

APPENDIX A

WATER-LEVEL MEASUREMENTS FOR FALL 1994,
SPRING AND FALL, 1995, SPRING AND FALL,
1996, SPRING AND FALL, 1997, AND SPRING 1998

FALL 1994

PAGE 1 OF 1

FALL BASIN # CHILCOOT SUB-BASIN
1994 5-012.01

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	AT	RP	GS	ELEV	WS F93-F94	COMMENTS
		ELEV	ELEV	M D Y	CODE	CODE	AT	RP	WS	CH	CHANGE		
5050	22N16E01A02M	5090.4	5090.0	10 28 94			45.0	1.7	43.3	42.9	5047.1	-1.9	
5050	23N16E25J01M	5081.2	5080.0	10 28 94			10.0	3.5	6.5	5.3	5074.7	-4.8	
5050	23N16E36A01M	5156.2	5155.0	10 28 94			66.0	-0.2	66.2	65.0	5090.0	-4.6	
5050	23N16E36B01M	5126.3	5125.0	10 28 94			65.0	4.5	60.5	59.2	5065.8	-3.2	
5050	23N16E36D02M	5113.5	5112.0	10 28 94			90.0	0.0	90.0	88.5	5023.5	1.5	
5050	23N16E36H01M	5120.0	5119.0	10 28 94			45.0	1.9	43.1	42.1	5076.9	-7.0	
5050	23N16E36K01M	5030.6	5030.0	10 28 94	7								FLOWING ~1.2 GPM.
5050	23N16E36L03M	5011.2	5010.0	10 28 94			20.0	0.2	19.8	18.6	4991.4	-4.6	
5050	23N16E36L04M	5031.1	5030.0	10 28 94			51.0	0.7	50.3	49.2	4980.8	-2.7	
5050	23N16E36N02M	5010.8	5010.0	10 28 94			18.0	1.0	17.0	16.2	4993.8	-1.8	
5050	23N16E36R01M	5036.0	5035.0	10 28 94			17.0	-0.3	17.3	16.3	5018.7	-3.9	
5050	23N17E30M01M	5085.5	5085.0	10 28 94			4.0	0.2	3.8	3.3	5081.7	-2.9	
5050	23N17E31P01M	5171.0	5170.0	10 28 94			120.0	4.6	115.4	114.4	5055.6	-1.1	
5050	23N17E31Q01M	5240.0	5239.1	10 28 94			165.0	0.2	164.8	163.9	5075.2	-2.9	

										AVERAGE CHANGE	-3.1		
										MAXIMUM CHANGE	1.5		
										MINIMUM CHANGE	-7.0		

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

..... NO MEASUREMENT CODE
 0. Measurement discontinued 5. Unable to locate well
 1. Pumping 6. Well has been destroyed
 2. Pump house locked 7. Special
 3. Tape hung up 8. Casing leaking or wet
 4. Can't get tape in casing 9. Temporarily inaccessible

..... QUESTIONABLE MEASUREMENT CODE
 0. Caved or deepened 5. Air or pressure gauge measurement
 1. Pumping 6. Other
 2. Nearby pump operation 7. Recharge operation at or nearby well
 3. Casing leaking or wet 8. Oil in casing
 4. Pumped recently

.....MEASUREMENT AGENCY CODE.....
 5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES

Weather was sunny and clear with highs in the low-50's and lows below freezing. The precipitation was 1.7" in September and 1.5" for October this year. The annual precipitation for the 1993-94 water year has been normal for this area (11.6" at the Beckworth Station).

There were no apparent agricultural activity at the time of measurement except for Only one pumping well.

FALL 1994

FAH. BASIN # SIERRA VALLEY

1994 5-012.00

AGENCY	WELL #	RP ELEV	GS		DATE	NM	QM	TAPE		TAPE AT WS	RP-WS	GS-WS	WS F93-F94		COMMENTS
			ELEV	M D Y				AT RP	AT WS				ELEV	CHANGE	
5050	20N14E01H01M	4915.3	4915.0	10	29	94	9								
5050	20N14E13Q02M	4986.6	4985.6	10	29	94		7.0	1.0	6.0	5.0	4980.6	-0.7		
5050	20N14E14R01M	5035.9	5035.0	10	29	94		10.0	2.6	7.4	6.5	5028.5	0.6		
5050	21N14E25P03M	4936.0	4935.0	10	29	94		30.0	11.1	18.9	17.9	4917.1	4.0		
5050	21N14E29J01M	4933.6	4932.6	10	29	94		10.0	-0.5	10.5	9.5	4923.1	-0.7		
5050	21N14E36Q02M	4920.0	4920.0	10	29	94		3.0	-0.2	3.2	3.2	4916.8	-0.3		
5050	21N15E03L01M	4893.4	4890.0	10	29	94		45.0	1.1	43.9	40.5	4849.5	-12.4	RECORDER OFF CHART.	
5050	21N15E03M03M	4893.6	4892.0	10	29	94		65.0	0.9	64.1	62.5	4829.5	-18.9		
5050	21N15E04Q01M	4896.0	4893.0	10	29	94	7	15.0	4.2	10.8	7.8	4885.2	-1.0	FLOWING ~1/2 GPM.	
5050	21N15E07R01M	4894.7	4892.7	10	29	94									
5050	21N15E09N06M	4911.3	4911.0	10	29	94	8	4.0	0.5	3.5	3.2	4907.8	-2.0	e	
5050	21N15E10C01M	4895.4	4894.0	10	29	94		17.0	1.4	15.6	14.2	4879.8	-0.6		
5050	21N15E11M03M	4903.0	4902.0	10	29	94	4								
5050	21N15E12H01M	4930.8	4930.0	10	29	94		70.0	7.4	62.6	61.8	4868.2	-9.7		
5050	21N15E12J01M	4942.8	4942.0	10	29	94		70.0	7.5	62.5	61.7	4880.3	-9.2		
5050	21N15E12P03M	4928.4	4927.0	10	29	94		60.0	3.9	56.1	54.7	4872.3	-10.7		
5050	21N15E14D02M	4916.0	4915.0	10	29	94		22.0	9.5	12.5	11.5	4903.5	-1.7		
5050	21N15E14L01M	5000.5	5000.0	10	29	94	7	110.0	12.9	97.1	96.6	4903.4	-7.7	TRICKLING ~1/4 GPM.	
5050	21N15E18F02M	4894.2	4891.4	10	29	94		70.0	4.8	65.2	64.2	4885.8	-3.4		
5050	21N16E06H03M	4951.0	4950.0	10	28	94		65.0	2.3	62.7	61.6	4884.4	-6.9		
5050	21N16E06Q02M	4947.1	4946.0	10	29	94		85.0	23.5	61.5	59.9	4906.1	-4.3	CASING CRUSHED.	
5050	21N16E07A01M	4967.6	4966.0	10	29	94	4								
5050	21N16E07D02M	4935.2	4935.0	10	29	94									
5050	21N16E07F04M	4961.7	4961.0	10	29	94		47.0	9.8	37.2	36.5	4924.5	-4.2		
5050	21N16E07G01M	4960.2	4960.0	10	28	94		70.0	0.9	69.1	68.9	4891.1	-3.2		
5050	21N16E07M01M	4938.0	4938.0	10	29	94		75.0	7.7	67.3	67.3	4870.7	-10.2		
5050	21N16E18G02M	4996.7	4995.0	10	29	94		28.0	1.9	26.1	24.4	4970.6	-2.3		
5050	21N16E30A01M	5091.8	5090.0	10	29	94	9	22.0	0.5	21.5	19.7	5070.3	-1.7	PUMP HOUSE LOCKED.	
5050	21N16E30J01M	5121.5	5120.0	10	29	94									
5050	22N14E21Q01M	5046.0	5045.0	10	29	94		8.0	-0.6	8.6	7.6	5037.4			
5050	22N14E26L01M	4896.0	4894.5	10	29	94		1.0	-0.5	1.5	0.0	4894.5	0.0		
5050	22N15E08Q01M	4877.0	4877.0	10	28	94		7.0	-0.3	7.3	7.3	4869.7	-1.1		
5050	22N15E10B01M	4891.2	4891.0	10	28	94		75.0	0.0	75.0	74.8	4816.2	-7.2		
5050	22N15E10C01M	4891.8	4891.0	10	28	94	8	86.0	2.6	83.4	82.6	4808.4	-13.3	e	
5050	22N15E13N01M	4894.0	4893.0	10	28	94	8	73.0	3.1	69.9	68.9	4824.1	-8.8	e	
5050	22N15E15Q01M	4890.0	4889.0	10	28	94		9.0	0.5	8.5	7.5	4881.5	-0.4	SOUNDER.	

FALL 1994

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	AT	RP	GS	WS	F93-F94	COMMENTS
		ELEV	ELEV	M D Y	CODE		TAPE	AT	RP	GS	ELEV	CHANGE	
5050	22N15E16L01M	4881.0	4881.0	10 28 94				35.0	29.8	29.8	4851.2		
5050	22N15E17H01M	4878.0	4880.0	10 28 94				9.0	7.2	9.2	4870.8	-0.9	
5050	22N15E22Q01M	4882.2	4880.9	10 28 94				21.0	19.9	18.6	4862.3	-1.8	
5050	22N15E26K01M	4888.1	4886.2	10 29 94				30.0	30.3	28.4	4857.8	-6.9	
5050	22N15E26K03M	4886.2	4886.0	10 29 94	3								OBSTRUCTION AT 15 FT.
5050	22N15E27Q01M	4884.7	4882.0	10 29 94				66.0	65.1	62.4	4819.6	-20.1	
5050	22N15E28L01M	4883.1	4881.5	10 29 94				45.0	44.0	42.4	4839.1	-7.1	
5050	22N15E34G01M	4882.0	4880.0	10 29 94				68.0	68.1	66.1	4813.9	-20.8	
5050	22N15E34L05M	4891.2	4890.2	10 29 94	2			65.0	64.9	63.9	4826.3		PUMPED RECENTLY.
5050	22N15E36H01M	4900.0	4900.0	10 29 94				46.0	46.0	46.0	4854.0	-8.0	
5050	22N15E36J01M	4911.8	4910.0	10 29 94	8			57.0	50.5	48.7	4861.3	-10.2 e	
5050	22N15E36N01M	4898.0	4897.0	10 29 94	1			145.0	140.8	139.8	4757.2		OIL.
5050	22N15E36Q01M	4908.3	4908.0	10 29 94				53.0	48.3	48.0	4860.0	-10.0	
5050	22N16E04A01M	4932.8	4932.0	10 28 94				30.0	23.1	22.3	4909.7	-5.7	
5050	22N16E06R02M	4909.0	4908.0	10 28 94				75.0	60.9	59.9	4848.1	6.3	
5050	22N16E07G01M	4907.0	4906.0	10 28 94				50.0	48.8	47.8	4858.2	0.9	PUMP REMOVED.
5050	22N16E08P01M	4911.7	4910.0	10 28 94				34.0	30.4	28.7	4881.3	0.0	
5050	22N16E17C01M	4911.2	4907.0	10 28 94				27.0	24.1	19.9	4887.1	0.9	
5050	22N16E17D01M	4911.7	4910.0	10 28 94				31.0	24.7	23.0	4887.0	-0.8	
5050	22N16E17E02M	4902.6	4901.3	10 28 94				24.0	20.9	19.6	4881.7	0.6	
5050	22N16E18R01M	4901.4	4900.0	10 28 94				30.0	25.0	23.6	4876.4	-1.2 e	
5050	22N16E19A01M	4900.0	4900.0	10 28 94	8			30.0	24.7	24.7	4875.3	-2.1 e	
5050	22N16E19K01M	4913.2	4912.6	10 28 94				30.0	28.2	27.6	4885.0	-1.1	
5050	22N16E19M01M	4894.7	4893.1	10 28 94				45.0	39.4	37.8	4855.3	-7.1	TRICKLING ~1.4 GPM
5050	22N16E20G02M	4921.5	4920.8	10 28 94	7								
5050	22N16E20P02M	4937.1	4934.6	10 28 94				13.0	6.1	3.6	4931.0	4.1	
5050	22N16E30Q01M	4916.0	4915.0	10 29 94	8			45.0	43.9	42.9	4872.1	-7.3 e	
5050	23N14E25G01M	4892.0	4891.7	10 29 94				20.0	19.3	19.0	4872.7	-1.0	
5050	23N14E25K01M	4891.6	4891.1	10 29 94				14.0	14.0	13.5	4877.6	-1.8	
5050	23N14E25K04M	4890.1	4889.0	10 29 94				35.0	28.2	27.1	4861.9	0.7	
5050	23N14E35L01M	4879.2	4877.5	10 29 94				15.0	15.6	13.9	4863.6	-0.7	
5050	23N15E25J01M	4906.0	4905.0	10 27 94	1			110.0	108.0	107.0	4798.0		VERY OILY.
5050	23N15E26G01M	4899.0	4898.0	10 27 94	8			47.0	46.6	45.6	4852.4	-1.6 e	
5050	23N15E26R01M	4898.0	4897.0	10 27 94				60.0	50.9	49.9	4847.1	4.9	PUMP MOTOR REMOVED.
5050	23N15E27E01M	4900.0	4900.0	10 27 94				9.0	9.0	9.0	4891.0	-1.0	
5050	23N15E29D01M	4892.2	4890.0	10 27 94	8			20.0	18.2	16.0	4874.0	-15.4 e	

