	HESS ET AL 78
6N/60E-25B	SP	MOON RIVER SPRING	8/1979	700	5230		ERTEC 79
6N/61E-18DA	SP	HOT CREEK SPRING	5/1949	6900	5220		HESS ET AL 78

Data and aquifer-test results for wells in valley-fill deposits

Inside diameter of casing: Ten-inch wells were pumped during aquifer test; 2- and 2.5-inch companion wells were used for observation during test.
Duration of test: P, pumping duration; R, recovery duration after pumping.
Transmissivity: NC, test results not conclusive.
Storage coefficient: Volume of water released or stored per unit surface area of the aquifer per unit change in the component of head normal to that surface, dimensionless; "E" signifies that the following number is an exponent of 10; for example, 9.2E-5 indicates 9.2 x 10^{-5}, which equals 0.000092; DNA, does not apply; NC, test results not conclusive.
Method of analysis: The following terms indicate a reference that describes the principal method used to analyze the pumping-test data: Cooper—Cooper and Jacob (1946); Neuman—Neuman (1975); Theis—Theis (1935). See "References Cited."
Aquifer conditions: U, unconfined; C, confined.

Location	Depth of well (feet)	Inside diam. of casing (in.)	Screened interval (feet below land surface)	Static water level (feet below land surface)	Duration of test (hours)	Distance to obs. well (feet)	Discharge (gal/min)	Maximum drawdown (feet)	Transmissivity (ft^2/day)	Storage coefficient: Initial	Storage coefficient: Delayed	Method of analysis	Aquifer conditions
Beryl-Enterprise Area, Utah, Well No. BL-VF-T1													
(C-33-17)21DD2	353	10	180–240 260–340	185.4	240P 47R	300	600	14.1	13,000	DNA	DNA	Theis	U
Beryl-Enterprise Area, Utah, Well No. BL-VF-O1													
(C-33-17)21DD1[a]	234	2	189–231	175.6	240P 47R	—	—	0.0	NC	NC	NC	None	U
	332	2	254–322	193.2	240P 47R	—	—	0.2	NC	NC	NC	Several	U
Cave Valley, Nev., Well No. CV-I-T-1													
N7 E63 14AB2	435	10	210–250 375–435	229.0	160P 20R	500	225	114.8	8800	DNA	DNA	Theis	C
Cave Valley, Nev., Well No. CV-I-O-1													
N7 E63 14AB1[a]	273	2	200–263	231.2	160P 20R	—	—	3.6	2,400	9.2E-5	1.3E-2	Neuman	C
	422	2	380–422	230.6	160P 20R	—	—	0.0	NC	NC	NC	None	
Coal Valley, Nev., Well No. CL-VF-T-1A													
S1 E59 34CB2	1315	10	1,111–1,315	849.4	240P 75R	550	450	49.4	3,200	DNA	DNA	Theis	U
Coal Valley, Nev., Well No. CL-VF-O-1													
S1 E59 34CB1[a]	1452	2	1,142–1,452	862.4	240P 75R	—	—	4.1	3,700 7,000	4.0E-4 DNA	1.3E-3 DNA	Neuman Theis	U
Delamar Valley, Nev., Well No. DM-TW-2													
S6 E63 12AD2	1195	10	920–980	871.0	63P	500	85	85.3	NC	DNA	DNA	Several	U
			1,040–1,160		26.6R								
Delamar Valley, Nev., Well No. DM-OW-2													
S6 E63 12AD1[a]	640	2	540–630	Dry	63P 26.6R	—	—	—	NC	NC	NC	None	U
	981	2	816–847 877–940 950–971	867.3	63P 26.6R	—	—	5.3	1,100 1,300	NC DNA	NC DNA	Cooper Theis	U
Dry Lake Valley, Nev., Well No. DL-TW-2													
S3 E64 12AC2	990	10	600–620 650–670 700–720 750–770 800–820 850–870 900–920 950–970	395.0	239P 135R	475	300	44.0	2,700 NC	DNA DNA	DNA DNA	Cooper Theis	U
Dry Lake Valley, Nev., Well No. DL-OW-2													
S3 E64 12AC1[a]	795	2	765–785	383.3	239P 155R	—	—	7.3	3,400 5,200	5.3E-4 DNA	1.3E-2 DNA	Neuman Theis	U
	1300	2	1,270–1,290	383.3	239P 155R	—	—	4.4	3,700 6,500	3.9E-3 DNA	5.1E-2 DNA	Neuman Theis	U

