APPENDIX A

UCD Water Quality

Sample Site Information And Specifications

UUC76.DATA

TABLE A1. UCD WATER QUALITY SAMPLE SITE INFORMATION AND SPECIFICATIONS

IMPORTANT SUMMARY NOTES ON SAMPLE SITES, 04/87 UPDATED.

(FOR ANNUAL REPORT IV)

NO TWO SITES HAVE THE SAME NUMBERS; K AND P PREFIXES DESIGNATE KENNECOTT MONITOR WELLS; S PREFIX DESIGNATES A SURFACE WATER SITE; W PREFIX IS FOR A PRIVATE MONITOR WELL SITE,EXCEPT WHERE NOTED, KENNECOTT NOW OWNS THE WELL. IN GENERAL, THE "P" PIEZOMETERS ARE LOCATED JUST EAST OF THE LEACH DUMP AREA,AND ALONG BINGHAM CREEK NEAR THE EVAPORATION PONDS, BUT ARE ALSO USED TO DESIGNATE NEW MONITOR WELLS DRILLED FOR THE 5 YEAR STUDY.

MANY OF THE OLD DRILL LOGS IN KENNECOTT'S FILES SH[illegible]"P" PREFIXES FOR "K" WELLS. SINCE NO SAMPLE SITE NUMBER WAS USED MORE THAN ONCE, ONLY THE NUMBER DESIGNATION IS CRITICAL IN LOCATING A SAMPLE SITE,WELL LOG,AND CORRESPONDING WATER QUALITY DATA. THE "X" PREFIX BORING LOGS ARE FOR SITES ALONG THE RESERVOIR AND DRY FORK CREEK. THE X BORINGS HAVE NEVER BEEN SAMPLED(SEE ADDENDUM 1 OF REPORT1,(1984).

NOTES FOR THIS TABLE:

SUFFIXES FOLLOWING THE SITE DESIGNATIONS:

S=SHALLOW, PRIMARILY IN THE UPPER ALLUVIAL AQUIFER

D=DEEP, PRIMARILY IN THE DEEP PRINCIPAL AQUIFER

I=INTERMEDIATE, DESIGNATION FOR NEW 1985-1986 MONITOR WELLS COMPLETED BETWEEN THE SHALLOW AND DEEP ZONES.

S&D= SHALLOW AND DEEP AQUIFERS

A= SHALLOWER OF THE 2 OR MORE KENNECOTT CLUSTERED WELLS

B=DEEPER OF THE 2 OR MORE KENNECOTT CLUSTERED WELLS

(2)THESE WELLS ARE BEING MONITORED FOR EVAPORATION POND INFLUENCES AS OF 1/86

NOTE: SAMPLE SITES WITH "$"OR * NEXT TO THEM WILL BE SAMPLED ANNUALLY.

SAMPLE SITES WITH "$$" WILL ALSO BE SAMPLED FOR COLIFORM & TOC ANNUALLY.

SAMPLE SITES WITH "$$$" WILL ALSO BE SAMPLED FOR RADIONUCLIDES ANNUALLY.

NOTE: FOR IN-HOUSE QUALITY ASSURANCE CHECKS, S39=BLANKS, DUPLICATES CAN BE RECOGNIZED BY THE FACT THAT THE DATES OF ANALYSES ARE IDENTICAL.

WELLS NEAR UCD MINE

WELL STATUS	L=LOG	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	GROUND ELEV FT	WELL DEPTH WHEN DRILLED/ AND VERIFIED	PERFORATED ZONES FT WHEN DRILLED	WATERLEVEL FT. MSL	DATE
										168.64/	
	$ L	*K 26 (WAS W 26)	S	1968	16445.	25275.	5164.	160.	100. - 160.	4994	11/7/78
K=KENNECOTT		K 43	D					200.	200.		6/20/85
MONITOR WELLS	L	$*K 60	D	1962	15413.	33493.	5008.	1000.	430. - 645.	4678	7/11/62
			(OLD KENNECOTT PROD. WELL)								
PLUGGED	L	K 61	S	1963	15288.	7166.	5714.	157/157	30. - 156.	5624	7/2/76
PLUGGED	L	K 62	S	1963	13650.	14671.	5613.	140.	10. - 91.	5605	5/4/79
PLUGGED		K 63	S	1963	12624.	15663.	5590.	31.	10. - 27.	5582	5/4/79
PLUGGED	L	K 64	S	1964	9549.	15128.	5581.	62. -NO WATER-	10. - 62.	DRY	7/30/68
		K 65	S	1964	8365.	13978.	5667.	18.	6. - 18.	5656.6	7/18/79
PLUGGED	L	K 66	S	1963	4704.	14487.	5726.	56.	10. - 56.	5708	11/8/68
GROUTED		K 67	S	1961	2745.	12842.	5971.	18.	10. - 18.	5935	3/13/75
GROUTED	L	K 67A	S	1967	2600.	12900.	5800. G	175.	10. - 18.	5774	6/1[illegible]/73
GROUTED IN '84	L	*K 67R	S	1972	1300.	14200.	5900. G	125.	10. - 100.	5814	7/2/81
										36.5/5863.6	10/83
	L	K 68	S	1967	-1260.	12958.	5916.	80.	10. - 80.	DRY	[illegible]/67
DESTROYED		K 69	S	1963	-3124.	12081.	5947.	70.	10. - 70.	5918	4/16/75
	$$$	*K 70	D	1964	9928.	19025.	5344.	313/313	***** -*****	5328	6/24/83
										13.93/5330	10/83
	L	*K 71	S	1963	-5736.	13911.	5710.	137.	10. - 137.	5675	8/17/81
										33.65/5676.	10/83
	L$	*K 72	S	1963	13841.	18189.	5459.	240.	10. - 240.	5272	6/24/83
										184.4/5274.6	9/83
PLUGGED	L	K 73	S	1961	14418.	9320.	5662.	170.	146. - 170.	5517	7/2/76
PLUGGED	L	K 74	S	1961	14497.	9269.	5593.	151.	120. - 151.	5498	3/26/74
PLUGGED	L	K 75	S	1961	14544.	9202.	5599.	154.	120. - 150.	5491	12/31/69
PLUGGED	L	K 76	S	1961	14628.	9118.	5618.	120.	100. - 120.	5513	7/ 2/76
PLUGGED	L	K 77	S	1961	14269.	9089.	5619.	142.	80. - 142.	5529	7/ [illegible]/76
PLUGGED		K 78	S	1964	15330.	7050.	5713.	102.	80. - 100.	5583	3/26/74
PLUGGED	L	K 79	S	1964	17217.	10004.	5922.	99.	NONE	DRY	5/ /64
PLUGGED	L	K 80	S	1967	19372.	12560.	5835.	57.	NONE	5786	6/12/73
PLUGGED	L	K 81	D	1968	23003.	14895.	5725.	1298/ 0	NONE	5598	1968
	L	K 82	S	1951	16288.	14588.	5422.	110/ 95	50. - 115.	DRY	6/24/83
	L	K 83	S	1951	16031.	14582.	5426.	100.	26. - 100.	5409	6/24/83
	L $$	*K 84	S	1966	15985.	21923.	5228.	157/42.2	OPEN	5211	6/28/83
										20.33/5207.7	10/83
GROUTED IN '83	L	*K 85	S	1966	16359.	21911.	5245.	100/83.3	OPEN	5211	6/[illegible]/83
GROUTED	L	K 86	S&D	1966	15963.	26352.	5132.	302/294.3	142. - 302.	4895	6/29/83
GROUTED	L	*K 87	D	1967	15608.	30201.	5054. G	370/358.8	235. - 375.	4965	6/2[illegible]/83
GROUTED	L	K 88	D	1966	17402.	24784.	5255.	331/323.	231. - 331.	5003	6/26/83
PLUGGED	L	K 89	D	1966	13541.	25651.	5245.	302.	***** -*****	PLUGGED	6/24/83
PLUGGED		K 90	D	1966	17913.	19818.	5388.	210/12.	***** -*****	DRY	6/24/83
PLUGGED		K 91	D	1967	14654.	9535.	5612.	252.	162. - 252.	5497	7/2/76
GROUTED	L	K 92AB		1967	16002.	22427.	5218.	410/39.8	50. - 115.	5194	6/29/83
		K 93	D	1968	16021.	13562.	5455.	765.	685. - 765.	5430	7/2/76
GROUTED	L	K 94	D	1967	16482.	22394.	5236.	220/73.8	200. - 220.	5179	6/83
DESTROYED		K 95									