FALL 1994

FALL BASIN # SIERRA VALLEY
1994 5-012.00

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	AT	RP	GS	WS	ELEV	CHANGE	COMMENTS
		ELEV	ELEV	M D Y	CODE	CODE	AT	RP	WS	WS	F93-F94			
5050	23N15E29H01M	4898.4	4896.4	10 27 94			8.0	0.9	7.1	5.1	4891.3	-0.9		
5050	23N15E29N01M	4882.0	4882.0	10 27 94	8		30.0	8.7	21.3	21.3	4860.7	2.8 e		
5050	23N15E34D01M	4893.0	4888.3	10 27 94			11.0	2.5	8.5	3.8	4884.5	-0.3		
5050	23N15E36G01M	4904.1	4901.0	10 28 94	8		63.0	4.3	58.7	55.6	4845.4	3.0 e		
5050	23N16E17M01M	4991.3	4991.0	10 28 94			30.0	8.1	21.9	21.6	4969.4	1.1		
5050	23N16E23F01M	4992.0	4990.0	10 28 94			20.0	0.9	19.1	17.1	4972.9	-0.5		
5050	23N16E27R01M	4963.8	4963.2	10 28 94			11.0	0.2	10.8	10.2	4953.0	-1.9		
5050	23N16E28L01M	4939.7	4938.5	10 28 94			20.0	3.2	16.8	15.6	4922.9	-6.0		
5050	23N16E29G01M	4941.0	4940.0	10 28 94	1		220.0	4.5	215.5	214.5	4725.5			FLOWING ~2 GPM FROM CASING.
5050	23N16E30C01M	4919.7	4918.0	10 28 94	7		80.0	8.7	71.3	70.3	4844.7	6.9		
5050	23N16E30R01M	4916.0	4915.0	10 28 94			80.0	-0.3	80.3	79.8	4840.2	-1.4 e		
5050	23N16E32Q01M	4920.5	4920.0	10 28 94	8		25.0	8.0	17.0	16.0	4924.0			
5050	23N16E33A02M	4941.0	4940.0	10 28 94										
e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE														
..... NO MEASUREMENT CODE														
0. Measurement discontinued 5. Unable to locate well														
1. Pumping 6. Well has been destroyed														
2. Pump house locked 7. Special														
3. Tape hung up 8. Casing leaking or wet														
4. Can't get tape in casing 9. Temporarily inaccessible														
.....MEASUREMENT AGENCY CODE.....														
5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES														
..... QUESTIONABLE MEASUREMENT CODE														
0. Caved or deepened 5. Air or pressure gauge measurement														
1. Pumping 6. Other														
2. Nearby pump operation 7. Recharge operation at or nearby well														
3. Casing leaking or wet 8. Oil in casing														
4. Pumped recently														
AVERAGE CHANGE -3.6														
MAXIMUM CHANGE 6.9														
MINIMUM CHANGE -20.8														

Weather was sunny and clear with highs in the low-50's and lows below freezing. The precipitation was 1.7" in September and 1.5" for October this year. The annual precipitation for the 1993-94 water year has been normal for this area (11.6" at the Beckworth Station).

There were no apparent agricultural activity at the time of measurement except for Only one pumping well.

SPRING 1995

PAGE 1 OF 1

SPRING BASIN # CHILCOOT SUB-BASIN
1995 5-012.01

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM CODE	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	WS S94-S95 ELEV CHANGE	COMMENTS
5050	22N16E01A02M	5090.4	5090.0	6 1 95			40.0	0.7	39.3	38.9	5051.1	2.3
5050	23N16E25J01M	5081.2	5080.0	6 1 95	7							FLOWING FROM HOLE BELOW T.O.C
5050	23N16E36A01M	5156.2	5155.0	6 1 95			68.0	11.3	56.7	55.5	5099.5	6.5
5050	23N16E36B01M	5126.3	5125.0	6 1 95			65.0	0.3	64.7	63.4	5061.6	-6.8
5050	23N16E36D02M	5113.5	5112.0	6 1 95			90.0	16.1	73.9	72.4	5039.6	12.2
5050	23N16E36H01M	5120.0	5119.0	6 1 95			20.0	7.4	12.6	11.6	5107.4	27.3
5050	23N16E36K01M	5030.9	5030.0	6 1 95	7							STEVENS RECORDER IN USE. POSSIBLY NEW R.P.
5050	23N16E36L03M	5011.2	5010.0	6 1 95			6.0	0.7	5.3	4.1	5005.9	11.0
5050	23N16E36L04M	5031.1	5030.0	6 1 95			50.0	13.1	36.9	35.8	4994.2	10.3
5050	23N16E36N02M	5010.8	5010.0	6 1 95			11.0	0.9	10.1	9.3	5000.7	4.3
5050	23N16E36R01M	5036.0	5035.0	6 1 95			11.0	2.4	8.6	7.6	5027.4	6.7 e
5050	23N17E30M01M	5085.5	5085.0	6 1 95	7							CASING SUBMERGED.
5050	23N17E31P01M	5171.0	5170.0	6 1 95			120.0	5.2	114.8	113.8	5056.2	-1.8
5050	23N17E31Q01M	5240.0	5239.1	6 1 95			175.0	8.3	166.7	165.8	5073.3	-3.8

										AVERAGE CHANGE	6.2	
										MAXIMUM CHANGE	27.3	
										MINIMUM CHANGE	-6.8	

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

..... NO MEASUREMENT CODE
 0. Measurement discontinued 5. Unable to locate well
 1. Pumping 6. Well has been destroyed
 2. Pump house locked 7. Special
 3. Tape hung up 8. Casing leaking or wet
 4. Can't get tape in casing 9. Temporarily inaccessible

..... QUESTIONABLE MEASUREMENT CODE
 0. Caved or deepened 5. Air or pressure gauge measurement
 1. Pumping 6. Other
 2. Nearby pump operation 7. Recharge operation at or nearby well
 3. Casing leaking or wet 8. Oil in casing
 4. Pumped recently

.....MEASUREMENT AGENCY CODE.....
 5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES

Partially cloudy to sunny with temperatures in the mid 70's on 5/31/95. Cloudy, scattered afternoon thunder showers with temperatures in the upper 60's to low 70's on 6/1-2/95.

Measurements were taken late this Spring due to a long season of significant storms. Most roads were impassible until recently. Despite the late measurement, many fallow fields, turf farm in Vinton was just starting to irrigate. There were some minor stock water pumping. Artesian wells in the basin are all flowing much more than observed in the recent years.

SPRING 1995

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM CODE	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	WS ELEV	WS S94-S95 ELEV CHANGE	COMMENTS
5050	20N14E01H01M	4915.3	4915.0	6 2 95	7								CALL BECKWOURTH FOR DATA.
5050	20N14E13Q02M	4986.6	4985.6	6 2 95		5.0	1.2	3.8	2.8	4982.8	-0.3		
5050	20N14E14R01M	5035.9	5035.0	6 2 95		6.0	4.2	1.8	0.9	5034.1	1.8		
5050	21N14E25P03M	4936.0	4935.0	6 2 95			21.0	4.0	17.0	16.0	4919.0	5.0	
5050	21N14E29J01M	4933.6	4932.6	6 2 95	4		7.0	0.1	6.9	5.9	4926.7		
5050	21N14E36Q02M	4920.0	4920.0	6 2 95			1.0	-0.3	1.3	1.3	4918.7	1.2	
5050	21N15E03L01M	4893.4	4890.0	6 2 95			25.0	0.4	24.6	21.2	4868.8	-0.5	
5050	21N15E03M03M	4893.6	4892.0	6 2 95			25.0	2.1	22.9	21.3	4870.7	-1.0	
5050	21N15E04Q01M	4896.0	4893.0	5 31 95			12.0	6.2	5.8	2.8	4890.2	4.1	
5050	21N15E07R01M	4894.7	4892.7	6 2 95	7								FLOWING 2-4 G.P.M.
5050	21N15E09N06M	4911.3	4911.0	6 2 95	7								FLOWING SEVERAL G.P.M.
5050	21N15E10C01M	4895.4	4894.0	6 2 95	9								CREEK FLOODED - NO ACCESS
5050	21N15E11M03M	4903.0	4902.0	6 1 95	4		29.0	5.5	23.5	22.5	4879.5		
5050	21N15E12H01M	4930.8	4930.0	6 1 95			26.0	0.5	25.5	24.7	4905.3	1.7	
5050	21N15E12J01M	4942.8	4942.0	6 1 95			31.0	0.9	30.1	29.3	4912.7	1.4	
5050	21N15E12P03M	4928.4	4927.0	6 1 95			20.0	0.2	19.8	18.4	4908.6	-0.3	
5050	21N15E14D02M	4916.0	4915.0	6 2 95			12.0	4.7	7.3	6.3	4908.7	2.0	
5050	21N15E14L01M	5000.5	5000.0	6 2 95			92.0	8.1	83.9	83.4	4916.6	1.9	
5050	21N15E18F02M	4894.2	4891.4	6 2 95	7								FLOWING 2-3 G.P.M.
5050	21N16E06H03M	4951.0	4950.0	6 1 95			55.0	3.6	51.4	50.4	4899.6	1.0	
5050	21N16E06Q02M	4947.1	4946.0	6 1 95	8		45.0	10.1	34.9	33.8	4912.2	0.1 e	
5050	21N16E07A01M	4967.6	4966.0	6 1 95			50.0	3.8	46.2	44.6	4921.4	0.6	
5050	21N16E07D02M	4935.2	4935.0	6 1 95	4								PIPE CRUSHED - NO ACCESS.
5050	21N16E07F04M	4961.7	4961.0	6 1 95			18.0	0.9	17.1	16.4	4944.6	12.0	
5050	21N16E07G01M	4960.2	4960.0	6 1 95			46.0	2.1	43.9	43.7	4916.3	1.0	
5050	21N16E07M01M	4938.0	4938.0	6 1 95			32.0	-0.7	32.7	32.7	4905.3	0.2	
5050	21N16E18G02M	4996.7	4995.0	6 1 95			23.0	5.8	17.2	15.5	4979.5	4.7	
5050	21N16E30A01M	5091.8	5090.0	6 2 95			23.0	8.3	14.7	12.9	5077.1	4.6	
5050	21N16E30J01M	5121.5	5120.0	6 2 95	4		49.0	4.7	44.3	42.8	5077.2		
5050	22N14E21Q01M	5046.0	5045.0	6 2 95			4.0	0.2	3.8	2.8	5042.2	1.7	
5050	22N14E21Q02M	5045.9	5045.0	6 2 95			5.0	1.3	3.7	2.8	5042.2		NEW WELL-BEGINNING RECORD
5050	22N14E26L01M	4896.0	4894.5	6 2 95	7								
5050	22N14E35C02M	4888.0	4888.0	6 2 95	7								NEW WELL-FLOWING '20 G.P.M.
5050	22N15E08Q01M	4877.0	4877.0	5 31 95			2.0	0.2	1.8	1.8	4875.2	2.8	FLOWING OVER TOP OF CASING
5050	22N15E10B01M	4891.2	4891.0	5 31 95			50.0	4.2	45.8	45.6	4845.4	-1.6	
5050	22N15E10C01M	4891.8	4891.0	5 31 95	8		50.0	3.6	46.4	45.6	4845.4	1.4 e	

SPRING 1995

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM CODE	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV CHANGE	WS S94-S95 ELEV CHANGE	COMMENTS
5050	22N15E13N01M	4894.0	4893.0	6 1 95	8		35.0	-0.4	35.4	34.4	4858.6	-0.4 e	
5050	22N15E15Q01M	4890.0	4889.0	5 31 95			5.0	1.2	3.8	2.8	4886.2	3.5	
5050	22N15E16L01M	4881.0	4881.0	5 31 95	9								
5050	22N15E17H01M	4878.0	4880.0	5 31 95	9								
5050	22N15E22Q01M	4882.2	4880.9	5 31 95			17.0	0.2	16.8	15.5	4865.4	0.2	
5050	22N15E26K01M	4888.1	4886.2	6 1 95			20.0	1.6	18.4	16.5	4869.7	-5.3	
5050	22N15E26K03M	4886.2	4886.0	6 1 95			30.0	7.1	22.9	22.7	4863.3	-7.4	
5050	22N15E27Q01M	4884.7	4882.0	6 1 95			26.0	3.3	22.7	20.0	4862.0	-0.3 e	
5050	22N15E28L01M	4883.1	4881.5	5 31 95			27.0	-0.7	27.7	26.1	4855.4	1.0	
5050	22N15E34G01M	4882.0	4880.0	6 1 95	9								
5050	22N15E34L05M	4891.2	4890.2	6 2 95			81.8	60.0	21.8	20.8	4869.4	-0.8	
5050	22N15E34L06M	4886.0	4885.0	6 2 95			30.0	8.7	21.3	20.3	4864.7		
5050	22N15E36H01M	4900.0	4900.0	6 1 95	3								
5050	22N15E36J01M	4911.8	4910.0	6 1 95	8		21.0	0.1	20.9	19.1	4890.9	-4.2 e	
5050	22N15E36N01M	4898.0	4897.0	6 1 95	8		15.0	-0.4	15.4	14.4	4882.6	-1.7 e	
5050	22N15E36Q01M	4908.3	4908.0	6 1 95			22.0	5.8	16.2	15.9	4892.1	-4.0	
5050	22N16E04A01M	4932.8	4932.0	5 31 95			11.0	-0.6	11.6	10.8	4921.2	2.6	
5050	22N16E06R02M	4909.0	4908.0	5 31 95			35.0	2.7	32.3	31.3	4876.7	6.9	
5050	22N16E07G01M	4907.0	4906.0	5 31 95			25.0	4.7	20.3	19.3	4886.7	7.0	
5050	22N16E08P01M	4911.7	4910.0	5 31 95			25.0	5.0	20.0	18.3	4891.7	4.1	
5050	22N16E17C01M	4911.2	4907.0	5 31 95			27.0	12.8	14.2	10.0	4897.0	6.2	
5050	22N16E17D01M	4911.7	4910.0	5 31 95			17.0	3.2	13.8	12.1	4897.9	4.6	
5050	22N16E17E02M	4902.6	4901.3	5 31 95			15.0	3.6	11.4	10.1	4891.2	4.9	
5050	22N16E18R01M	4901.4	4900.0	6 1 95			13.0	0.2	12.8	11.4	4888.6	4.5 e	
5050	22N16E19A01M	4900.0	4900.0	6 1 95	8		17.0	5.4	11.6	11.6	4888.4	4.7 e	
5050	22N16E19K01M	4913.2	4912.6	6 1 95	4		74.4	62.6	11.8	11.2	4901.4		
5050	22N16E19M01M	4894.7	4893.1	6 1 95			21.0	0.4	20.6	19.0	4874.1	1.2	
5050	22N16E20G02M	4921.5	4920.8	6 1 95	7								
5050	22N16E20P02M	4937.1	4934.6	6 1 95			7.0	3.6	3.4	0.9	4933.7	1.3	
5050	22N16E30Q01M	4916.0	4915.0	6 1 95	9								
5050	23N14E25G01M	4892.0	4891.7	5 31 95			6.0	-0.8	6.8	6.5	4885.2	6.4	
5050	23N14E25K01M	4891.6	4891.1	5 31 95			11.0	7.4	3.6	3.1	4888.0	6.4	
5050	23N14E25K04M	4890.1	4889.0	5 31 95			15.0	0.7	14.3	13.2	4875.8	5.9	
5050	23N14E35L01M	4879.2	4877.5	6 2 95			15.0	5.0	10.0	8.3	4869.2	1.9	
5050	23N15E20Q01M	4908.7	4908.0	5 31 95	7								
5050	23N15E25J01M	4906.0	4905.0	5 31 95	8		36.0	4.9	31.1	30.1	4874.9	10.1 e	

FLOWING '1 G.P.M. - PONDS FULL.