Data and aquifer-test results for wells in valley-fill deposits—Continued

Location	Depth of well (feet)	Inside diam. of casing (in.)	Screened interval (feet below land surface)	Static water level (feet below land surface)	Duration of test (hours)	Distance to obs. well (feet)	Discharge (gal/min)	Maximum drawdown (feet)	Transmissivity (ft^2/day)	Storage coefficient: Initial	Storage coefficient: Delayed	Method of analysis	Aquifer conditions
Dry Lake Valley, Nev., Northern Part, Well No. MS-VFT-1													
N4 E64 7DC2	1170	10	1,050–1,150	268.4	144P 48R	330	30	314.6	15 44	DNA DNA	DNA DNA	Cooper Theis	U
Dry Lake Valley, Nev., Northern Part, Well No. MS-VFO-1													
N4 E64 7DC1[a]	672	2	630–672	270.0	144P 48R	—	—	0.0	NC	NC	NC	None	U
	1134	2	1,071–1,134	264.2	144P 48R	—	—	34.9	39 126	1.0E-4 DNA	4.2E-4 DNA	Neuman Theis	U
Garden Valley, Nev., Well No. GN-IT-2													
N2 E57 22BA2	1010	10	600–620 650–670 700–720 750–770 800–820 850–870 900–920 950–970	422.0	720P 72R	500	510	23.0	3,200 13,000	DNA DNA	DNA DNA	Cooper Theis	U
Garden Valley, Nev., Well No. GN-IO-1													
N2 E57 22BA1[a]	315	2	273–294	Dry	720P 72R	—	—	—	NC	NC	NC	None	
	1032	2	820–841 890–911 930–951 990–1,011	431.1	720P 72R	—	—	4.0	12,000 13,000	6.4E-4 DNA	2.5E-3 DNA	Neuman Theis	U
Hamlin Valley, Nev., Well No. HM-ST-1													
N8 E69 35DC2	475	10	320–440	158.0	120P 24R	500	110	82.8	62 60	NC DNA	NC DNA	Cooper Theis	U
Hamlin Valley, Nev., Well No. HM-SO-1													
N8 E69 35DC1[a]	475	2.5	320–420	175.6	120P 24R	—	—	1.6	2,500 10,000	1.9E-4 DNA	1.0E-2 DNA	Neuman Theis	U
Hot Creek Valley, Nev., Well No. HC-ST-1													
N7 E51 10AD1	480	10	80–100 160–180 200–220 240–260 280–320 340–360 380–400 420–460	237.1	97P 19R	500	235	45.0	8,100	DNA	DNA	Theis	U
Hot Creek Valley, Nev., Well No. HC-SO-1													
N7 E51 10AD2[a]	480	2.5	220–240 300–320 340–360 380–400 420–460	226.1	97P 19R	—	—	0.6	19,000	1.3E-3	2.0E-2	Neuman	U
Hot Creek Valley, Nev., Well No. HC-S-T-2													
N6 E50 27AC1	505	10	325–345 365–405 425–485	292.1	120P 6R	500	375	126.1	2,500	DNA	DNA	Theis	U
Hot Creek Valley, Nev., Well No. HC-S-O-2													
N6 E50 27AC2[a]	455	2.5	284–433	303.5	120P 6R	—	—	10.3	1,600 9,100	1.4E-4 DNA	4.1E-3 DNA	Neuman Theis	U U