WELL STATUS	L=LOG INCLUDED IN REPORT1 ADDENDUM 1	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED	ZONES FT WHEN DRILLED	FT. MSL	
GROUTED	L	K 96	S	1967	16197.	22409.	5232.	146/67.4	***** -*****	168.64/ 5199	4/83
	L	K 97	D	1967	18810.	20339.	5380.	514/21.6	280. - 500.	----	
		K 98	D	1967	13412.	14176.	5655.	1155.	***** -*****	----	
GROUTED	L	K 99	D	1967	15253.	45099.	4867.	261/220	***** -*****	4695	7/7/83
	L $$	*K100	S	1967	16020.	22400.	5220.	60/47	40. - 60.	5197	6/2/83
										24.45/5195.	10/83
GROUTED	L	K101	D	1968	16721.	22385.	5275.	240/130	150. - 240.	5160	6/28/83
PLUGGED	L	K102	D	1968	15964.	6698.	6021.	333.	338. - 408.	5703	1/20/73
GROUTED	L	K103	D	1968	17054.	22369.	5304.	213.	145. - 213.	PLUGGED	6/28/83
	L	K104	S	1968	16312.	22405.	5232.	78/78	45. - 75.	5199	6/28/83
	L $$$$	*K105	D	1968	14867.	22397.	5338.	350/330	190. - 350.	5129	6/83
	L$	*K106	D	1968	17558.	28836.	5140.	501/501	380. - 493.	4769	7/83
	L $$$$	*K109	D	1968	17611.	34847.	4976.	554.	403. - 540.	4681	6/68
		$ K109	WAS KENNECOTT'S PRODUCTION WELL								
GROUTED	L	K110	D	1968	16710.	22383.	5275.	175/148	155. - 175.	5164	6/83
	L	K111	D	1968	15559.	22396.	5262.	200/98	100. - 200.	5167	6/83
		K112	S	1968	15770.	22367.	5260.	94/86	84. - 94.	5197	6/83
GROUTED		K112A	S								
		K113	S	1968	16103.	22403.	5230.	76/63	52. - 72.	5197	6/83
GROUTED	L	K114	S	1968	15907.	22391.	5230.	88/75	58. - 88.	5193	6/83
	L	K115	S	1968	16005.	22531.	5215.	80/75	30. - 80.	5191	6/83
	L	K116	S	1969	16197.	22401.	5231.	65/57	50. - 65.	5198	6/83
	L	K117	S	1969	16374.	22424.	5228.	100/110?	95. - 110.	5201	6/83
GROUTED		K117A	S	1969	16364.	22394.	5227.	110/33	40. - 100.	5200	[illegible]83
GROUTED		K117B									
PLUGGED	L	K118	S	1969	16105.	22493.	5225.	110/99	35. - 110.	5194	6/83
GROUTED	L	K119	S	1969	16104.	22642.	5218.	105/49	85. - 101.	5186	6/83
	L$	*K120	S	1969	16193.	22553.	5226.	105/104	45. - 105.	5192	6/83
PLUGGED	L	K122	S	1968	3911.	16238.	5600. G	75/	21. - 75.	5588	[illegible]/81
	L	K123	S	1967	13530.	14184.	5652.	80/	50. - 80.	5639	10/78
		*K125		****	-2950.	16500.	********	*****	***** -*****	----	
		K189	D	1971	18990.	39500.	4880.	647.	***** -*****	----	
	L $$	*K201	D (2)	1978	8000.	40000.	4810.	715.	140. - 619.		
										121.83/4688	10/83
	L	K203	S	1976	13970.	16555.	5559.	25.	5. - 25.	5538	8/78
	L	K204	S	1976	13710.	15600.	5555.	30.	20. - 30.	5541	5/79
	L	K205	S	1976	9290.	15400.	5550.	10.	0. - 10.	----	
	L	K206	S	1976	13745.	14905.	5590.	40.	20. - 40.	5581	5/79
KENN. ENV. LAB WELL	$*	K349			54600.	18400.					
KENN. BARNEY'S		K404	D	1987				1200.			
WASH PRODUCTION WELLS		K405	D	1987				1300.			