ROAD IMPASSABLE.

NEW WELL-FLOWING.

ROAD IMPASSABLE.

NEW WELL-BEGINNING RECORD.
DEEPER THAN 68 FT.

WATER PONDED AROUND WELL.
WELL CASING SUBMERGED.

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV CHANGE	WS S94-S95 CHANGE	COMMENTS
5050	23N15E26G01M	4899.0	4898.0	5 31 95	8	30.0	-0.8	30.8	29.8	4868.2	-1.9 e	
5050	23N15E26R01M	4898.0	4897.0	5 31 95		31.0	9.2	21.8	20.8	4876.2	7.7 e	ADJACENT WELL FLOWING.
5050	23N15E27E01M	4900.0	4900.0	5 31 95		5.0	0.8	4.2	4.2	4895.8	2.9	
5050	23N15E29D01M	4892.2	4890.0	5 31 95	8	6.0	4.0	2.0	-0.2	4890.2	6.1 e	
5050	23N15E29H01M	4898.4	4896.4	5 31 95	7							HOLE 0.2 FT. BELOW T.O.C. FLOW
5050	23N15E29N01M	4882.0	4882.0	5 31 95	8	5.0	2.1	2.9	2.9	4879.1	5.7 e	
5050	23N15E34D01M	4893.0	4888.3	5 31 95		5.0	3.1	1.9	-2.8	4891.1	4.4	
5050	23N15E36G01M	4904.1	4901.0	5 31 95	9							PORTIONS OF ROAD WASHED OUT.
5050	23N16E17M01M	4991.3	4991.0	5 31 95		22.0	3.1	18.9	18.6	4972.4	2.3	
5050	23N16E19N01M	4931.4	4930.0	5 31 95	8	15.0	3.8	11.2	9.8	4920.2		NEW WELL-BEGINNING RECORD.
5050	23N16E23F01M	4992.0	4990.0	6 1 95		15.0	-0.5	15.5	13.5	4976.5	1.3	
5050	23N16E27R01M	4963.8	4963.2	6 1 95		10.0	3.7	6.3	5.7	4957.5	1.6	
5050	23N16E28L01M	4939.7	4938.5	6 1 95		5.0	1.4	3.6	2.4	4936.1	1.7	

AVERAGE CHANGE 2.2
MAXIMUM CHANGE 12.0
MINIMUM CHANGE -7.4

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

..... NO MEASUREMENT CODE
 0. Measurement discontinued 5. Unable to locate well
 1. Pumping 6. Well has been destroyed
 2. Pump house locked 7. Special
 3. Tape hung up 8. Casing leaking or wet
 4. Can't get tape in casing 9. Temporarily inaccessible

.....MEASUREMENT AGENCY CODE.....
 5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES

Partially cloudy to sunny with temperatures in the mid 70's on 5/31/95. Cloudy, scattered afternoon thunder showers with temperatures in the upper 60's to low 70's on 6/1-2/95.

Measurements were taken late this Spring due to a long season of significant storms. Most roads were impassible until recently. Despite the late measurement, many fallow fields, turf farm in Vinton was just starting to irrigate. There were some minor stock water pumping. Artesian wells in the basin are all flowing much more than observed in the recent years.

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	TAPE	AT	RP	WS	GS-WS	ELEV	WS	F94-F95	COMMENTS
		ELEV	ELEV	M D Y	CODE	CODE	AT	AT	RP	WS	ELEV	CHANGE	CHANGE			
5050	22N16E01A02M	5090.4	5090.0	10 24 95			45.0	5.9	39.1	38.7	5051.3	4.2				
5050	23N16E25J01M	5081.2	5080.0	10 24 95			2.0	0.3	1.7	0.5	5079.5	4.8				
5050	23N16E36A01M	5156.2	5155.0	10 24 95			64.0	4.9	59.1	57.9	5097.1	7.1				
5050	23N16E36B01M	5126.3	5125.0	10 24 95			65.0	9.0	56.0	54.7	5070.3	4.5				
5050	23N16E36D02M	5113.5	5112.0	10 24 95			90.0	8.1	81.9	80.4	5031.6	8.1				
5050	23N16E36H01M	5120.0	5119.0	10 24 95			35.0	2.3	32.7	31.7	5087.3	10.4				
5050	23N16E36K01M	5030.9	5030.0	10 24 95	7											
5050	23N16E36L03M	5011.2	5010.0	10 24 95			21.0	7.7	13.3	12.1	4997.9	6.5				
5050	23N16E36L04M	5031.1	5030.0	10 24 95			55.0	12.3	42.7	41.6	4988.4	7.6				
5050	23N16E36N02M	5010.8	5010.0	10 24 95			15.0	1.9	13.1	12.3	4997.7	3.9				
5050	23N16E36R01M	5036.0	5035.0	10 24 95			20.0	8.2	11.8	10.8	5024.2	5.5				
5050	23N17E30M01M	5085.5	5085.0	10 24 95			7.0	6.0	1.0	0.5	5084.5	2.8				
5050	23N17E31P01M	5171.0	5170.0	10 24 95			121.0	6.8	114.2	113.2	5056.8	1.2				
5050	23N17E31Q01M	5240.0	5239.1	10 24 95			170.0	4.2	165.8	164.9	5074.2	-1.0				
5050	23N17E31Q02M	5211.0	5210.0	10 24 95			150.0	9.1	140.9	139.9	5070.1					
TOTAL HEAD >9 FT. ABOVE G.S.																
CHANGE SUMMARY: RANGE (-1.0 10.4) AVERAGE 5.0																

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

- NO MEASUREMENT CODE
0. Measurement discontinued 5. Unable to locate well
1. Pumping 6. Well has been destroyed
2. Pump house locked 7. Special
3. Tape hung up 8. Casing leaking or wet
4. Can't get tape in casing 9. Temporarily inaccessible
- QUESTIONABLE MEASUREMENT CODE
0. Caved or deepened 5. Air or pressure gauge measurement
1. Pumping 6. Other
2. Nearby pump operation 7. Recharge operation at or nearby well
3. Casing leaking or wet 8. Oil in casing
4. Pumped recently

.....MEASUREMENT AGENCY CODE.....
5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES

Temperature in high 60's to low 70's. Sunny and breezy.

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SIERRA VALLEY

FALL 1995

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AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV	WS F94-F95 CHANGE	COMMENTS
5050	20N14E01H01M	4915.3	4915.0	10 26 95	7								
5050	20N14E13Q02M	4986.6	4985.6	10 27 95			8.0	2.7	5.3	4.3	4981.3	0.7	
5050	20N14E14R01M	5035.9	5035.0	10 27 95			10.0	2.4	7.6	6.7	5028.3	-0.2	
5050	21N14E25P03M	4936.0	4935.0	10 26 95			25.0	2.8	22.2	21.2	4913.8	-3.3	
5050	21N14E29J01M	4933.6	4932.6	10 27 95			15.0	5.3	9.7	8.7	4923.9	0.8	
5050	21N14E36Q02M	4920.0	4920.0	10 26 95			2.0	-0.5	2.5	2.5	4917.5	0.7	
5050	21N15E01K01M	4913.7	4913.0	10 26 95			97.9	60.0	37.9	37.2	4875.8		NEW WELL-FIRST MEASUREMENT.
5050	21N15E01K02M	4913.5	4913.0	10 26 95			76.4	60.0	16.4	15.9	4897.1		NEW WELL-FIRST MEASUREMENT.
5050	21N15E03L01M	4893.4	4890.0	10 26 95			35.0	1.4	33.6	30.2	4859.8	10.3	
5050	21N15E03M03M	4893.6	4892.0	10 26 95			60.0	10.9	49.1	47.5	4844.5	15.0	
5050	21N15E04Q01M	4896.0	4893.0	10 23 95			17.0	7.9	9.1	6.1	4886.9	1.7	
5050	21N15E07R01M	4894.7	4892.7	10 26 95	7								FLOWING 1/2 TO 1 GPM.
5050	21N15E09N06M	4911.3	4911.0	10 26 95	7								FLOWING 1+ PGM.
5050	21N15E10C01M	4895.4	4894.0	10 26 95			15.0	2.0	13.0	11.6	4882.4	2.6	
5050	21N15E11M03M	4903.0	4902.0	10 26 95			40.0	7.0	33.0	32.0	4870.0		
5050	21N15E12H01M	4930.8	4930.0	10 25 95			55.0	10.4	44.6	43.8	4886.2	18.0	
5050	21N15E12J01M	4942.8	4942.0	10 25 95			50.0	4.7	45.3	44.5	4897.5	17.2	
5050	21N15E12P03M	4928.4	4927.0	10 26 95			45.0	3.9	41.1	39.7	4887.3	15.0	CREEK IS RUNNING.
5050	21N15E14D02M	4916.0	4915.0	10 26 95			18.0	8.5	9.5	8.5	4906.5	3.0	
5050	21N15E14L01M	5000.5	5000.0	10 26 95			100.0	13.7	86.3	85.8	4914.2	10.8	
5050	21N15E18F02M	4894.2	4891.4	10 26 95	7								FLOWING 1/2 TO 1 GPM.
5050	21N16E06H03M	4951.0	4950.0	10 25 95			65.0	7.9	57.1	56.1	4893.9	8.1	
5050	21N16E06Q02M	4947.1	4946.0	10 25 95			55.0	7.2	47.8	46.7	4899.3	14.9	
5050	21N16E07A01M	4967.6	4966.0	10 25 95			55.0	4.2	50.8	49.2	4916.8	10.7	
5050	21N16E07D02M	4935.2	4935.0	10 25 95	4								NO ACCESS TO CASING.
5050	21N16E07F04M	4961.7	4961.0	10 25 95			25.0	0.4	24.6	23.9	4937.1	12.6	
5050	21N16E07G01M	4960.2	4960.0	10 25 95			60.0	1.9	58.1	57.9	4902.1	11.0	
5050	21N16E07M01M	4938.0	4938.0	10 25 95			60.0	10.9	49.1	49.1	4888.9	18.2	
5050	21N16E18G02M	4996.7	4995.0	10 25 95			30.0	8.5	21.5	19.8	4975.2	4.6	
5050	21N16E30A01M	5091.8	5090.0	10 25 95			30.0	9.8	20.2	18.4	5071.6	1.3	
5050	21N16E30J01M	5121.5	5120.0	10 26 95			54.0	8.9	45.1	43.6	5076.4		
5050	22N14E21Q01M	5046.0	5045.0	10 27 95			15.0	-0.4	15.4	14.4	5030.6	-6.8	PUMPED 5M TO 6M GAL. LAST WEE
5050	22N14E21Q02M	5045.9	5045.0	10 27 95			20.0	4.4	15.6	14.7	5030.3		
5050	22N14E26L01M	4896.0	4894.5	10 27 95			1.4	0.0	1.4	-0.1	4894.6	0.1	
5050	22N14E35C02M	4889.5	4888.0	10 27 95	7								FLOWING ABOUT 20 GPM.
5050	22N15E08Q01M	4877.0	4877.0	10 23 95			8.0	2.2	5.8	5.8	4871.2	1.5	