Data and aquifer-test results for wells in valley-fill deposits—Continued

Location	Depth of well (feet)	Inside diam. of casing (in.)	Screened interval (feet below land surface)	Static water level (feet below land surface)	Duration of test (hours)	Distance to obs. well (feet)	Discharge (gal/min)	Maximum drawdown (feet)	Transmissivity (ft^2/day)	Storage coefficient: Initial	Storage coefficient: Delayed	Method of analysis	Aquifer conditions
				Hot Creek Valley, Nev., Southern Part, Well No. RE-VF-T1									
N3 E50 13CA2	680	10	398–418 450–478 499–519 534–579 618–658	316.5	170P 72R	500	550	90.3	11,200	DNA	DNA	Theis	U
				Hot Creek Valley, Nev., Southern Part, Well No. RE-VF-O1									
N3 E50 13CA1[a]	702.6	2	660–702	321.1	170P 73R	—	—	6.4	10,000 11,400	2.2E-4 DNA	1.6E-3 DNA	Neuman Theis	U
	405	2	304–405	321.1	170P 73R	—	—	6.4	5,000 15,900	1.2E-4 DNA	1.2E-2 DNA	Neuman Theis	U
				Little Smoky Valley, Nev., Southern Part, Well No. BG-VF-T1									
N8 E53 29DA2	573	10	487–547 353–573	467.8	240P 36.5R	490 490	435 410	64.4	2,600 7,800	DNA DNA	DNA DNA	Cooper Theis	U
				Little Smoky Valley, Nev., Southern Part, Well No. BG-VF-O1									
N8 E53 29DA1[a]	493	2	472–493	471.6	240P 36.5R	—	—	0.0	NC	NC	NC	None	U
	649	2	407–649	464.4	240P 36.5R	—	—	0.0	NC	NC	NC	None	U
				Milford District, Utah, Well No. MD-VFT-1									
(C-31-13)5BB1	374	10	99–139 173–193	30.7	240P 67R	386	330	87.2	3,700	DNA	DNA	Theis	U
				Milford District, Utah, Well No. MD-VFO-1									
(C-31-13)5BB2[a]	138	2.5	93–138	31.0	240P 87R	—	—	4.9	3,400 6,600	4.5E-4 DNA	8.0E-2 DNA	Neuman Theis	U
	342	2.5	300–342	Dry	240P 87R	—	—	—	NC	NC	NC	None	
				Pine Valley, Utah, Well No. PI-IT-1									
(C-26-17)10AA2	870	10	560–630 660–680 710–740 750–770 800–820 830–850	443.0	167P 120R	452	73	103.3	320	DNA	DNA	Theis	U
				Pine Valley, Utah, Well No. PI-IO-1									
(C-26-17)10AA1[a]	882	2	640–661 760–802 840–861	434.0	147P 120R	—	—	9.2	330 420	2.3E-4 DNA	1.6E-3 DNA	Neuman Theis	U
				Railroad Valley, Nev., Well No. RR-S-T-1									
N3 E52 2DA1	461	10	302–382 404–444	323.2	216P 24R	411	733	19.0	17,000	DNA	DNA	Theis	U
				Railroad Valley, Nev., Well No. RR-S-O-1									
N3 E52 2DA2[a]	495	2.5	325–495	234.9	216P 24R	—	—	3.2	11,000 17,000	1.5E-4 DNA	6.0E-2 DNA	Neuman Theis	U
				Railroad Valley, Nev., Well No. RR-S-T-2									
N10 E58 17BD2	580	10	278–329 360–420 441–560	280.6	676P 103R	480	705	66.7	31,000	DNA	DNA	Theis	U