WELLS NEAR UCD MINE

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	GROUND ELEV FT	WELL DEPTH WHEN DRILLED/ AND VERIFIED	PERFORATED ZONES FT WHEN DRILLED	DEPTH TO WATER/ WATERLEVEL FT. MSL	DATE
L=LOG INCLUDED IN REPORT1 ADDENDUM 1										
	*P155			2400.	7200.				168.64/ 103.3/	9/83
	P155=W155									
$	*P190A	S	1972	12591.	37968.	4904.	296/296	286. - 296.	4683	7/83
									224.85/4679	9/83
$	*P190B	D	1972	12581.	37976.	4904.	539/539	529. - 539.	4685	7/83
									222.54/4681.5	9/83
$	*P191B	D	1972	15826.	36200.	4959.	611/611	601. - 611.	4681	7/83
									277.8/4681	9/83
$	*P191A	S	1972	15789.	36183.	4959.	315/315	305. - 315.	4681	7/83
									278.25/4681	9/83
$$$	*P192B	D	1972	16450.	40900.	4862.	528/528	528. - 538.	4681	7/83
									181.95/4680	9/83
$	*P192A	S	1972	16450.	40900.	4863.	245/245	235. - 245.	4682	7/83
									181/4682	9/83
$	*P193B	D	1972	17597.	40764.	4874.	556/556	546. - 556.	4680	7/83
									195/4679	9/83
$	*P193A	S	1972	17589.	40769.	4875.	236/236	226. - 236.	4680	7/83
									194/4681	9/83
INACCESSIBLE $	*P194A	S	1972	13583.	42190.	4847.	312/292	302. - 312.	4680	7/83
IN '83-84 ROUND1$	*P194B	D	1972	13576.	42194.	4847.	412/421?	402. - 412.	4681	7/83
	P195	D	1972	18200.	48250.	4620.	437/437	427. - 437.	4477	11/78
	P196			15800.	31500.					
$	*P196A	S	1976	15968.	31107.	5061.	335/337	325. - 335.	4767	7/83
GROUTED	P196B	D	1977	15974.	31998.	5060.	575/575	565. - 575.	293/4768	10/83
									4768	7/83
L $	*P197A	S	1977	16918.	33642.	5004.	390/387	380. - 390.	4680	7/83
									323.92/4680.8	9/83
$	*P197B	D	1977	16924.	33657.	5004.	485/485	475. - 485.	4680	7/83
									324.1/4679.9	9/83
GROUTED 1986 $$$	*P198	D	1977	16359.	48261.	4699.	520/520	510. - 520.	4593	7/83
									105.49/4592.5	19/83
GROUTED 1986L $$$	*P199	D(2)	1977	15539.	49288.	4677.	695/695	685. - 695.	4573	7/83
									102/4575	

WELL STATUS	L=LOG INCLUDED IN REPORT1 ADDENDUM 1	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED	ZONES FT WHEN DRILLED	FT. MSL	11/83
		P201	S&D	1978	*********	*********	********	715/	140. - 619.	168.64/ ----	
		P202	D	1978			********	625/625	600. - 610.	----	
DRY		P202A	S						150. - 170.	DRY	9/83
DRY		P202B	D						350. - 370.	DRY	9/83
	$	*P202C	D		13200.	30000.			560. - 600.	335.6	9/83
PLUGGED		P203	S	1976	13970.	16555.	5559.	25	5 - 25		
PLUGGED		P204	S	1976	13710.	15600.	5555.	30	20 - 30		
PLUGGED		P205	S	1976	9290.	15400.	5550.	10	0 - 10		
PLUGGED		P206	S	1976	13745.	14905.	5590.	40	20 - 40		
	$$,$$$	*P207A	D		16000.	44000.		350/	220. - 350.		
	$$	*P207B	D		16010.	44010.		603/	540. - 580.	174.9/?	10/83
	L $$	*P208A	S	1980	12000.	25000.	5240	310/310	300. - 310.	205.75/? 5005	10/83 7/29/81
	L $$	*P208B	D	1980	12000.	25000.	5240	433/310	420. - 433.	230.75/ 5009.25 5015	10/83 7/29/81
GROUTED		P209A	D					244/		221/5019 DRY	10/83 7/5/83
	$	*P209B	D		16100.	30000.				DRY	9/83
	$	*P210B			18950.	48000.	******	435/		327.7/?	9/83
	$	*P211A	S	1980	64000.	29600.		275/	255. - 265.	101.73/? 139.77/?	9/83 9/83
	L $	*P211B	D	1980	64000.	29610.		600/	540. - 550.	138.91/?	9/83
	L $	*P212B	D		7200.	24200.		425/	400. - 413.	104.8/?	9/83
	L $	*P212A	S		7200.	24190.		200/	140. - 170.	104.68/?	9/83
	L	P213A	S	1978							
	L $	*P213B	D	1978	17000.	26400.		300/251	260. - 270.	241.88/?	9/83
	L $	*P213C	D	1978	17050.	26410.		403/351	362. - 372.	243.38/?	9/83
	$	*P214A							262. - 275.		
	$	*P214B							380. - 400.		
	L	P215	S	1980	16000.	44000.		130/54	75. - 115.	36.85/?	10/83

PLUGGED		L	P216	S	1979							
COVERED		L	P217	S	1979					65. - 105.		
COVERED		L	P218	S	1979							
COVERED			P219		1979							
		$	*P220	S	1979	11400.	16000.				12.1/?	9/83
COVERED			P221		1979							
COVERED			P222		1979							
COVERED			P223		1979							
COVERED			P224		1979							
		$	*P225	S	1979	12000.	17200.				8.75/?	10/83
COVERED			P226		1979							
COVERED			P227		1979							
		$	*P228	S		-3200.	14300.				18.6/?	10/83
COVERED			P229									
COVERED			P230									
		$	*P231			3600.	20000.					
COVERED			P232									
COVERED			P233									
GROUTED	1986	$	*P234	S		4400.	14700.				15.62/?	10/83

NOTE: WELLS P239-P241B DRILLED IN 1984 AS PART OF PHASE1 DRILLING

WELLS P242-P256 DRILLED IN 1985-1986 :PART OF PHASE1 DRILLING

(REPLACEMENT K67R)*P239	S	$$$		1984	1315.	14210.		110	90-100	65	8/85
(REPLACEMENT P198)*P240A	=12S		$	1984	16380.	48277.	4698.	200	100-150	101	6/85
(REPLACEMENT P198)*P240B	=12D		$	1984	16388.	48277.	4697.	360	280-360	94	6/85
(REPLACEMENT P202) P241A	=15S		$	1986	12475.3	32336.4	5043.8	330	310-330	276.3	6/86
(REPLACEMENT P202)*P241B	=15I		$	1984	11200.	29600.		600	530-570	337	6/85
(REPLACEMENT P202) P241C	=15D		$	1986	9803.7	32426.9	5010.2	440			

INACCESSIBLE P235

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	DEPTH WHEN DRILLED/ AND VERIFIED	PERFORATED ZONES FT WHEN DRILLED	W.L.FT. M.S.L.	11/83 DATE
L=LOG INCLUDED IN REPORT1 ADDENDUM 1				(SURVEYED IN BY PSA, 1985, AT WELL POINTS)		CASING TOP				
$	P242 =6S	S	1985	17715.92	21318.0	5352.06	196	170-190	166.4/5184.6	9-30-85
$	P243 =2S	S	1985	6606.8	19471.2	5411.57	87	65-85	60.8/5350	9-30-85
$	P244A=1S	S	1985	2266.3	16139.4	5680.74	57	45-55	47.8/5363	9-30-85
$	P244B=1I	I	1985	2278.1	16123.5	5682.36	82	70-80	49.5/5633	9-30-85
$	P244C=1D	D	1985	2285.3	16110.0	5683.48	134	113.5-133.5	48/5632	9-30-85
$	P245 =3S	S	1985	10370.3	16090.6	5544.19	140	120-140	62.5/5482	9-30-85
$	P246 =4S	S	1985	14267.3	18113.8	5500.12	260	205-225	216.3/5284	1-17-86
$	P247A=13S	S	1985	12298.4	51521.4	4634.0	230	209-229	187.15/4446	4-18-86
$	P247B=13I	D	1985	12263.7	51281.5	4621.62	905	615-665	174.0/	4-14-86
$	P248A=5S	S	1985	15485.1	17874.8	5334.8	100	80-100	61.1/5274.9	3-18-86
$	P248B=5I	D	1985	15490.8	17849.4	5336.6	140	120-140	62/5274	1-15-86
$	P248C=5D	D	1985	15496.0	17827.6	5338.4	200.5	178-198	60/5272	12-23-86
$	P249A=7S	S	1986	20424.1	27238.3	5152.4	329	308-328	259/4853	4-18-86
$	P249B=7I	D	1986	20394.5	27233.2	5153.7	400	370-390	256.5/	6-3-86
$	P250A=8S	S	1987				---			
$	P250B=8I	D	1987				400			
$	P251 =9S	S	1986	32810.00	59890.00	4393.6	145	120-140	20.85/	4-4-86
$	P252A=10S	S	1986	23165.8	53460.4	4553.6	155			
$	P252B=10I	D	1986				255			
$	P252C=10D	D	1986	23126.4	53462.4	4554.5	DEPTH	PERFORATED		