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AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	WS F94-F95 ELEV CHANGE	COMMENTS
5050	22N15E10B01M	4891.2	4891.0	10 23 95			70.0	17.3	52.7	52.5	4838.5	22.3
5050	22N15E10C01M	4891.8	4891.0	10 23 95	8		75.0	14.5	60.5	59.7	4831.3	22.9 e
5050	22N15E13N01M	4894.0	4893.0	10 25 95	8		50.0	0.5	49.5	48.5	4844.5	20.4 e
5050	22N15E15Q01M	4890.0	4889.0	10 23 95			7.0	-0.6	7.6	6.6	4882.4	0.9
5050	22N15E16L01M	4881.0	4881.0	10 23 95	1	3						WINDMILL PUMPING.
5050	22N15E17H01M	4878.0	4880.0	10 23 95			7.0	2.7	4.3	6.3	4873.7	2.9
5050	22N15E22Q01M	4882.2	4880.9	10 25 95			20.0	2.7	17.3	16.0	4864.9	2.6
5050	22N15E26K01M	4888.1	4886.2	10 25 95			30.0	0.5	29.5	27.6	4858.6	0.8
5050	22N15E26K03M	4886.2	4886.0	10 25 95			40.0	-0.3	40.3	40.1	4845.9	
5050	22N15E27Q01M	4884.7	4882.0	10 25 95			60.0	7.9	52.1	49.4	4832.6	13.0
5050	22N15E28L01M	4883.1	4881.5	10 25 95			45.0	10.1	34.9	33.3	4848.2	9.1
5050	22N15E34G01M	4882.0	4880.0	10 25 95			65.0	10.9	54.1	52.1	4827.9	14.0
5050	22N15E34L05M	4891.2	4890.2	10 26 95			112.7	60.0	52.7	51.7	4838.5	
5050	22N15E34L06M	4886.0	4885.0	10 26 95			46.0	4.2	41.8	40.8	4844.2	
5050	22N15E36H01M	4900.0	4900.0	10 25 95			35.0	3.1	31.9	31.9	4868.1	14.1
5050	22N15E36J01M	4911.8	4910.0	10 25 95	8		40.0	7.4	32.6	30.8	4879.2	17.9 e
5050	22N15E36N01M	4898.0	4897.0	10 25 95	8		45.0	2.6	42.4	41.4	4855.6	
5050	22N15E36Q01M	4908.3	4908.0	10 25 95			45.0	15.1	29.9	29.6	4878.4	18.4
5050	22N16E04A01M	4932.8	4932.0	10 23 95			23.0	7.4	15.6	14.8	4917.2	7.5
5050	22N16E06R02M	4909.0	4908.0	10 25 95			60.0	7.8	52.2	51.2	4856.8	8.7
5050	22N16E07G01M	4907.0	4906.0	10 25 95			50.0	17.7	32.3	31.3	4874.7	16.5
5050	22N16E08P01M	4911.7	4910.0	10 25 95			30.0	9.9	20.1	18.4	4891.6	10.3
5050	22N16E17C01M	4911.2	4907.0	10 25 95			21.0	5.8	15.2	11.0	4896.0	8.9
5050	22N16E17D01M	4911.7	4910.0	10 25 95			20.0	6.6	13.4	11.7	4898.3	11.3
5050	22N16E17E02M	4902.6	4901.3	10 25 95			15.0	3.4	11.6	10.3	4891.0	9.3
5050	22N16E18R01M	4901.4	4900.0	10 25 95	8		20.0	5.4	14.6	13.2	4886.8	10.4 e
5050	22N16E19A01M	4900.0	4900.0	10 25 95	8		15.0	1.6	13.4	13.4	4886.6	11.3 e
5050	22N16E19K01M	4913.2	4912.6	10 25 95			30.0	8.0	22.0	21.4	4891.2	6.2
5050	22N16E19M01M	4894.7	4893.1	10 25 95	8		33.0	7.9	25.1	23.5	4869.6	14.3 e
5050	22N16E20G02M	4921.5	4920.8	10 25 95	7							
5050	22N16E20P02M	4937.1	4934.6	10 25 95			20.0	1.8	18.2	15.7	4918.9	-12.1
5050	22N16E30Q01M	4916.0	4915.0	10 25 95	8		40.0	9.4	30.6	29.6	4885.4	13.3 e
5050	23N14E25G01M	4892.0	4891.7	10 23 95			15.0	0.7	14.3	14.0	4877.7	5.0
5050	23N14E25K01M	4891.6	4891.1	10 23 95			14.0	4.2	9.8	9.3	4881.8	4.2
5050	23N14E25K04M	4890.1	4889.0	10 23 95			35.0	11.6	23.4	22.3	4866.7	4.8
5050	23N14E35L01M	4879.2	4877.5	10 27 95			17.0	3.7	13.3	11.6	4865.9	2.3

FLOWING 1/2 GPM; G3 FLOWING TO

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV CHANGE	WS F94-F95	COMMENTS
5050	23N15E20Q01M	4908.7	4908.0	10 23 95	7		70.0	11.2	58.8	57.8	4847.2		
5050	23N15E25J01M	4906.0	4905.0	10 23 95		8	45.0	5.3	39.7	38.7	4859.3	6.9 e	
5050	23N15E26G01M	4899.0	4898.0	10 23 95		8	60.0	18.1	41.9	40.9	4856.1	9.0 e	
5050	23N15E26R01M	4898.0	4897.0	10 23 95			10.0	3.1	6.9	6.9	4893.1	2.1	
5050	23N15E27E01M	4900.0	4900.0	10 23 95		8	15.0	4.8	10.2	8.0	4882.0	8.0 e	
5050	23N15E29D01M	4892.2	4890.0	10 23 95			8.0	5.6	2.4	0.4	4896.0	4.7	
5050	23N15E29H01M	4898.4	4896.4	10 23 95									
5050	23N15E29N01M	4882.0	4882.0	10 23 95	4								
5050	23N15E34D01M	4893.0	4888.3	10 23 95			13.0	10.7	2.3	-2.4	4890.7	6.2	
5050	23N15E36G01M	4904.1	4901.0	10 23 95		8	50.0	4.0	46.0	42.9	4858.1	12.7 e	
5050	23N16E17M01M	4991.3	4991.0	10 24 95		4	25.0	1.4	23.6	23.3	4967.7		
5050	23N16E19N01M	4931.4	4930.0	10 23 95		8	30.0	5.8	24.2	22.8	4907.2		
5050	23N16E23F01M	4992.0	4990.0	10 24 95			20.0	2.3	17.7	15.7	4974.3	1.4	
5050	23N16E27R01M	4963.8	4963.2	10 25 95			12.0	4.2	7.8	7.2	4956.0	3.0	
5050	23N16E28L01M	4939.7	4938.5	10 24 95			18.0	8.8	9.2	8.0	4930.5	7.6	
5050	23N16E29G01M	4941.0	4940.0	10 23 95			60.0	11.2	48.8	47.8	4892.2		
5050	23N16E30C01M	4919.7	4918.0	10 23 95			30.0	5.4	24.6	22.9	4895.1		
5050	23N16E30R01M	4916.0	4915.0	10 23 95	1								
5050	23N16E32J01M	4926.4	4925.0	10 23 95		8	70.0	4.3	65.7	64.3	4860.7		
5050	23N16E32Q01M	4920.5	4920.0	10 23 95		8	70.0	2.1	67.9	67.4	4852.6	12.4 e	
5050	23N16E33A02M	4941.0	4940.0	10 25 95			15.0	5.0	10.0	9.0	4931.0	7.0	
5050	23N16E34G03M	4954.3	4955.0	10 25 95		4	20.0	5.8	14.2	14.9	4940.1		
CHANGE SUMMARY: RANGE (-12.1 22.9) AVERAGE 8.1													

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

FALL BASIN # SIERRA VALLEY
1995 5-012.00

FALL 1995

..... NO MEASUREMENT CODE	 QUESTIONABLE MEASUREMENT CODE
0. Measurement discontinued	0. Caved or deepened
1. Pumping	1. Pumping
2. Pump house locked	2. Nearby pump operation
3. Tape hung up	3. Casing leaking or wet
4. Can't get tape in casing	4. Pumped recently
5. Unable to locate well	5. Air or pressure gauge measurement
6. Well has been destroyed	6. Other
7. Special	7. Recharge operation at or nearby well
8. Casing leaking or wet	8. Oil in casing
9. Temporarily inaccessible	
.....MEASUREMENT AGENCY CODE.....	
5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES	

Clear, sunny and breezy. Highs in low 70's. Ground fog in mid-valley in a.m. 10/27, with high clouds in outer areas. Suggest dropping 22N/15E-16L01 since measurements and access are not dependable. Added SVGMD piezometers 01K01 and 01K02 along Highway A24.

SPRING 1996

SPRING BASIN # CHILCOOT SUB-BASIN
1996 5-012.01

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	AT RP	TAPE	AT WS	RP-WS	GS-WS	WS S95-S96	COMMENTS
		ELEV	ELEV	M D Y									ELEV CHANGE	
5050	22N16E01A02M	5090.4	5090.0	5 8 96				38.0	4.7	33.3	32.9	5057.1	6.0	FLOWING SEVERAL GPM.
5050	23N16E25J01M	5081.2	5080.0	5 8 96	7									
5050	23N16E36A01M	5156.2	5155.0	5 8 96				55.0	5.0	50.0	48.8	5106.2	6.7	
5050	23N16E36B01M	5126.3	5125.0	5 8 96				55.0	3.7	51.3	50.0	5075.0	13.4	
5050	23N16E36D02M	5113.5	5112.0	5 8 96				70.0	6.0	64.0	62.5	5049.5	9.9	
5050	23N16E36H01M	5120.0	5119.0	5 8 96				14.0	3.3	10.7	9.7	5109.3	1.9	FLOWING 2-3 GPM.
5050	23N16E36K01M	5030.9	5030.0	5 8 96	7									
5050	23N16E36L03M	5011.2	5010.0	5 8 96				5.3	0.0	5.3	4.1	5005.9	0.0	
5050	23N16E36L04M	5031.1	5030.0	5 8 96				38.0	8.8	29.2	28.1	5001.9	7.7	
5050	23N16E36N02M	5010.8	5010.0	5 8 96	1			12.0	0.3	11.7	10.9	4999.1		
5050	23N16E36R01M	5036.0	5035.0	5 8 96				7.0	2.2	4.8	3.8	5031.2	3.8	POND FULL, CASING SUBMERGED.
5050	23N17E30M01M	5085.5	5085.0	5 8 96	7									
5050	23N17E31P01M	5171.0	5170.0	5 8 96				115.0	2.7	112.3	111.3	5058.7	2.5	
5050	23N17E31Q01M	5240.0	5239.1	5 8 96				165.0	0.9	164.1	163.2	5075.9	2.6	
5050	23N17E31Q02M	5211.0	5210.0	5 8 96				145.0	5.8	139.2	138.2	5071.8		
CHANGE SUMMARY: RANGE (0.0 13.4) AVERAGE 5.5														-----

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

- NO MEASUREMENT CODE
 0. Measurement discontinued 5. Unable to locate well
 1. Pumping 6. Well has been destroyed
 2. Pump house locked 7. Special
 3. Tape hung up 8. Casing leaking or wet
 4. Can't get tape in casing 9. Temporarily inaccessible

- QUESTIONABLE MEASUREMENT CODE
 0. Caved or deepened 5. Air or pressure gauge measurement
 1. Pumping 6. Other
 2. Nearby pump operation 7. Recharge operation at or nearby well
 3. Casing leaking or wet 8. Oil in casing
 4. Pumped recently

.....MEASUREMENT AGENCY CODE.....
 5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES

Highs in the upper 60's, Lows in the upper 30's, sunny to partial clouds with some afternoon winds.

Water levels were generally higher this spring compared to last spring. Irrigation activity at the turf farm began early this week with less than 4 acre-feet extracted at the time of measurement.

SPRING 1996

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	TAPE	AT WS	RP-WS	GS-WS	ELEV	WS S95-S96	COMMENTS
		ELEV	ELEV	M D Y	CODE	CODE	AT RP	AT WS				CHANGE		
5050	20N14E01H01M	4915.3	4915.0	5 7 96	7		5.0	1.2	3.8		2.8	4982.8	0.0	Flowing
5050	20N14E13Q02M	4986.6	4985.6	5 7 96			3.0	0.9	2.1		1.2	5033.8	-0.3	
5050	20N14E14R01M	5035.9	5035.0	5 7 96			17.0	0.9	16.1		15.1	4919.9	0.9	
5050	21N14E25P03M	4936.0	4935.0	5 7 96			7.0	0.4	6.6		5.6	4927.0		
5050	21N14E29J01M	4933.6	4932.6	5 9 96	4		1.3	0.0	1.3		1.3	4918.7	0.0	
5050	21N14E36Q02M	4920.0	4920.0	5 7 96			10.3	0.0	10.3		9.6	4903.4		
5050	21N15E01K01M	4913.7	4913.0	5 8 96			16.0	0.0	16.0		15.5	4897.5		
5050	21N15E01K02M	4913.5	4913.0	5 8 96			20.0	1.4	18.6		15.2	4874.8	6.0	
5050	21N15E03L01M	4893.4	4890.0	5 7 96			20.0	3.9	16.1		14.5	4877.5	6.8	
5050	21N15E03M03M	4893.6	4892.0	5 7 96			10.0	4.3	5.7		2.7	4890.3	0.1	
5050	21N15E04Q01M	4896.0	4893.0	5 7 96										Flowing
5050	21N15E07R01M	4894.7	4892.7	5 7 96	7									Flowing
5050	21N15E09N06M	4911.3	4911.0	5 7 96	7									
5050	21N15E10C01M	4895.4	4894.0	5 7 96			15.0	7.3	7.7		6.3	4887.7		
5050	21N15E11M03M	4903.0	4902.0	5 7 96			15.0	4.4	10.6		9.6	4892.4		
5050	21N15E12H01M	4930.8	4930.0	5 7 96			25.0	4.6	20.4		19.6	4910.4	5.1	
5050	21N15E12J01M	4942.8	4942.0	5 7 96			25.2	0.0	25.2		24.4	4917.6	4.9	
5050	21N15E12P03M	4928.4	4927.0	5 7 96			17.0	3.3	13.7		12.3	4914.7	6.1	
5050	21N15E14D02M	4916.0	4915.0	5 8 96			8.0	1.3	6.7		5.7	4909.3	0.6	
5050	21N15E14L01M	5000.5	5000.0	5 8 96			90.0	8.2	81.8		81.3	4918.7	2.1	
5050	21N15E18F02M	4894.2	4891.4	5 6 96	7		47.0	0.2	46.8		45.8	4904.2	4.6	
5050	21N16E06H03M	4951.0	4950.0	5 7 96			34.0	5.2	28.8		27.7	4918.3	6.1 e	
5050	21N16E06Q02M	4947.1	4946.0	5 7 96			42.0	1.3	40.7		39.1	4926.9	5.5	
5050	21N16E07A01M	4967.6	4966.0	5 7 96										well still inaccessible
5050	21N16E07D02M	4935.2	4935.0	5 7 96	4		15.0	5.8	9.2		8.5	4952.5	7.9	
5050	21N16E07F04M	4961.7	4961.0	5 7 96			45.0	6.5	38.5		38.3	4921.7	5.4	
5050	21N16E07G01M	4960.2	4960.0	5 7 96			35.0	6.2	28.8		28.8	4909.2	3.9	
5050	21N16E07M01M	4938.0	4938.0	5 7 96			18.0	2.8	15.2		13.5	4981.5	2.0	
5050	21N16E18G02M	4996.7	4995.0	5 7 96			20.0	4.5	15.5		13.7	5076.3	-0.8	
5050	21N16E30A01M	5091.8	5090.0	5 9 96										
5050	21N16E30J01M	5121.5	5120.0	5 9 96	2		60.0	6.9	53.1		52.1	4992.9		Lloyd Larsen didn't show for a
5050	22N14E21Q01M	5046.0	5045.0	5 9 96		1	35.0	7.6	27.4		26.5	5018.5		well pumping ~400 gpm (owner)
5050	22N14E21Q02M	5045.9	5045.0	5 9 96		2								21Q01 pumping
5050	22N14E26L01M	4896.0	4894.5	5 9 96	7									Flowing
5050	22N14E35C02M	4889.5	4888.0	5 9 96	7									Flowing
5050	22N15E08Q01M	4877.0	4877.0	5 7 96			2.3	0.0	2.3		2.3	4874.7	-0.5	