Data and aquifer-test results for wells in valley-fill deposits—Continued

Location	Depth of well (feet)	Inside diam. of casing (in.)	Screened interval (feet below land surface)	Static water level (feet below land surface)	Duration of test (hours)	Distance to obs. well (feet)	Discharge (gal/min)	Maximum drawdown (feet)	Transmissivity (ft^2/day)	Storage coefficient		Method of analysis	Aquifer conditions
										Initial	Delayed		
Railroad Valley, Nev., Well No. RR-S-O-2													
N10 E58 17BD1[a]	220	2	94–200	Dry	676P 103R	—	—	—					
	600	2	308–328 349–370 391–412 453–474 510–526 556–578	280.0	676P 103R	—	—	8.0	7,900 20,000	3.3E–4 DNA	1.1E–3 DNA	Neuman Theis	U
Sevier Desert, Utah, Northwest Part, Well No. WW-IT-1													
(C-15-12)19AD2	1023	10	710–730 825–905 925–1,005	797.4	96P 24R	300	7	101.3	4.0	DNA	DNA	Theis	U
Sevier Desert, Utah, Northwest Part, Well No. WW-IO-1													
(C-15-12)19AD1[a]	1191	2	1,044–1,086 1,107–1,170	794.4	96P 24R	—	—	0.0	NC	NC	NC	None	U
Spring Valley, Nev., Well No. SP-S-T-1													
N9 E68 30AB1	699	10	559–679	229.8	120P 48R	560	600	14.0	NC	DNA	DNA	Theis	U
Spring Valley, Nev., Well No. SP-S-O-1													
N9 E68 30AB2[a]	247	2	163–247	Dry	120P 48R	—	—	—	NC	NC	NC	None	U
N9 E68 30AB1[a]	700	2	553–700	219.3	120P 48R	—	—	0.7	NC	NC	NC	Several	U
Tule Valley, Utah, Well No. TL-S-T-1													
(C-20-14)6DD1	620	10	500–600	94.3	72.1P 36.7R	300	50	296.5	NC	DNA	DNA	Several	C
Tule Valley, Utah, Well No. TL-S-O-1													
(C-20-14)6DD2[a]	620	2.5	500–600	88.8	72.1P 36.7R	—	—	2.2	NC NC	NC DNA	NC DNA	Cooper Theis	C
Tule Valley, Utah, Well No. TL-S-T-2													
(C-17-15)17CA1	400	10	100–180 260–280 360–380	47.3	120P 24R	300	235	1.0	NC	DNA	DNA	Theis	U
Tule Valley, Nev., Well No. TL-S-O-2													
(C-17-15)17CA2[a]	296	2.5	56–276	83.0	120P 24R	—	—	0.2	NC NC	NC DNA	NC DNA	Cooper Theis	U
Wah Wah Valley, Utah, Well No. WA-IT-2													
(C-27-14)28DD2	1330	10	905–945 995–1015 1,110–1,190 1,220–1,300 1,310–1,330	570.4	239.7P 24.0R	305	375	193.9	NC	DNA	DNA	Theis	U
Wah Wah Valley, Utah, Well No. WA-IO-2													
(C-27-14)28DD1[a]	987	2	693–967	369.0	239.7P 24R	—	—	1.1	12,000 16,000	1.8E–3 DNA	1.4E–1 DNA	Neuman Theis	U

[a] Multiple piezometers were placed in the same well. There were cased, cemented, and screened at differents intervals.

Data and aquifer-test results for wells in carbonate rocks[1]

Site	Drilling results: Depth (feet) Total	Depth (feet) Casing[2]	Casing diameter (inches)	Drilling dates Start	Drilling dates End	Aquifer-test results: Depth to water (feet)[3]	Discharge (gal/min)	Transmissivity (ft^2/d)	Testing duration
Garden Valley N3 E59 10BD	1,837	0-118	10	08/17/80	12/08/80	803	95	400	01/13-16/81
Coyote Spring Valley S13 E63 23DDD	669	0-50.5	10	11/20/80	12/10/80	353	540	40,000	12/18-23/80
Coyote Spring Valley S13 E63 23DD	628	0-126	20	04/14/81	05/05/81	350	3,400	250,000	07/10-9/28/81
Coyote Spring Valley S13 E64 35DD	937	0-87 0-325	12-3/4 8-5/8	05/21/81	06/03/81	458	------- NO AQUIFER TEST -------		
Dry Lake Valley N3 E63 27CA	2,395	0-347 0-775	10 8	10/23/80	11/21/80	853	106	13,400	12/07-12/80
Steptoe Valley[4] N12 E63 12BA	2,447	0-50 0-958	8 6	08/28/80	10/13/80	427	100	200	01/18-21/81

[1] Modified from table 2-1 in report by U.S. Department of the Air Force (1983).

[2] Casing open at bottom. Pumpage is from interval below bottom of casing, except as indicated for Steptoe Valley well in footnote 4.

[3] Static water level at start of aquifer test; datum is land surface.

[4] Hole plugged at 950 feet; casing perforated from 500 to 950 feet. Aquifer test performed through perforated casing.

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