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED	ZONES FT WHEN DRILLED	W.L. FT M.S.L.	DATE
L=LOG INCLUDED IN REPORT1 ADDENDUM 1										
$	P253A=11S	S	1986	14290.7	59035.1	4475.0	135	115-135	47.11	5-30-86
$	P253B=11D	D	1986	14267.9	59027.2	4474.9	390	365-385	51.07	2-7-86
$	P254A=14S	S	1986	12410.7	48199.5	4758.0	217	197-217	159.54	5-18-86
$	P254B=14D	D	1986	12412.51	48222.32	4756.9	387	335-355	156.8	2-7-86
$	P255A=16S	S	1986	4530.9	46464.2	4683.7	60	40-60	17.52	6-25-86
$	P255B=16I	D	1986	4530.6	46486.4	4683.00	160	125-145	15.75	6-25-86
$	P256 =17S	S	1986	7218.	48342.8	4640.3	287	240-260	28.35	4-18-86
$	P257	S	1986	6653.8	46176.6	4686.5	115	70- 90	16.03	8-21-86
$	P258A	S	1986				90.5	67-87		
$	P258B	D	1986				235	214.5-234.5		
$	P259									
$	P260									
$	P261	S	1986				120	100-120	------	
$	P262	S	1987				197	176.5-196.5		
$	P263						260			
$	P264						142			
$	P265									
$	P266						235	215-235		
$	P267A									
$	P267B						165			
$	P268	S	1987				240	220-240		
$	P269	S	1986				155	135-155	112.95	10-23-86
$	P270									
$	P271	S	1986				85	65-85	40.68	10-16-86
$	P272	S	1986				105	85-105	63.48	10-23-86
$	P273									
$	P274	D	1986				305	285-305	246.7	10-16-86
$	P275	D	1986				170	149.5-169.5	122.5	9-23-86
$	P276									
$	P277	D	1986	NOT COMPLETED. TEST BOREHOLE TO 1300', THEN GROUTED. THE WELL WILL BE COMPLETED AT APPX. 450						

NOTE: THE X SERIES PIEZOMETERS NEAR THE RESERVOIR AND PIEZOMETERS P217,P218, P219, P203, P204, P205, P206, P233, P223, P216, P226, PP227, P224, P235, P232, P229, P221, P222, ARE PLUGGED OR NOT SAMPLEABLE. BORING LOGS ARE INCLUDED IN THE ADDENDUM TO REPORT 1, FOR X1--X14A; X-18,19,22,23,37,38,39,40,41,42, 43,62,63,& 64.

LOGS FOR THE NEW MONITOR WELLS DRILLED TO DATE ARE INCLUDED IN THIS REPORT(1986).

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- S=SURFACE WATER SITE DESIGNATIONS, -
- LOCATIONS AND GEOLOGIC             -
- UNITS FROM WHICH SPRINGS           -
- WERE SAMPLED.                      -
-                                    -
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DESIGNATIONS		N-S	E-W	ELEVATION		
JORDAN RIVER 9000S S 1 $$$*	****	25500.	68700.	4291. G	*****	***** -*****
JORDAN RIVER12300S S 2 *	****	3500.	67900.	4328. G	*****	***** -*****
JORDAN RIVER RANDOMS 3						
JORDAN RIVER 9400S S 330 (WAS S11)*						

NOTE: S21-S22B ISSUE FROM LIMESTONE/PENNSYLVANIAN AGE OQUIRRH GROUP

BUTTRFLD CK'ABOVE'						
LARK MINE-BINGHAM MINE ABOVE	****	-1400.	22500.	5275. G	*****	***** -*****
PORTAL DRAINAGE... S21$$*						
LARK MINE-BINGHAM MINE PORTAL						
DRAINAGE..... S21A *	****	-2150.	21900.	5300. G	*****	***** -*****
BUTRFLD CK & BINGHAM MINE PORTAL						
LARK DRAINAGE..... S21B *						
SPRING-WAS USED....S 22A *	****	-2500.	13600.	5850. G	*****	***** -*****
FOR TOWN OF LARK						
SPRING-BUTRFLD CK.. S22B *	****	-3100.	15500.	5600. G	*****	***** -*****
MIDAS DRAINAGE.....S 25						
S 27 =W27	****	17850.	18490.	5440. G	*****	***** -*****
DRY FORK SHOPS S 29	****	- 2400.	-4000.	6200. G	*****	***** -*****
TIEWAUKEE SHAFT S 30						
(NEAR NORTH ORE SHOOT)						
PROVO RSVR CANAL	****	-21600.	60400.	4475. G	*****	***** -*****
16150S 2000W..... S33 *						
PROVO RSVR CANAL						
9000S 4250W.DRY'83,'84 S33A *						
UTLAKE DSTRBT.CANALS 34	****	-14200.	59600.	4550. G	*****	***** -*****
UT&SL CANAL.....S 35	****	-11400.	60500.	4475. G	*****	***** -*****
S. JORDAN CANAL....S 36	****	16000.	26600.	5160. G	*****	***** -*****
BECKSTEAD DITCH....S 37	****	18000.	64200.	********	*****	***** -*****
10250S 1300W						
J. RIVER 10600S. S38 * =S55	****	15400.	70100.	4307. G	*****	***** -*****
BLANK:DISTILLED WATER S 39						
BUTTRFLD. CANYON SPRING	****	-11200.	8000.	5900. G	*****	***** -*****
OLD SCOUT CAMP..... S40 *						
BELOW NV TRACT&MINE DUMPS						
S 41	****	-1700.	19300.	5420. G	*****	***** -*****

C-7 DITCH	S 45	- MONITOR NEAR SMELTER
ARTHUR ADVERSE	S 45A	-
MAGNA ADVERSE	S 45B	-
TAILINGS RETURN	S 45C	-
REFINERY DRAIN	S 46	-
COMBINED STREAMS...	S 46C	-