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	TAPE	AT WS	RP-WS	GS-WS	ELEV	WS S95-S96	CHARGE	COMMENTS
		ELEV	ELEV	M D Y	CODE	CODE	AT RP	AT WS							
5050	22N15E10B01M	4891.2	4891.0	5 7 96			37.0	1.9		35.1	34.9	4856.1	10.7		
5050	22N15E10C01M	4891.8	4891.0	5 7 96	8		42.0	5.8		36.2	35.4	4855.6	10.2 e		
5050	22N15E13N01M	4894.0	4893.5	5 7 96			29.0	2.6		26.4	25.9	4867.6	9.0 e		pump off base, RP= TOC
5050	22N15E15Q01M	4890.0	4889.0	5 7 96			4.1	0.0		4.1	3.1	4885.9	-0.3		
5050	22N15E16L01M	4881.0	4881.0	5 7 96	9										road too wet
5050	22N15E17H01M	4878.0	4880.0	5 7 96	9										pond area full, csg under water
5050	22N15E22Q01M	4882.2	4880.9	5 7 96			15.0	3.2		11.8	10.5	4870.4	5.0		
5050	22N15E26K01M	4888.1	4886.2	5 7 96			14.0	3.3		10.7	8.8	4877.4	7.7		
5050	22N15E26K03M	4886.2	4886.0	5 7 96			12.0	2.7		9.3	9.1	4876.9	13.6		
5050	22N15E27Q01M	4884.7	4882.0	5 7 96			16.0	0.9		15.1	12.4	4869.6	7.6		
5050	22N15E28L01M	4883.1	4881.5	5 7 96			26.0	1.8		24.2	22.6	4858.9	3.5		
5050	22N15E34G01M	4882.0	4880.0	5 7 96			17.0	0.4		16.6	14.6	4865.4			
5050	22N15E34L05M	4891.2	4890.2	5 7 96			75.3	60.0		15.3	14.3	4875.9	6.5		60 ft. off sounder
5050	22N15E34L06M	4886.0	4885.0	5 7 96			15.0	0.7		14.3	13.3	4871.7	7.0		
5050	22N15E36H01M	4900.0	4900.0	5 7 96			8.0	3.4		4.6	4.6	4895.4			
5050	22N15E36J01M	4911.8	4910.0	5 7 96	8		12.0	3.1		8.9	7.1	4902.9	12.0 e		
5050	22N15E36N01M	4898.0	4897.0	5 7 96	8		8.0	1.1		6.9	5.9	4891.1	8.5 e		
5050	22N15E36Q01M	4908.3	4908.0	5 7 96			8.0	2.4		5.6	5.3	4902.7	10.6		
5050	22N16E04A01M	4932.8	4932.0	5 6 96			9.0	1.8		7.2	6.4	4925.6	4.4		
5050	22N16E06R02M	4909.0	4908.0	5 6 96			32.0	5.2		26.8	25.8	4882.2	5.5		
5050	22N16E07G01M	4907.0	4906.0	5 6 96			18.0	1.4		16.6	15.6	4890.4	3.7		
5050	22N16E08P01M	4911.7	4910.0	5 7 96			14.0	0.7		13.3	11.6	4898.4	6.7		
5050	22N16E17C01M	4911.2	4907.0	5 7 96			14.0	4.4		9.6	5.4	4901.6	4.6		
5050	22N16E17D01M	4911.7	4910.0	5 7 96			8.0	1.4		6.6	4.9	4905.1	7.2		
5050	22N16E17E02M	4902.6	4901.3	5 7 96			5.0	0.0		5.0	3.7	4897.6	6.4		
5050	22N16E18R01M	4901.4	4900.0	5 7 96	8		9.0	2.9		6.1	4.7	4895.3	6.7 e		
5050	22N16E19A01M	4900.0	4900.0	5 7 96			7.0	1.8		5.2	5.2	4894.8	6.4 e		
5050	22N16E19K01M	4913.2	4912.6	5 7 96			12.5	0.0		12.5	11.9	4900.7			
5050	22N16E19M01M	4894.7	4893.1	5 7 96			13.7	0.0		13.7	12.1	4881.0	6.9		
5050	22N16E20G02M	4921.5	4920.8	5 7 96	7										G3 also flowing
5050	22N16E20P02M	4937.1	4934.6	5 7 96			8.0	3.8		4.2	1.7	4932.9	-0.8		
5050	22N16E30Q01M	4916.0	4915.0	5 7 96			25.0	2.4		22.6	21.6	4893.4			
5050	23N14E25G01M	4892.0	4891.7	5 6 96			6.0	0.8		5.2	4.9	4886.8	1.6		
5050	23N14E25K01M	4891.6	4891.1	5 6 96			4.0	0.6		3.4	2.9	4888.2	0.2		
5050	23N14E25K04M	4890.1	4889.0	5 6 96			12.0	0.1		11.9	10.8	4878.2	2.4		
5050	23N14E35L01M	4879.2	4877.5	5 9 96			10.0	0.9		9.1	7.4	4870.1	0.9		

SPRING 1996

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	TAPE	AT WS	RP-WS	GS-WS	ELEV	WS S95-S96	COMMENTS
		ELEV	ELEV	M D Y	CODE	CODE	AT RP						CHANGE	
5050	23NI15E20Q01M	4908.7	4908.0	5 6 96	7		25.0	0.8	24.2	23.2	4881.8	6.9 e		flowing 10+ gpm
5050	23NI15E25J01M	4906.0	4905.0	5 6 96			40.0	1.9	38.1	37.1	4860.9	-7.3 e		pumped ~1.58 AF Mon-Wed this w
5050	23NI15E26G01M	4899.0	4898.0	5 9 96		8	17.4	0.0	17.4	16.4	4880.6	4.4 e		
5050	23NI15E26R01M	4898.0	4897.0	5 6 96			3.3	0.0	3.3	3.3	4896.7	0.9		flowing ~5-10 gpm
5050	23NI15E27E01M	4900.0	4900.0	5 6 96										flowing out hole in side of cs
5050	23NI15E29D01M	4892.2	4890.0	5 6 96	7		23.1	0.0	23.1	20.0	4881.0			first time I've seen this well
5050	23NI15E29H01M	4898.4	4896.4	5 6 96	7		18.0	0.6	17.4	17.1	4973.9	1.5		flowing over 4.7' exten.
5050	23NI15E29N01M	4882.0	4882.0	5 6 96	7		8.0	2.0	6.0	4.6	4925.4	5.2 e		
5050	23NI15E34D01M	4893.0	4888.3	5 6 96	7		18.0	1.1	16.9	14.9	4975.1	-1.4		
5050	23NI15E36G01M	4904.1	4901.0	5 6 96	8		8.0	2.2	5.8	5.2	4958.0	0.5		
5050	23NI16E17M01M	4991.3	4991.0	5 6 96			3.0	2.3	0.7	-0.5	4939.0	2.9		still pumping the 9th
5050	23NI16E19N01M	4931.4	4930.0	5 6 96	8									flowing 5+ gpm
5050	23NI16E23F01M	4992.0	4990.0	5 8 96										
5050	23NI16E27R01M	4963.8	4963.2	5 8 96										
5050	23NI16E28L01M	4939.7	4938.5	5 6 96										
5050	23NI16E29G01M	4941.0	4940.0	5 6 96	1									
5050	23NI16E30C01M	4919.7	4918.0	5 6 96	7									
5050	23NI16E30R01M	4916.0	4915.0	5 6 96		8	40.0	0.8	39.2	38.2	4876.8	3.0 e		
5050	23NI16E32J01M	4926.4	4925.0	5 6 96		8	38.0	0.0	38.0	36.6	4888.4	6.1 e		
5050	23NI16E32Q01M	4920.5	4920.0	5 6 96		8	39.0	3.0	36.0	35.5	4884.5			
5050	23NI16E33A02M	4941.0	4940.0	5 6 96	1?		11.0	1.6	9.4	8.4	4931.6			sprinklers on, can't hear subm
5050	23NI16E34G03M	4954.3	4955.0	5 8 96			12.0	4.7	7.3	8.0	4947.0	1.7		

CHANGE SUMMARY: RANGE (-7.3 13.6) AVERAGE 4.3

FALL 1996

FALL BASIN # CHILCOOT SUB-BASIN
1996 5-012.01

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM CODE	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV	WS F95-F96 CHANGE	COMMENTS
5050	22N16E01A02M	5090.4	5090.0	10 29 96			40.0	5.6	34.4	34.0	5056.0	4.7	
5050	23N16E25J01M	5081.2	5080.0	10 29 96	3		0.0	-0.8	0.8	-0.4	5080.4		Trickle from nearby pipe.
5050	23N16E36A01M	5156.2	5155.0	10 29 96			60.0	4.4	55.6	54.4	5100.6	3.5	Well water has odor.
5050	23N16E36B01M	5126.3	5125.0	10 29 96			55.0	2.2	52.8	51.5	5073.5	3.2	
5050	23N16E36D02M	5113.5	5112.0	10 29 96			85.0	12.9	72.1	70.6	5041.4	9.8	
5050	23N16E36H01M	5120.0	5119.0	10 29 96			35.0	5.8	29.2	28.2	5090.8	3.5	Flowing ~3/4 gpm.
5050	23N16E36K01M	5030.9	5030.0	10 29 96	7								
5050	23N16E36L03M	5011.2	5010.0	10 29 96			8.0	0.0	8.0	6.8	5003.2	5.3	
5050	23N16E36L04M	5031.1	5030.0	10 29 96			45.0	10.0	35.0	33.9	4996.1	7.7	
5050	23N16E36N02M	5010.8	5010.0	10 29 96			15.0	3.5	11.5	10.7	4999.3	1.6	
5050	23N16E36R01M	5036.0	5035.0	10 29 96			15.0	3.8	11.2	10.2	5024.8	0.6	
5050	23N17E30M01M	5085.5	5085.0	10 29 96			0.0	-0.4	0.4	-0.1	5085.1	0.6	Water all around well.
5050	23N17E31P01M	5171.0	5170.0	10 29 96			115.0	3.3	111.7	110.7	5059.3	2.5	
5050	23N17E31Q01M	5240.0	5239.1	10 29 96			170.0	10.5	159.5	158.6	5080.5	6.3	
5050	23N17E31Q02M	5211.0	5210.0	10 29 96			140.0	3.4	136.6	135.6	5074.4	4.3	

CHANGE SUMMARY: RANGE (0.6 9.8) AVERAGE 4.1

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

- NO MEASUREMENT CODE
0. Measurement discontinued 5. Unable to locate well
1. Pumping 6. Well has been destroyed
2. Pump house locked 7. Special
3. Tape hung up 8. Casing leaking or wet
4. Can't get tape in casing 9. Temporarily inaccessible
- QUESTIONABLE MEASUREMENT CODE
0. Caved or deepened 5. Air or pressure gauge measurement
1. Pumping 6. Other
2. Nearby pump operation 7. Recharge operation at or nearby well
3. Casing leaking or wet 8. Oil in casing
4. Pumped recently
- MEASUREMENT AGENCY CODE
5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES

Rainfall to day slightly below average. Current temperature during day ranged from 35 to 45 degrees F, nighttime between 25 and 35. Irrigating appears to be done for the season. Water levels are up from a year ago.