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ST.JOEXINGU.S.MINE S 47  NOTE:S47-S52 IN LARK MINE AREA UNDERGROUND
BINGHAMMETALSU.S.
MINE...............S 48
BINGHAM TUNNELU.S.
MINE...............S 49
1847DRIFT U.S.MINE S 50
1345 INCLINE       S 51
LARK BRANCH BINGHAM
TUNNEL U.S.MINE... S 52
BUTTERFLD.PORTAL
U.S.MINE.......... S 53 $$$*     ****        -10000.    9900.      6200. G        *****        ***** -*****
J.RIVER 6400S      S 54  *                     43200.   64400.
J.RIVER 10600S     S 55       =S38****         15400.   70100.      4307. G        *****        ***** -*****
N. BINGHAM CK.     S 56  *        ****         32100.   64000.      4340. G        *****        ***** -*****
J.RIVER 8000S.     S 57  *        ****         31800.   64000.      4340. G        *****        ***** -*****
WILKINSON DRAIN    S 58           ****         30000.   63900.      4400. G        *****        ***** -*****

DRY FORK CREEKEAST S 59 DRY       ****         16500.    6000.      6100. G        *****        ***** -*****
DRY FORK CREEKWEST S 59A DRY-     ISSUE FROM THE L.PERMIAN CURRY PEAK
                                  FREEMAN PEAK FORMATIONS
MIDDLE FK WATRTUNELS121
  S121&S29 MONITORED FLOW
  FROM OQUIRRHS TO DRY FORK SHOPS APPX. 1974 NOW
  GET WATER FROM WELL 109
JORDAN RIVER14600S   S166 *       ****        -11000.   62800.      4425. G        *****        ***** -*****
BINGHAM RESERVOIR.. S200 $$,$$$*               16000.   20000.      530 5. G        *****        ***** -*****
LEACH FLUID.......   S236 $$$*
BINGHAM PIT WATERS   S237 $$$* TERTIARY INTRUSIVES
EVAP. POND INFLOW    S238 $$,$$$*
*NOW S354
J. RIVER 4800S....   S313 *
J RIVER CANAL5800S   S314 $$$,*
BUTRFLD+MIDAS
CREEKS1200W11600S..  S315 *
CRYSTAL SPRING....   S316 *    PENNSYLVANIAN LAKE POINT LIMESTONE
S. KENN. DUMP FLOW   S317 $$$*
BARNEY'S SPRING...   S318 $$$* TERTIARY VOLCANICS?
MAPLE SPRING&INFLOW  S319 *    TERTIARY VOLCANICS?
CARROL DRAIN11800S
1300W  ...........   S320 $$$*
MIDAS CREEK 11500S
1300W  ...........   S321 $$$*
ROSE CANYON CREEK
6400W 14000S......   S324 *   TERTIARY VOLCANICS? FLOW ALONG QUATERNARY
                          ALLUVIUM
J.RIVER 9400S.    *S 330                        23000. 64000.
        1200W.
 SPRING SAMPLE    *S343 SUPPOSEDLY FROM


 1370 W  7300S          AN ARTESIAN WELL         36800.  63800.

 SPRING SAMPLE    *S344
 7560S. 1200W.                                   35400.  65200.

 OLD EVAP. PONDS  *S350                          14000.  44000.
 EITHER POND3 OR 5
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EVAP. POND 4000 WEST	*S351	16000.	48500.
SOUTH EVAP. POND	*S352 $$	8500.	45000.
SMALL RESERVOIR (UNTREATED MINE STREAM)	*S353	17200.	21400.
TREATED COMBO. MINE STREAM (LIME TREATMENT) *WAS S238 IN '84	*S 354 $$,$$$	16000.	22000.
NOSE WATER+MINE WATER UNTREATED	*S 355	15600.	13600.
80 ACRE CLAY LINED POND	*S 356		
J.RIVER EFF. NEAR COPPERTON CEMETARY	*S 357		
CEMETARY POND	*S 358		
BINGHAM TUNNEL DRINKING WATER	*S 400		

- W=PRIVATE WELL SITES AND
- APPROXIMATE WELL LOCATONS

WELL USE CODE:
IR=IRRIGATION
ST=STOCK WATERING
D=DOMESTIC
A=ABANDONED
K=KENNECOTT MONITOR WELL
M=MUNICIPALITY
IN=INDUSTRIAL

WELL USE(S)

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	WELLS NEAR UCD MINE N-S COORDINATES	E-W COORDINATES	GROUND ELEV FT	WELL DEPTH WHEN DRILLED/ AND VERIFIED	PERFORATED ZONES FT WHEN DRILLED	DEPTH TO WATER/ WATERLEVEL FT. MSL	DATE
L=LOG INCLUDED IN REPORT1 ADDENDUM 1										
									168.64/	
OWNER NAMES	DESIGNATIONS									
D.R.BATEMAN GONE	W 4	D	1911	34675.	63225.	4350.	235.	IR	***** -*****	4348	4/71
7800S 1400W		FLOWING 10GPM W5 GONE								
WELBY 9200S4400W	W 5	S	1909	24875.	46125.	4677.	120.	IR	***** -*****	4628	6/74
BOOTH GONE	W 6									
LEHMITZ GONE	W 7									
------12600S6400W	W 8		****	1850.	32500.	4990.	*****	IR	***** -*****	4690	10/67
OLD HAND DUG WELL REPLACED BY W108										
MABEY 10593S2700W	W 9	GONE	****	15400.	56500.	4535. G	*****		***** -*****		
MAGERS	W 10	GONE								
TATEOKA10200S3200W L	W11	D	1955	18000.	53600.	4593. G	472/472	IR	190. - 471.		
LUCAS	W 12		NOT FOUND							
MICHALS	W 13	GONE								
BUSH	W 14		NOT FOUND						130. - 135.	4617	
PROVOWATERUSERS1 L	W 15	S&D	1956	7000.	46550.	4683. G	536.	IR	80. - 500.	4606	3/56
11800S4300W L		GONE									
PROVO WATER USERS2	W 16	S&D	1957	4525.	46425.	4687. G	384.	IR	50. - 384.	4658	3/57
12200S4300W L		GONE									
WPHELPS11946S3600W	W 17	S	1910	6225.	50625.	4597. G	130.	D	***** -*****	4597	4/71
		FLOWING									
J.S.BUTTERFIELD	W 18	D	1954	1925.	32425.	4990. G	295.	IR	200. - 295.	4790	8/58
12000S6400W L											
H.K.BODELL(WALKER)L	W19	D	1961	650.	35600.	4928. G	391.	IR	250. - 380.	4732	6/61
6000W12800S L											
R.I.BOWLES L	W 20	D	1954	-600.	33950.	4980. G	269.		230. - 265.	4822	4/54
6250W 12900S											
J. DANSIE HANDWELL	*W22	S	1900	-1770.	23445.	5295.	*****	D,IR	***** -*****	5279	7/71
13200S 7800W											

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED		ZONES FT WHEN DRILLED	FT. MSL	
L=LOG INCLUDED IN REPORT1 ADDENDUM 1											
J.A.DUMONT LARK 12600S 8600W	W 23		1956			5480.			140. - 360.	168.64/ 5415	4/57
USSR&M CO. PLUGGED 7800W 12200S	W24			4500	240000	5200				5077	10/67
ROBBE;NOW KENNECOTT K26;10500S7500W L	W 26	S	1968	16445.	25275.	5164.	160.	K	100. - 160.	4984	4/77
CONOCO STATION COPPERTON8500W 10200S	* W 27	D	1953	17850.	18490.	5440. G	220.	A	200. - 210.	5361	8/53
RAILROAD WELL DRY FORK SHOPS										5228	2/45
BARNEYS CANYON CITY OF COPPERTON	L *W 31	D $$$	1945	26576.	19656.	5368.	1274.	D	149. -1218.	5023	10/67
**NOTE: W32A-C WERE KENNECOTT'S, NOW THEY ARE COPPERTON'S											
COPPERTON CITY	L W 32A		1944	26900.	26300.	5129.	910.	M	***** -*****	----	
8100W 8900S	L W 32B	S&D	1944	27159.	21101.	5313. G	1200.	M	85. - 992.	----	
(BARNEY'SCANYON)	L W 32C	S&D	1945	26576.	19657.	5368. G	1274.	M	149. -1218.	----	
BASTIAN/HERRIMAN IRRIGATION 13200S 8400W	L*W 41A	S$$	1950	-1700.	19300.	5420. G	190.	D,IR	45. - 73.	5405	10/67
H.SCHMIDT 9800S 3200W TURF FARM	L W 42	D	1961	20440.	53650.	4580. G	346/350	IR	218. - 344.	4424	4/61
E.L.MAYNARD	L W 43	S&D	1954	-3200.	51025.	4598.	447.	IR	155. - 447.	4454	8/58
3600W13400S											
S.G.DIAMOND 9200S3400W	L W 44	D	1961	23750.	51050.	4429. G	373.	IR	320. - 373.	4429	4/67
S.L.CTY.CNCVNCY.DST	L W54	D	1965	41980.	70590.	4305. G	1000.		351. -1000.	4284	8/65
600W 6400S JONES	W 95	PLUGGED	1966	18200.	26367.	5212.	375/0		***** -*****	4879	11/66
WESTLAND HILLS#1 9800S 4800W	*W107 L	D	1966	20893.	43287.	4799.	400/400	IR,D,ST	262. - 366.	4643	8/66
WESTLAND HILLS#2 9800S 4800W	*W108	D	1967	20433.	43285.	4808.	462.	IR,D	215. - 460.	4638	9/67
IRRIGATION WELL	W124 CAPPED	D	1944	26900.	26300.	5129.	910/910		180. - 750.	4974	4/44
T. NICOLETTI NOW KENNECOTT'S	*W125=K125		****	-3000.	16500.	5660. G	*****	K	***** -*****	----	

J. DANSIE LARK		W126	S&D	1961	-1750.	23450.	5262.	G	350.	IR	80. - 350.	5397	8/61
7800W 13100S													
OHIO CU CO.	L	W127	S	1945	3725.	20600.	5400.	G	186.		***** -*****	5400	10/45
12300S 8300W	NEVER FOUND ARTESIAN .5 GPM												
W.H. BOOTH		W128	S	1957	23700.	48450.	4660.	G	231.		229. - 231.	4780	4/57
9400S 4000W			GONE										
F. AKITA	L	W129	S&D	1963	8480.	52200.	4570.	G	320.		170. - 320.	4420	4/63
CAN'T LOCATE													
DANSIE HERRIMAN		W130		****	-1250.	26800.	5150.	G	*****	D	***** -*****	----	
13100S 7200W	NOT LOCATED												
C.FASSIO	L	* W131A	$$$	1965	450.	38300.	4870.	G	*****	D,ST	210. - 310.	187/-	5/65
5600W 12800S													
C.FASSIO		* W131B		****	750.	38300.	4870.	G	*****	D,ST	***** -*****		
C.FASSIO		W131C		****	1150.	38300.	4870.	G	*****	D,ST	***** -*****		
D.HAMILTON	L	W132 D		1965	-3475.	33550.	4900.	G	528.	IR	220. - 524.	4845	3/65
13400S 4400W													
MALSTROM WELBY		W133	S	1961	26140.	46650.	4655.	G	160.	IR	115. - 160.	4568	6/71
*NO LONGER SAMPLEABLE													

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED	ZONES FT WHEN DRILLED	FT. MSL	
L=LOG INCLUDED IN REPORT1 ADDENDUM 1										
O.MADSEN 12600S 4311W	L * W134	D	1966	1725.	46250.	4695. G	207. D	192. - 207.	168.64/ 4663	9/66
T. MASCARO 12600S 4335W	L W135	S&D	1965	1700.	47675.	4670. G	273. D	105. - 270.	4670	1/65
RIVERTON CITY (GARAMENDIWELL12600S 4335W)	L * W136	S&D $$$	1963	1525.	48225.	4658. G	700. D,M	140. - 414.	4577	3/63
D.E.HAMILTON	W137		****	-2500.	46700.	4685. G	***** IR	***** -*****		
13400S 4258W WILCOX8700S3650W	W138 L	GONE	1960	27440.	50675.	4575. G	168. D	***** -*****	4430	11/67
8400S 3400W R.H.GOFF	W139	GONE	****	29600.	51800.	4522. G	162.	***** -*****	4257	11/67
WEBB 8760S 3400W	W140 NOT LOCATED		****	29000.	51500.	4530. G	135.	0 - 125	4385	11/67
K. MOTOKI 12408S.3600W.	* W141			3000.	51000.		D			
C.M.BILLS 12191S 3600W	L * W142 FLOWING	S&D	1964	3800.	51200.	4585. G	200. D,IR	129. - 200.	4585	4/64
G.W.OAKESON 12408S 3600W	W143		****	2700.	50700.	4605. G	***** D	***** -*****		
M.B.JENSEN(H.SEAL) 12653S. 3600W.	*W144 L	S	1949	1525.	51075.	4600. G	154. D	150. - 154.	4600	9/49
DELUCA 4091W 13400S	W145		****	-3800.	48300.	260**	***** D	***** -*****		
BOULDEN(HATCH) 14400S 3598W	* W146 L FLOWING	S&D	1955	-9925.	51060.	4662. G	500. D	190. - 500.		
GARDINER 8660S 2550W	W147	GONE	****	27900.	57100.	4455. G	*****	***** -*****	4662	11/55
LEAKE 9000S 3000W	W148	GONE	****	25100.	54500.	4507. G	*****	***** -*****		
PAPPAS(G.FULLMER) 9200S 2200W	W149	GONE	****	24000.	58500.	4462. G	***** D	***** -*****		
STAKE FARM 13400S 3000W	W150		****	-3700.	54500.	4540. G	202. IR	***** -*****		
P. SCHMIDT 9120S 1700W	*W151 $$$		****	24800.	61200.	4373. G	****/90 D,IR	***** -*****		