FALL 1996

BASIN #

FALL 1996

PAGE 1 OF 4

SIERRA VALLEY

5-012.00

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	AT	WS	TAPE	RP	WS	GS	ELEV	WS F95-F96 ELEV CHANGE	COMMENTS
5050	20N14E01H01M	4915.3	4915.0	10 31 96	9											
5050	20N14E13Q02M	4986.6	4985.6	10 31 96			5.0	-0.5	5.5				4.5	4981.1	-0.2	Flowing - hard to access.
5050	20N14E14R01M	5035.9	5035.0	10 31 96			10.0	5.7	4.3				3.4	5031.6	3.3	
5050	21N14E25P03M	4936.0	4935.0	10 31 96			25.0	2.2	22.8				21.8	4913.2	-0.6	
5050	21N14E29J01M	4933.6	4932.6	10 31 96			10.0	0.5	9.5				8.5	4924.1	0.2	
5050	21N14E36Q02M	4920.0	4920.0	10 31 96			2.0	-0.4	2.4				2.4	4917.6	0.1	
5050	21N15E01K01M	4913.7	4913.0	10 30 96			30.2	0.0	30.2				29.5	4883.5	7.7	
5050	21N15E01K02M	4913.5	4913.0	10 30 96			16.7	0.0	16.7				16.2	4896.8	-0.3	
5050	21N15E03L01M	4893.4	4890.0	10 30 96			35.0	-0.2	35.2				31.8	4858.2	-1.6	
5050	21N15E03M03M	4893.6	4892.0	10 30 96			55.0	17.6	37.4				35.8	4856.2	11.7	
5050	21N15E04Q01M	4896.0	4893.0	10 30 96			10.0	1.1	8.9				5.9	4887.1	0.2	Flowing ~1 gpm.
5050	21N15E07R01M	4894.7	4892.7	10 31 96	7											Flowing ~2-3 gpm.
5050	21N15E09N06M	4911.3	4911.0	10 30 96	7											
5050	21N15E10C01M	4895.4	4894.0	10 30 96			13.0	0.2	12.8				11.4	4882.6	0.2	
5050	21N15E11M03M	4903.0	4902.0	10 30 96			30.0	2.3	27.7				26.7	4875.3	5.3	
5050	21N15E12H01M	4930.8	4930.0	10 30 96		8	55.0	17.6	37.4				36.6	4893.4	7.2 e	
5050	21N15E12J01M	4942.8	4942.0	10 30 96			40.0	0.5	39.5				38.7	4903.3	5.8	
5050	21N15E12P03M	4928.4	4927.0	10 30 96			35.0	4.8	30.2				28.8	4898.2	10.9	5 large dogs roaming. For Sale sign on gate. Trickling ~1/4 gpm.
5050	21N15E14D02M	4916.0	4915.0	10 30 96	9											
5050	21N15E14L01M	5000.5	5000.0	10 30 96	2											
5050	21N15E18F02M	4894.2	4891.4	10 31 96	7											
5050	21N16E06H03M	4951.0	4950.0	10 30 96			60.0	5.7	54.3				53.3	4896.7	2.8	
5050	21N16E06Q02M	4947.1	4946.0	10 30 96			55.0	14.0	41.0				39.9	4906.1	6.8	
5050	21N16E07A01M	4967.6	4966.0	10 30 96			60.0	14.9	45.1				43.5	4922.5	5.7	
5050	21N16E07D02M	4935.2	4935.0	10 30 96	4											No access-read elect. meter.
5050	21N16E07F04M	4961.7	4961.0	10 30 96			25.0	4.7	20.3				19.6	4941.4	4.3	
5050	21N16E07G01M	4960.2	4960.0	10 30 96			60.0	8.3	51.7				51.5	4908.5	6.4	
5050	21N16E07M01M	4938.0	4938.0	10 30 96			50.0	7.4	42.6				42.6	4895.4	6.5	
5050	21N16E18G02M	4996.7	4995.0	10 30 96			25.0	4.9	20.1				18.4	4976.6	1.4	
5050	21N16E30A01M	5091.8	5090.0	10 30 96			21.0	0.8	20.2				18.4	5071.6	0.0	
5050	21N16E30J01M	5121.5	5120.0	10 30 96			45.0	0.0	45.0				43.5	5076.5	0.1	
5050	22N14E21Q01M	5046.0	5045.0	10 31 96			10.0	0.9	9.1				8.1	5036.9	6.3	
5050	22N14E21Q02M	5045.9	5045.0	10 31 96			11.0	1.9	9.1				8.2	5036.8	6.5	
5050	22N14E26L01M	4896.0	4894.5	10 31 96			1.0	-0.5	1.5				0.0	4894.5	-0.1	Flowing ~10+ gpm.
5050	22N14E35C02M	4889.5	4888.0	10 31 96	7											
5050	22N15E08Q01M	4877.0	4877.0	10 29 96			5.0	-0.9	5.9				5.9	4871.1	-0.1	

FALL 1996

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM CODE	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV CHANGE	WS F95-F96 ELEV	COMMENTS
5050	22N15E10B01M	4891.2	4891.0	10 29 96			60.0	12.5	47.5	47.3	4843.7	5.2	
5050	22N15E10C01M	4891.8	4891.0	10 29 96	8		65.0	10.9	54.1	53.3	4837.7	6.4 e	
5050	22N15E13N01M	4893.5	4893.0	10 29 96			39.0	0.0	39.0	38.5	4854.5	10.0 e	
5050	22N15E15Q01M	4890.0	4889.0	10 29 96			7.0	-0.3	7.3	6.3	4882.7	0.3	
5050	22N15E16L01M	4881.0	4881.0	10 29 96			20.0	-0.6	20.6	20.6	4860.4		
5050	22N15E17H01M	4878.0	4880.0	10 29 96			10.0	5.2	4.8	6.8	4873.2	-0.5	
5050	22N15E22Q01M	4882.2	4880.9	10 31 96			20.0	4.0	16.0	14.7	4866.2	1.3	
5050	22N15E26K01M	4888.1	4886.2	10 31 96			30.0	6.2	23.8	21.9	4864.3	5.7	
5050	22N15E26K03M	4886.2	4886.0	10 31 96			40.0	11.1	28.9	28.7	4857.3	11.4	
5050	22N15E27Q01M	4884.7	4882.0	10 31 96			50.0	14.9	35.1	32.4	4849.6	17.0	
5050	22N15E28L01M	4883.1	4881.5	10 30 96	3								Obstruction at 26.5 ft.
5050	22N15E34G01M	4882.0	4880.0	10 31 96			50.0	12.4	37.6	35.6	4844.4	16.5	
5050	22N15E34L05M	4891.2	4890.2	10 30 96			50.0	13.2	36.8	35.8	4854.4	15.9	
5050	22N15E34L06M	4886.0	4885.0	10 30 96			40.0	3.8	36.2	35.2	4849.8	5.6	
5050	22N15E36H01M	4900.0	4900.0	10 31 96			30.0	7.7	22.3	22.3	4877.7	9.6	
5050	22N15E36J01M	4911.8	4910.0	10 31 96			35.0	10.6	24.4	22.6	4887.4	8.2 e	
5050	22N15E36N01M	4898.0	4897.0	10 30 96	8		45.0	15.4	29.6	28.6	4868.4	12.8 e	
5050	22N15E36Q01M	4908.3	4908.0	10 30 96			37.0	14.6	22.4	22.1	4885.9	7.5	
5050	22N16E04A01M	4932.8	4932.0	10 30 96			15.0	0.7	14.3	13.5	4918.5	1.3	
5050	22N16E06R02M	4909.0	4908.0	10 30 96			65.0	6.9	58.1	57.1	4850.9	-5.9	
5050	22N16E07G01M	4907.0	4906.0	10 30 96			40.0	3.8	36.2	35.2	4870.8	-3.9	
5050	22N16E08P01M	4911.7	4910.0	10 29 96			15.0	0.3	14.7	13.0	4897.0	5.4	
5050	22N16E17C01M	4911.2	4907.0	10 29 96			13.0	1.8	11.2	7.0	4900.0	4.0	
5050	22N16E17D01M	4911.7	4910.0	10 29 96			15.0	7.0	8.0	6.3	4903.7	5.4	
5050	22N16E17E02M	4902.6	4901.3	10 29 96			10.0	1.7	8.3	7.0	4894.3	3.3	
5050	22N16E18R01M	4901.4	4900.0	10 29 96	8		25.0	16.6	8.4	7.0	4893.0	6.2 e	
5050	22N16E19A01M	4900.0	4900.0	10 29 96			25.0	17.5	7.5	7.5	4892.5	5.9 e	No oil.
5050	22N16E19K01M	4913.2	4912.6	10 30 96			22.0	6.7	15.3	14.7	4897.9	6.7	
5050	22N16E19M01M	4894.7	4893.1	10 30 96			25.0	7.0	18.0	16.4	4876.7	7.1 e	
5050	22N16E20G02M	4921.5	4920.8	10 30 96	7								Flowing, G3 also.
5050	22N16E20P02M	4937.1	4934.6	10 30 96			15.0	11.6	3.4	0.9	4933.7	14.8	
5050	22N16E30Q01M	4916.0	4915.0	10 30 96	8		40.0	16.6	23.4	22.4	4892.6	7.2 e	
5050	23N14E25G01M	4892.0	4891.7	10 28 96			15.0	1.6	13.4	13.1	4878.6	0.9	
5050	23N14E25K01M	4891.6	4891.1	10 28 96			10.0	0.1	9.9	9.4	4881.7	-0.1	
5050	23N14E25K04M	4890.1	4889.0	10 28 96			25.0	2.7	22.3	21.2	4867.8	1.1	
5050	23N14E35L01M	4879.2	4877.5	10 31 96			15.0	2.7	12.3	10.6	4866.9	1.0	

FALL BASIN # SIERRA VALLEY
1996 5-012.00

FALL 1996

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AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV CHANGE	WS F95-F96 CHANGE	COMMENTS
5050	23NI15E20Q01M	4908.7	4908.0	10 28 96	7		60.0	5.2	54.8	53.8	4851.2	4.0	Flowing 10+ gpm.
5050	23NI15E25J01M	4906.0	4905.0	10 28 96			55.0	9.6	45.4	44.4	4853.6	-5.7 e	
5050	23NI15E26G01M	4899.0	4898.0	10 28 96			50.0	2.0	48.0	47.0	4850.0	-6.1 e	
5050	23NI15E26R01M	4898.0	4897.0	10 28 96			7.0	0.4	6.6	6.6	4893.4	0.3	
5050	23NI15E27E01M	4900.0	4900.0	10 28 96			25.0	17.7	7.3	5.1	4884.9	2.9 e	
5050	23NI15E29D01M	4892.2	4890.0	10 28 96	8		1.0	-0.1	1.1	-0.9	4897.3	1.3	
5050	23NI15E29H01M	4898.4	4896.4	10 28 96			15.0	1.3	13.7	13.4	4868.6		New R.P.
5050	23NI15E29N01M	4882.3	4882.0	10 28 96			1.0	0.5	0.5	-4.2	4892.5	1.8	
5050	23NI15E34D01M	4893.0	4888.3	10 28 96			75.0	23.3	51.7	48.6	4852.4	-5.7 e	
5050	23NI15E36G01M	4904.1	4901.0	10 28 96	8		20.0	2.4	17.6	17.3	4973.7		
5050	23NI16E17M01M	4991.3	4991.0	10 29 96			40.0	24.7	15.3	13.9	4916.1	8.9 e	Tape hangs up. Obstruction?
5050	23NI16E19N01M	4931.4	4930.0	10 28 96	8		20.0	3.3	16.7	14.7	4975.3	1.0	
5050	23NI16E23F01M	4992.0	4990.0	10 29 96			8.0	0.4	7.6	7.0	4956.2	0.2	
5050	23NI16E27R01M	4963.8	4963.2	10 30 96			10.0	3.6	6.4	5.2	4933.3	2.8	
5050	23NI16E28L01M	4939.7	4938.5	10 29 96			80.0	26.1	53.9	52.9	4887.1	-5.1 e	Pumping 17 hrs. ago.
5050	23NI16E29G01M	4941.0	4940.0	10 29 96	8		25.0	14.1	10.9	9.2	4908.8		30R1 and 29G1 pumping.
5050	23NI16E30C01M	4919.7	4918.0	10 28 96	2		80.0	10.1	69.9	68.9	4846.1		Pumping 17 hrs. ago.
5050	23NI16E30R01M	4916.0	4915.0	10 29 96	8		80.0	10.4	69.6	68.2	4856.8	-3.9 e	
5050	23NI16E32J01M	4926.4	4925.0	10 30 96	8		76.0	9.0	67.0	66.5	4853.5	0.9 e	
5050	23NI16E32Q01M	4920.5	4920.0	10 30 96	8		7.0	-0.5	7.5	6.5	4933.5	2.5	
5050	23NI16E33A02M	4941.0	4940.0	10 30 96			15.0	3.1	11.9	12.6	4942.4		
5050	23NI16E34G03M	4954.3	4955.0	10 29 96									

CHANGE SUMMARY: RANGE (-6.1 17.0) AVERAGE 3.8

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

..... NO MEASUREMENT CODE	 QUESTIONABLE MEASUREMENT CODE
0. Measurement discontinued	0. Caved or deepened
1. Pumping	1. Pumping
2. Pump house locked	2. Nearby pump operation
3. Tape hung up	3. Casing leaking or wet
4. Can't get tape in casing	4. Pumped recently
5. Unable to locate well	5. Air or pressure gauge measurement
6. Well has been destroyed	6. Other
7. Special	7. Recharge operation at or nearby well
8. Casing leaking or wet	8. Oil in casing
9. Temporarily inaccessible	

.....MEASUREMENT AGENCY CODE.....
5050 CALIFORNIA DEPARTMENT OF WATER RESOURCES

Rainfall to date slightly below average. Current temperature during day ranged from 35 to 45 degrees F, nighttime between 25 and 35. Irrigating appears to be done for the season. Water levels are up from a year ago.

SPRING 1997

AGENCY	WELL #	RP ELEV	GS ELEV	DATE	NM	QM	TAPE	TAPE	AT WS	RP-WS	GS-WS	ELEV	WS S96-S97	COMMENTS
				M D Y	CODE	CODE	AT RP					CHANGE		
5050	22N16E01A02M	5090.4	5090.0	3 26 97			35.0		5.6	29.4	29.0	5061.0	3.9	
5050	23N16E25J01M	5081.2	5080.0	3 26 97		3	0.0		-0.8	0.8	-0.4	5080.4		Small flow from 1" pipe, 0.5'
5050	23N16E36A01M	5156.2	5155.0	3 26 97			50.0		5.8	44.2	43.0	5112.0	5.8	
5050	23N16E36B01M	5126.3	5125.0	3 26 97			50.0		1.2	48.8	47.5	5077.5	2.5	
5050	23N16E36D02M	5113.5	5112.0	3 26 97			65.0		12.2	52.8	51.3	5060.7	11.2	
5050	23N16E36H01M	5120.0	5119.0	3 26 97			8.0		-0.7	8.7	7.7	5111.3	2.0	Flowing approximately 1 gpm.
5050	23N16E36K01M	5030.9	5030.0	3 26 97	7									
5050	23N16E36L03M	5011.2	5010.0	3 26 97			6.0		2.9	3.1	1.9	5008.1	2.2	
5050	23N16E36L04M	5031.1	5030.0	3 26 97			40.0		23.2	16.8	15.7	5014.3	12.4	
5050	23N16E36N02M	5010.8	5010.0	3 26 97			12.0		5.0	7.0	6.2	5003.8		
5050	23N16E36R01M	5036.0	5035.0	3 26 97			3.0		-0.6	3.6	2.6	5032.4	1.2	Overflowing from pasture seepa
5050	23N17E30M01M	5085.5	5085.0	3 26 97	7									
5050	23N17E31P01M	5171.0	5170.0	3 26 97			115.0		10.2	104.8	103.8	5066.2	7.5	
5050	23N17E31Q01M	5240.0	5239.1	3 26 97			170.0		13.5	156.5	155.6	5083.5	7.6	
5050	23N17E31Q02M	5211.0	5210.0	3 26 97			140.0		5.9	134.1	133.1	5076.9	5.1	
CHANGE SUMMARY: RANGE (1.2 12.4) AVERAGE 5.6														-----

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

..... NO MEASUREMENT CODE	 QUESTIONABLE MEASUREMENT CODE
0. Measurement discontinued	0. Caved or deepened
1. Pumping	1. Pumping
2. Pump house locked	2. Nearby pump operation
3. Tape hung up	3. Casing leaking or wet
4. Can't get tape in casing	4. Pumped recently
5. Unable to locate well	5. Air or pressure gauge measurement
6. Well has been destroyed	6. Other
7. Special	7. Recharge operation at or nearby well
8. Casing leaking or wet	8. Oil in casing
9. Temporarily inaccessible	
.....MEASUREMENT AGENCY CODE.....	

Low temperature near 35, high near 65 degrees F. Strong north wind about 25 mph. Heavy snow last winter, but very little rainfall since then. Had good rain about 10 days ago.

Many wet spots in the dirt roads and pastures in the area. Springs not flowing as heavily as expected.

SPRING 1997

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV CHANGE	WS S96-S97	COMMENTS
5050	20N14E01H01M	4915.3	4915.0	4 5 97	9								
5050	20N14E13Q02M	4986.6	4985.6	4 5 97			3.0	-1.0	4.0	3.0	4982.6	-0.2	
5050	20N14E14R01M	5035.9	5035.0	4 5 97			2.0	-0.8	2.8	1.9	5033.1	-0.7	
5050	21N14E25P03M	4936.0	4935.0	4 5 97			16.0	-0.2	16.2	15.2	4919.8	-0.1	Road too muddy.
5050	21N14E29J01M	4933.6	4932.6	4 5 97			7.0	0.8	6.2	5.2	4927.4		
5050	21N14E36Q02M	4920.0	4920.0	4 5 97			1.0	0.0	1.0	1.0	4919.0	0.3	
5050	21N15E01K01M	4913.7	4913.0	4 5 97			9.0	-0.3	9.3	8.6	4904.4	1.0	
5050	21N15E01K02M	4913.5	4913.0	4 5 97			16.0	-0.4	16.4	15.9	4897.1	-0.4	
5050	21N15E03L01M	4893.4	4890.0	4 5 97			18.0	1.4	16.6	13.2	4876.8	2.0	
5050	21N15E03M03M	4893.6	4892.0	4 5 97			16.0	2.2	13.8	12.2	4879.8	2.3	
5050	21N15E04Q01M	4896.0	4893.0	4 5 97			5.0	-0.7	5.7	2.7	4890.3	0.0	
5050	21N15E07R01M	4894.7	4892.7	4 5 97	7								Flowing ~1 gpm.
5050	21N15E09N06M	4911.3	4911.0	4 5 97	7								Flowing ~5 gpm.
5050	21N15E10C01M	4895.4	4894.0	4 5 97			9.0	1.1	7.9	6.5	4887.5	-0.2	
5050	21N15E11M03M	4903.0	4902.0	4 5 97			10.0	2.7	7.3	6.3	4895.7	3.3	
5050	21N15E12H01M	4930.8	4930.0	4 4 97			30.0	11.0	19.0	18.2	4911.8	1.4	
5050	21N15E12J01M	4942.8	4942.0	4 4 97			25.0	1.0	24.0	23.2	4918.8	1.2	
5050	21N15E12P03M	4928.4	4927.0	4 5 97			15.0	3.3	11.7	10.3	4916.7	2.0	
5050	21N15E14D02M	4916.0	4915.0	4 5 97			6.0	-0.4	6.4	5.4	4909.6	0.3	
5050	21N15E14L01M	5000.5	5000.0	4 5 97			85.0	4.1	80.9	80.4	4919.6	0.9	
5050	21N15E18F02M	4894.2	4891.4	4 5 97	7								Dribbling ~0.25 gpm.
5050	21N16E06H03M	4951.0	4950.0	4 4 97			55.0	12.9	42.1	41.1	4908.9	4.7	
5050	21N16E06Q02M	4947.1	4946.0	4 4 97			30.0	3.3	26.7	25.6	4920.4	2.1	
5050	21N16E07A01M	4967.6	4966.0	4 4 97			40.0	3.6	36.4	34.8	4931.2	4.3	
5050	21N16E07D02M	4935.2	4935.0	4 4 97	4								No access-read electric meter.
5050	21N16E07F04M	4961.7	4961.0	4 4 97			10.0	1.0	9.0	8.3	4952.7	0.2	
5050	21N16E07G01M	4960.2	4960.0	4 4 97			40.0	3.0	37.0	36.8	4923.2	1.5	
5050	21N16E07M01M	4938.0	4938.0	4 4 97			30.0	5.1	24.9	24.9	4913.1	3.9	
5050	21N16E18G02M	4996.7	4995.0	4 4 97			16.0	2.4	13.6	11.9	4983.1	1.6	
5050	21N16E30A01M	5091.8	5090.0	4 4 97			15.0	-1.0	16.0	14.2	5075.8	-0.5	
5050	21N16E30J01M	5121.5	5120.0	4 4 97			45.0	2.1	42.9	41.4	5078.6		
5050	22N14E21Q01M	5046.0	5045.0	4 5 97			4.0	0.2	3.8	2.8	5042.2		
5050	22N14E21Q02M	5045.9	5045.0	4 5 97			5.0	1.3	3.7	2.8	5042.2		
5050	22N14E26L01M	4896.0	4894.5	4 5 97			1.2	0.0	1.2	-0.3	4894.8		
5050	22N14E35C02M	4889.5	4888.0	4 5 97	7								Flowing ~15 gpm.
5050	22N15E08Q01M	4877.0	4877.0	4 4 97			1.0	-1.0	2.0	2.0	4875.0	0.3	

AGENCY	WELL #	RP ELEV	GS ELEV	DATE M D Y	NM CODE	QM	TAPE AT RP	TAPE AT WS	RP-WS	GS-WS	ELEV	WS S96-S97 CHANGE	COMMENTS
5050	22N15E10B01M	4891.2	4891.0	4 5 97			35.0	2.0	33.0	32.8	4858.2	2.1	
5050	22N15E10C01M	4891.8	4891.0	4 5 97			40.0	3.4	36.6	35.8	4855.2	-0.4 e	No oil.
5050	22N15E13N01M	4893.5	4893.0	4 4 97			25.0	1.5	23.5	23.0	4870.0	2.4	Well being cleaned.
5050	22N15E15Q01M	4890.0	4889.0	4 4 97			3.0	-0.4	3.4	2.4	4886.6	0.7	
5050	22N15E16L01M	4881.0	4881.0	4 4 97	9								Ponded water around well.
5050	22N15E17H01M	4878.0	4880.0	4 4 97	9								Casing submerged in water.
5050	22N15E22Q01M	4882.2	4880.9	4 4 97			15.0	1.6	13.4	12.1	4868.8	-1.6	Outside of casing 1.5 ft above
5050	22N15E26K01M	4888.1	4886.2	4 4 97			12.0	4.0	8.0	6.1	4880.1	2.7	
5050	22N15E26K03M	4886.2	4886.0	4 4 97			10.0	3.4	6.6	6.4	4879.6	2.7	
5050	22N15E27Q01M	4884.7	4882.0	4 4 97			15.0	2.4	12.6	9.9	4872.1	2.5	
5050	22N15E28L01M	4883.1	4881.5	4 5 97			24.0	2.6	21.4	19.8	4861.7	2.8	
5050	22N15E34G01M	4882.0	4880.0	4 4 97			16.0	1.7	14.3	12.3	4867.7	2.3	
5050	22N15E34L05M	4891.2	4890.2	4 5 97			15.0	2.2	12.8	11.8	4878.4	2.5	
5050	22N15E34L06M	4886.0	4885.0	4 5 97			15.0	2.5	12.5	11.5	4873.5	1.8	
5050	22N15E36H01M	4900.0	4900.0	4 4 97			4.0	2.0	2.0	2.0	4898.0	2.6	
5050	22N15E36J01M	4911.8	4910.0	4 5 97	8		20.0	12.7	7.3	5.5	4904.5	1.6 e	
5050	22N15E36N01M	4898.0	4897.0	4 5 97	8		15.0	9.6	5.4	4.4	4892.6	1.5 e	
5050	22N15E36Q01M	4908.3	4908.0	4 5 97			5.0	1.2	3.8	3.5	4904.5	1.8	
5050	22N16E04A01M	4932.8	4932.0	4 3 97			6.0	-0.9	6.9	6.1	4925.9	0.3	
5050	22N16E06R02M	4909.0	4908.0	4 3 97			40.0	9.1	30.9	29.9	4878.1	-4.1	
5050	22N16E07G01M	4907.0	4906.0	4 3 97			20.0	0.6	19.4	18.4	4887.6	-2.8	
5050	22N16E08P01M	4911.7	4910.0	4 4 97			10.0	0.6	9.4	7.7	4902.3	3.9	
5050	22N16E17C01M	4911.2	4907.0	4 4 97			10.0	3.9	6.1	1.9	4905.1	3.5	
5050	22N16E17D01M	4911.7	4910.0	4 4 97			5.0	2.1	2.9	1.2	4908.8	3.7	
5050	22N16E17E02M	4902.6	4901.3	4 4 97			7.0	3.9	3.1	1.8	4899.5	1.9	
5050	22N16E18R01M	4901.4	4900.0	4 4 97	9								Road too muddy.
5050	22N16E19A01M	4900.0	4900.0	4 4 97	9								Road too muddy.
5050	22N16E19K01M	4913.2	4912.6	4 4 97		4	8.0	-0.3	8.3	7.7	4904.9		
5050	22N16E19M01M	4894.7	4893.1	4 4 97			10.0	0.6	9.4	7.8	4885.3	4.3	
5050	22N16E20G02M	4921.5	4920.8	4 4 97	7								Flowing ~1 gpm.
5050	22N16E20P02M	4937.1	4934.6	4 4 97			3.0	0.4	2.6	0.1	4934.5	1.6	
5050	22N16E30Q01M	4916.0	4915.0	4 4 97	8		30.0	12.8	17.2	16.2	4898.8	5.4 e	
5050	23N14E25G01M	4892.0	4891.7	4 3 97			5.0	-0.1	5.1	4.8	4886.9	0.1	
5050	23N14E25K01M	4891.6	4891.1	4 3 97			3.0	-0.5	3.5	3.0	4888.1	-0.1	
5050	23N14E25K04M	4890.1	4889.0	4 3 97			11.0	-0.2	11.2	10.1	4878.9	0.7	
5050	23N14E35L01M	4879.2	4877.5	4 5 97	4		15.0	0.0	15.0	13.3	4864.2		