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED	ZONES FT WHEN DRILLED	FT. MSL	
L=LOG INCLUDED IN REPORT1 ADDENDUM 1										
O.J.WILKINSON 10826S 1300W	*W152	S	****	13800.	64000.	4394. G	*****	D,IR ***** -*****		
									168.64/	
F.E.SMITH 11558S 1700W	* W153		****	9500.	61100.	4445. G	*****	D ***** -*****		
P. GROVES 11400S 1327W	L *W154	D $$$ FLOWING	1946	9800.	63750.	4375. G	215.	D 211. - 215.	4375	7/46
W.J.DAVIS 12552S 1700W	*W155 =P155 WELL DESTROYED,SHOPPING CENTER BUILT		****	2400.	61200.	4437. G	220.	A ***** -*****		
H.CANNON-BLUFFDALE 13554S 1300WB.BROWNW156A	W156		****	-4450.	64200.	4375. G	*****	***** -*****		
CRUMP 1300W 1400S	W157		****	-7050.	63850.	4400. G	*****	***** -*****		
LEWIS 1700W 14500S	W158		1920	-1100.	61200.	4400. G	50.	***** -*****	4395	6/72
SORENSON CONSTRUCTION 3600W 5300S	W159S&D L	GONE	1960	49950.	50575.	4492. G	350.	182. - 350.	4402	2/71
S.L.COUNTY 3200W 6200S	W160		****	44500.	53550.	4560. G	*****	***** -*****		
STEFFENSON 6000S 1300W	W161 NOT LOCATED		1907 FLOWING 30GPM +15'LSD	45300.	63800.	4375. G	150.	***** -*****	4335	11/67
L.D.PALMER 10085S 1000W	* W162		****	18000.	66720.	4350. G	*****	D		
F.HANCOCK 10357S 1000W	L * W163		1951	16600.	67975.	4350. G	175.	D 171. - 175.		
R.GARRETT 13650S 1200W	L * W164	D $$$	1963	-4800.	61200.	4375. G	248.	D 135. - 235.	4375	4/63
STATE PRISON LAND 700W 14200S	W165 L	D	1954	-1850.	68150.	4430. G	825.	309. - 340.	4385	3/54
MULCH PLANT 10100S 5200W	* W167 L	D	1964	19050.	40550.	4862. G	280.	D 200. - 280.	4672	7/64
D.E.HAMILTON 4358W 13400S	W170		1959	-1400.	43000.	4765. G	*****	IR 98 - 400.	4665	2/64

WELL STATUS L=LOG INCLUDED IN REPORT1 ADDENDUM 1	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED	ZONES FT WHEN DRILLED	FT. MSL	
D.E.HAMILTON 13400S 4258W	W171		1959	-2500.	43100.	4780. G	480. IR	100 - 445	168.64/ 4659	2/64
E.H.DANSIE-WOODWARD 13000S 3400W	W172	S&D	1959	-800.	52220.	4575. G	248. IR	135. - 235.	4458	7/59
D.E.HAMILTON 13400S 4258W	L *W173	S&D	1954	-3300.	46500.	4692. G	625. D,IR	138. - 615.	4562	3/58
B.GARDINER 13850S 4000W	*W174	D $$$	1958	-6800.	48090.	4645. G	150. D	0. - 147.	4515	3/58
J. ADOLPHI 13800S 3301W	*W175	REPLACED	1969	-6300.	52800.	4545. G	165. D,ST	165-200.	4400	-/64
W.PETERSON 12350S 1300W	*W176	$$$ FLOWING	1938	3350.	64200.	4407. G	275. D	262. - 275.	4406	-/38
J.TRANE 8065S 1300W	W177		****	31500.	64900.	4310. G	***** IR	***** -*****		
D.GARDNER 8446S 1300W	*W178	FLOWING	1922	29400.	63900.	4346. G	***** ST	***** -*****	4328	3/58
FUR BREEDERS 8400S 600W	* W179	S&D	1946	28450.	68890.	4290. G	211. D,ST	95. - 211.	4290	4/46
FUR BREEDERS 8400S 600W	* W180	S&D	****	29500.	69000.	4380. G	***** D,ST	***** -*****		
A.L.HARRISON 10437S STATE ST W181-A	W181	GONE	****	18900.	69500.	4305. G	*****	***** -*****		
V. BECKSTEAD 10230S 300W	* W182		1895	17450.	71000.	4375. G	114. ST,D	X-114 4382 -/1 895		
T.GARDINER 14001S 4000W	L W183		1919	-7800.	48800.	4670. G	150. D	X-185 4519 3/32		

WELL STATUS L=LOG INCLUDED IN REPORT1 ADDENDUM 1	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	ELEV FT	WHEN DRILLED/ AND VERIFIED	ZONES FT WHEN DRILLED	FT. MSL	
S.STEFANOFF 2465W 12600S	W184		1961	1300.	57000.	4502. G	357.	103 -347	168.64/	4416 9/66
HERRIMAN CITY 6400W 13100S	L* W185	S&D $$$	1955	-1390.	32200.	5020. G	615. D,IR	180. - 483.	4885	4/55
J.DANSIE HERRIMAN 1166W.MAIN	W186						D			
DEE'S 3200W 9000S	W187	D	1965	25200.	50850.	4595. G	440. ST,IR	200. - 440.	4410	2/65
D.BROWN 12600S 4400W	W188	D	1956	1350.	48330.	4645. G	93. ST,D,IR	83. - 93.	4576	9/56
INTERSTATE BRICK 9210S 5200W	L*W189	D $$,$$$	1971	18900.	38600.	4880. G	647. D,IN	350. - 637	200/- 4680/	9/71 9/71
FRAUGHTON 1300W 10400S	L *W300	$$	****	16750.	64260.	********	***** D,IR,ST	270. - 295		
ANDERSON 1300W 1000S	*W301	D $$ FLOWING	****	19375.	64300.	********	175. IR,ST,D	80. - 160.		
NAYLOR 1300W 9778S	L *W302	D FLOWING	****	20844.	64000.	********	***** IR	***** -*****		
BROWN 9400S 1200W	W303	D GONE	****	23250.	64250.	********	***** IR,A	***** -*****		
FARNSWORTH 1540W 10315S	L * W304		****	16825.	62875.	********	*****D,IR,ST	150. - 152.		
TAC 1705W 9400S	* W305		****	22375.	61250.	********	*****D,IR	***** -*****		
W.GYGI 1300W 10025S(STARTED FLOWING 10 YEARS AGO WHEN CASING RUSTED OUT AT 175 FT.)	* W306	D FLOWING	*****	19175.	64250.	********	175. IR	***** -*****		

J. MCKEE 2700W 10806S		W307	14400.	56200.				
P.TOLBERT 10400S 4850W	*	W308	17200.	42400.				D
L.R.BATEMAN(2) 4475W11800S	* L	W309 $$ (2)	7400.	45400.				D
BOWLES (2) 3846W 11800S	*	W310 $$ (2)	7000.	49600.				D
SCHOUTEN (2) 3883W11800S	*	W311 $$ (2)	7010.	49100.				D
B.TIDWELL(2) 11668S 3800W	L *	W312 $$ (2)	9000.	50000.				D
BRENT DANSIE 1089MAIN HERRIMAN	*	W322	0000.	35600.				D
L.B.WALL 14200S6446W	*	W323 NOTE: S324 IS S.W. SITE ROSE CANYON CREEK	-9000.	32100.	140.	60G.P.M.		D,ST,IR
J. HOLLAND 12948S 4400W	L *	W325 $$$	0000.	45400.				D,M

WELLS NEAR UCD MINE

WELL STATUS	WELL NO.	TYPE (1)	DATE DRILLED	N-S COORDINATES	E-W COORDINATES	GROUND ELEV FT	WELL DEPTH WHEN DRILLED/ AND VERIFIED	PERFORATED ZONES FT WHEN DRILLED	DEPTH TO WATER/ WATERLEVEL FT. MSL	DATE
L=LOG INCLUDED IN REPORT1 ADDENDUM 1										
RIVERTON CITY (HAMILTON) 3800W 13400S	* W326	$$$		-3600.	50000.		D,M		168.64/	
RIVERTON CITY (9MAYNARD) 3600W13600S	* W327	$$$		-5000.	51025.		D,M			
RIVERTON CITY (GEDGE)2290W13400S	* W328	$$$		-34000.	59000.		D,M			
WEBB,A.JENSEN 14955S 1800W	* W329	$$		-10000.	62000.		D			
	W330=S330									
J.N.BUTTERFIELD 12256S. 4000W.	* W331			4600.	48600.		D			
P.SOLMONSEN 7440S.HWY.111	*W332			36600.	29100.		D			
T. OTLEY 5892S. HWY.111	*W333	$$		46400.	25600.		D			
B.GOLDSMITH 7551S. 5490W.	*W334			35400.	38400.		D			
D. KUNZ 7374S. 5490W.	*W335			36000.	38500.		D			
G. LARSON 7800S. 5250W.	*W336			33600.	40000.		D			
B. HAM 3564W. 11010S.	*W337	GROUTED IN 1986, REPLACED BY P247A,B P247B HAS A PUMP.		12200.	51600.		D			
F. WELLS 11000S. 3500W.	*W338			12600.	51800.		D			
R.K.PETERSEN 12009S. 4000W.	*W339			5800.	48600.		D			
HARMON UT ROSES GEOTHERMAL WELL 634W 14600S	*W340			-10000.	69600.		D,IR			

MURRAY FAIR GRDS.*W341 5250 S. 300E.		FLOWING	50600.	78000.	D				
MURRAY FAIR GRDS.*W342 5250 S. STATE		FLOWING	51200.	76000.	D				
D.H.GREENWOOD 10400S 300W	*W345		16600.	71000.	D				
K.KEMP 7600S. 9TH E.	*W346	PINE HOLLOW TREE FARM	35200.	77000.	D				
D.H.HOLTCAMP 5060S. 1250W.	*W347		52600.	64000.	D				
B. CHRISTIANSEN 2906W. 7000S.	*W348 $$		39000.	54800.	D				
HERCULES NEW WELL IN '84 BY EAGLE ROCK	*W359		52400.	18000.	D				
K.SCHULTZ 5338W.7800S.	*W360	(NEW WELL DRILLED IN '85)	33200.	39200.	D				
W.JORDAN CITY 5600W.9000S.	*W361 $$		25600.	38000.	D				
NORM JESSE 3300W 11100S	W362		12000.	53200.					
CITY W JORDAN 5600W 9351S	W363		22400.	38400.					
ROBINSON 3892W 11800S	W364		7000.	49000.					
GARNER 3864W 11800S	W365		7000.	49550.					
CANDALOT 3807W 11800S	* W366		7000.	49650.		125'	---	32'	1973
J.N. HOGGE	* W367		7400.	49600.		----	---	180'	1974
11723S 3800W									
MCLANE/ANDREWS* 3668W 11800S	W368		7000.	50800.					
K. RASMUSSEN 11766S 3600W	* W369		7400.	50900.					
T. RASMUSSEN 11676S 3600W	* W370		7800.	50900.		225'	---	170'	1978
OWEN BRINGHURST* 11630S 3600W	W371		8200.	50900.					

CRAIG PETERSON * W372 11875S 4000W	7000.	48200.	118' ---	30'	1977
LARRY SCHOUTEN *W373 12090S. 3600W.	5200.	50900.			
G. DUTSON 12235S. 4000W. *W374	4300.	48200.			
CRAIG BUTTERFIELD 12210S. 4000W. *W375	4700.	48200.			
B. BUTTERFIELD 12236S. 4000W.*W376	4750.	48200.			
CLAY BUTTERFIELD 12260S. 4000W. *W377	4800.	48200.			
B. DUTSON 12299S. 4000W. *W378	3500.	48200.			
J.W.IVERSON 12311S. 4000W.*W379	3400.	48200.			
B. COULTER 12395S. 4000W. *W380	3000.	48200.			
SUGAR FACTORY 2100W.8100S. *W381	31500.	59300.			
ROY PETERSON W382 12012S. 3600W.	4290.	50900.			
JENKINS W383 12222S. 3600W.	4305.	50900.			
C.W.BRIGHT. W384 12400S. 3600W.	4330.	50900.			
RON LARSON W385 12464S. 3600W.	4335.	50900.			
M. MARTIN W386 12554S. 3600W.	4350.	50900.			
GLEN MCINTYRE W387 12404S. 3600W.	4340.	50900.			
E.L.PASCO JR. W388	4290.	50900.			
11977S.3600W.					
G.W.OAKESON W389 = W143 12484S. 3600W.	4300.	50900.			
A.G.SMITH W390 12518S. 3600W.	4500.	50900.			

FERGHEN 12241S. 3600W.	W391	4550.	50900.
STEPHEN PHELPS 11980S. 3600W.	W392	4295.	50900.
HOCKING 12191S. 3600W.	W393 = W142	4500.	50900.
D. GILBERT 12262S. 3600W.	W394	4400.	50900.
RANDY WRIGHT 12281S. 3600W.	W395	4350.	50900.
BRENT BENNETT 12536S. 3600W.	W396	2500.	50900.
STEPHENOFF RIVERTON CITY 2596W. 12775S.	W397		
MAYNARD #2 RIVERTON CITY 13300S. 3600W.	W398		
ROWLEY 7322S. 5490W.	W399		
KENNECOTT AT OLD RANCH HOUSE	W401		
SLCITYW.C.DISTRICT S. OF HERRIMAN	W402		
SLCITYW.C.DISTRICT S. OF HERRIMAN	W403		