SPRING 1997

AGENCY	WELL #	RP	GS	DATE	NM	QM	TAPE	TAPE	AT WS	RP-WS	GS-WS	ELEV	WS S96-S97	COMMENTS
		ELEV	ELEV	M D Y	CODE	CODE	AT RP	AT WS					CHANGE	
5050	23N15E20Q01M	4908.7	4908.0	4 3 97	7									Flowing ~30 gpm.
5050	23N15E25J01M	4906.0	4905.0	4 3 97			45.0	13.7	31.3	30.3	4874.7	-7.1		
5050	23N15E26G01M	4899.0	4898.0	4 3 97		1	70.0	48.6	21.4	20.4	4877.6		Very oily tape.	
5050	23N15E26R01M	4898.0	4897.0	4 3 97			25.0	3.3	21.7	20.7	4876.3	-4.3 e		
5050	23N15E27E01M	4900.0	4900.0	4 3 97			3.0	0.0	3.0	3.0	4897.0	0.3		
5050	23N15E29D01M	4892.2	4890.0	4 3 97	7									Flowing 10-15 gpm.
5050	23N15E29H01M	4898.4	4896.4	4 3 97	7									Flowing ~0.5 gpm.
5050	23N15E29N01M	4882.3	4882.0	4 3 97	7									Flowing ~10 gpm.
5050	23N15E34D01M	4893.0	4888.3	4 3 97		6	2.0	-0.2	2.2	-2.5	4890.8			Flowing through 1" extension t
5050	23N15E36G01M	4904.1	4901.0	4 3 97		8	45.0	19.8	25.2	22.1	4878.9	-2.1 e		
5050	23N16E17M01M	4991.3	4991.0	4 3 97			30.0	15.7	14.3	14.0	4977.0	3.1		
5050	23N16E19N01M	4931.4	4930.0	4 3 97		8	13.0	11.1	1.9	0.5	4929.5	4.1 e		
5050	23N16E23F01M	4992.0	4990.0	4 3 97			17.0	2.8	14.2	12.2	4977.8	2.7		
5050	23N16E27R01M	4963.8	4963.2	4 3 97			5.0	-0.1	5.1	4.5	4958.7	0.7		
5050	23N16E28L01M	4939.7	4938.5	4 3 97	7									Flowing ~1 gpm.
5050	23N16E29G01M	4941.0	4940.0	4 3 97			45.0	12.3	32.7	31.7	4908.3			Flowing 20 gpm.
5050	23N16E30C01M	4919.7	4918.0	4 3 97	7									
5050	23N16E30R01M	4916.0	4915.0	4 3 97		8	55.0	13.1	41.9	40.9	4874.1	-2.7 e		
5050	23N16E32J01M	4926.4	4925.0	4 3 97		8	52.0	10.5	41.5	40.1	4884.9	-3.5 e		
5050	23N16E32Q01M	4920.5	4920.0	4 3 97		8	50.0	0.6	49.4	48.9	4871.1	-13.4 e		
5050	23N16E33A02M	4941.0	4940.0	4 3 97			1.0	-1.0	2.0	1.0	4939.0			
5050	23N16E34G03M	4954.3	4955.0	4 3 97			7.0	0.8	6.2	6.9	4948.1	1.1		

CHANGE SUMMARY: RANGE (-13.4 5.4) AVERAGE 0.9

e - QUESTIONABLE MEASUREMENT INVOLVED IN VALUE

..... NO MEASUREMENT CODE
0. Measurement discontinued 5. Unable to locate well
1. Pumping 6. Well has been destroyed
2. Pump house locked 7. Special
3. Tape hung up 8. Casing leaking or wet
4. Can't get tape in casing 9. Temporarily inaccessible

..... QUESTIONABLE MEASUREMENT CODE
0. Caved or deepened 5. Air or pressure gauge measurement
1. Pumping 6. Other
2. Nearby pump operation 7. Recharge operation at or nearby well
3. Casing leaking or wet 8. Oil in casing
4. Pumped recently

.....MEASUREMENT AGENCY CODE.....

Cold and windy. Northerly winds to 25 mph, low temperature around 20 degrees F with high about 60. Scattered clouds. Very little rain since January. One good moisture producing storm passed through about three weeks ago.

No pumping for irrigation yet except at the sod farm in the north valley. Seeding of pastures and grain fields is in progress. Soil moisture is still adequate, but will dry fast. Many artesian wells are flowing with abundant water and saturated ground in the "wet lands". It was reported that the whole valley was under water from the big storm in early January. Considerable erosion noted in some fields and roads.

FALL 1997

AGENCY	SWN	RPELEY	GSELEY	MEASDATE	NMCO	QMCO	TAPE	RP	TAPE	NS	DBRP	GSWS	WISE	CHG	COMMENTS	TYPE	GWBAS1	ABB
5050	20N14E01H01M	4915.3	4915.0	10/18/97	9										FLOWING. HARD TO ACCESS.	F	5-012.00	SIE
5050	20N14E13Q02M	4986.6	4985.6	10/18/97				50.0	-0.2		50.2	49.2	4936.4	-44.7		F	5-012.00	SIE
5050	20N14E14R01M	5035.9	5035.0	10/18/97				10.0	3.7		6.3	5.4	5029.6	-2.1		F	5-012.00	SIE
5050	21N14E25P03M	4936.0	4935.0	10/18/97				25.0	2.1		22.9	21.9	4913.1	-0.1		F	5-012.00	SIE
5050	21N14E29J01M	4933.6	4932.6	10/18/97				10.0	0.4		9.6	8.6	4924.0	-0.2		F	5-012.00	SIE
5050	21N14E36Q02M	4920.0	4920.0	10/18/97				3.0	0.4		2.6	2.6	4917.4	-0.3		F	5-012.00	SIE
5050	22N14E21Q01M	5046.0	5045.0	10/18/97				15.0	7.5		7.5	6.5	5038.5	1.6		F	5-012.00	SIE
5050	22N14E21Q02M	5045.9	5045.0	10/18/97				10.0	2.5		7.5	6.8	5038.4	1.5		F	5-012.00	SIE
5050	22N14E26L01M	4896.0	4894.5	10/17/97				1.4	0.0		1.4	-0.1	4894.6	0.1	WATER ALL AROUND WELL. FLOWING ~ 5 GPM.	F	5-012.00	SIE
5050	22N14E35C02M	4899.5	4898.0	10/18/97							0.0	-1.5	4899.5			F	5-012.00	SIE
5050	23N14E25G01M	4892.0	4891.7	10/16/97				15.0	0.9		14.1	13.8	4877.9	-0.8		F	5-012.00	SIE
5050	23N14E25K01M	4891.6	4891.1	10/16/97				13.0	3.2		9.8	9.3	4881.8	0.1		F	5-012.00	SIE
5050	23N14E25K04M	4890.1	4889.0	10/16/97				30.0	3.5		26.5	25.4	4863.6	-4.2		F	5-012.00	SIE
5050	23N14E35L01M	4879.2	4877.5	10/18/97				22.0	0.2		21.8	20.1	4857.4	-9.5		F	5-012.00	SIE
5050	21N15E01K01M	4913.7	4913.0	10/17/97				45.0	0.8		44.2	43.5	4869.5	-14.0		F	5-012.00	SIE
5050	21N15E01K02M	4913.5	4913.0	10/17/97				20.0	2.8		17.2	16.7	4896.3	-0.5		F	5-012.00	SIE
5050	21N15E03L01M	4893.4	4890.0	10/17/97				40.0	2.4		37.6	34.2	4855.8	-2.5		F	5-012.00	SIE
5050	21N15E03M03M	4893.6	4892.0	10/17/97	1			175.0	7.2		167.8	166.2	4725.8	-130.4		F	5-012.00	SIE
5050	21N15E04Q01M	4896.0	4893.0	10/18/97				11.0	1.7		9.3	6.3	4866.7	-0.5		F	5-012.00	SIE
5050	21N15E07R01M	4894.7	4892.7	10/18/97	7										FLOWING ~ 1 GPM.	F	5-012.00	SIE
5050	21N15E09N06M	4911.3	4911.0	10/18/97							0.0	-0.3	4911.3		FLOWING ~ 2 GPM.	F	5-012.00	SIE
5050	21N15E10C01M	4895.4	4894.0	10/17/97				12.0	1.4		10.6	9.2	4884.8	2.1		F	5-012.00	SIE
5050	21N15E11M03M	4903.0	4902.0	10/17/97				80.0	5.5		74.5	73.5	4828.5	-46.9		F	5-012.00	SIE
5050	21N15E12H01M	4930.8	4930.0	10/17/97	1			55.0	5.6		49.4	48.6	4881.4	-12.0		F	5-012.00	SIE
5050	21N15E12J01M	4942.8	4942.0	10/17/97				51.0	0.3		50.7	49.9	4892.1	-11.2		F	5-012.00	SIE
5050	21N15E12P03M	4928.4	4927.0	10/18/97				50.0	7.4		42.6	41.2	4885.8	-12.5		F	5-012.00	SIE
5050	21N15E14D02M	4916.0	4915.0	10/18/97	9										5 MEAN DOGS ROAMING ABOUT.	F	5-012.00	SIE
5050	21N15E14L01M	5000.5	5000.0	10/17/97				90.0	4.5		85.5	85.0	4915.0			F	5-012.00	SIE
5050	21N15E18F02M	4894.2	4891.4	10/18/97	7										FLOWING ~ 0.5 GPM.	F	5-012.00	SIE
5050	22N15E08Q01M	4877.0	4877.0	10/17/97				6.0	-0.3		6.3	6.3	4870.7	-0.5		F	5-012.00	SIE
5050	22N15E10B01M	4891.2	4891.0	10/16/97				60.0	1.3		58.7	58.5	4832.5	-11.2		F	5-012.00	SIE
5050	22N15E10C01M	4891.8	4891.0	10/16/97				70.0	9.1		60.9	60.1	4830.9	-6.8		F	5-012.00	SIE
5050	22N15E13N01M	4894.0	4893.0	10/17/97				45.0	0.8		44.2	43.2	4849.8	-4.7		F	5-012.00	SIE
5050	22N15E15Q01M	4890.0	4889.0	10/16/97				7.0	0.7		6.3	5.3	4883.7	1.0		F	5-012.00	SIE
5050	22N15E16L01M	4881.0	4881.0	10/17/97				35.0	-0.4		35.4	35.4	4845.6	-14.8		F	5-012.00	SIE
5050	22N15E17H01M	4878.0	4880.0	10/17/97				5.0	-0.1		5.1	7.1	4872.9	-0.4		F	5-012.00	SIE
5050	22N15E22Q01M	4882.2	4880.9	10/17/97				20.0	4.5		15.5	14.2	4866.7	0.5		F	5-012.00	SIE
5050	22N15E26K01M	4888.1	4886.2	10/17/97				30.0	-0.8		30.8	28.9	4857.3	-7.0		F	5-012.00	SIE
5050	22N15E26K03M	4886.2	4886.0	10/17/97				40.0	-0.5		40.5	40.3	4845.7	-11.7		F	5-012.00	SIE
5050	22N15E27Q01M	4894.7	4882.0	10/17/97				50.0	2.5		47.5	44.8	4837.2	-12.5		F	5-012.00	SIE
5050	22N15E28L01M	4883.1	4881.5	10/17/97	3										OBSTRUCTION AT 26.5 FT.	F	5-012.00	SIE
5050	22N15E34G01M	4882.0	4880.0	10/17/97				50.0	0.1		49.9	47.9	4832.1	-12.3		F	5-012.00	SIE
5050	22N15E34L05M	4891.2	4890.2	10/17/97	4			41.0	0.1		40.9	39.9	4850.3	-4.1		F	5-012.00	SIE
5050	22N15E34L06M	4886.0	4885.0	10/17/97				50.0	10.1		39.9	38.9	4846.1	-3.7		F	5-012.00	SIE
5050	22N15E36H01M	4900.0	4900.0	10/17/97				35.0	1.8		33.2	33.2	4866.8	-10.9		F	5-012.00	SIE
5050	22N15E36J01M	4911.8	4910.0	10/17/97	8			50.0	11.2		38.8	37.0	4873.0	-14.4		F	5-012.00	SIE
5050	22N15E36N01M	4898.0	4897.0	10/17/97	8			60.0	10.7		49.3	48.3	4848.7	-19.7		F	5-012.00	SIE
5050	22N15E36Q01M	4908.3	4908.0	10/17/97				32.0	-0.8		32.8	32.5	4875.5	-10.4		F	5-012.00	SIE

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AGENCY	SWN	RPELEY	GSELEY	MEASDATE	NMCO	QMCQ	TAPE	RP	TAPE	WS	DBRP	GSWS	WISE	CHG	COMMENTS	TYPE	GWASI	ABB
5050	23N15E20Q01M	4908.7	4908.0	10/16/97	7				55.0	0.9	54.1	53.1	4851.9	0.6	FLOWING ~ 10+ GPM.	F	5-012.00	SIE
5050	23N15E25J01M	4906.0	4905.0	10/16/97					70.0	14.3	55.7	54.7	4843.3	-10.4		F	5-012.00	SIE
5050	23N15E26G01M	4899.0	4898.0	10/16/97					65.0	0.4	64.6	63.6	4833.4	-16.7		F	5-012.00	SIE
5050	23N15E26R01M	4898.0	4897.0	10/16/97					6.0	-0.9	6.9	6.9	4893.1	-0.3		F	5-012.00	SIE
5050	23N15E27E01M	4900.0	4900.0	10/16/97					34.0	19.9	14.1	11.9	4878.1	-8.9	NO OIL.	F	5-012.00	SIE
5050	23N15E29D01M	4892.2	4890.0	10/16/97					1.0	-0.4	1.4	-0.6	4897.0	-0.4		F	5-012.00	SIE
5050	23N15E29H01M	4898.4	4896.4	10/16/97					35.0	11.1	23.9	23.6	4858.4	-10.2	NO OIL.	F	5-012.00	SIE
5050	23N15E29N01M	4882.3	4882.0	10/16/97					2.0	1.4	0.6	-4.1	4892.4	-0.2		F	5-012.00	SIE
5050	23N15E34D01M	4893.0	4888.3	10/16/97					75.0	8.1	66.9	63.8	4837.2	-15.2		F	5-012.00	SIE
5050	23N15E36G01M	4904.1	4901.0	10/16/97		8			55.0	5.1	49.9	48.9	4901.1	4.4		F	5-012.00	SIE
5050	21N16E06H03M	4951.0	4950.0	10/16/97					55.0	6.0	49.0	47.9	4898.1	-8.0		F	5-012.00	SIE
5050	21N16E06Q02M	4947.1	4946.0	10/17/97					55.0	9.5	45.5	43.9	4922.1	-0.4		F	5-012.00	SIE
5050	21N16E07A01M	4967.6	4966.0	10/17/97											NO ACCESS.	F	5-012.00	SIE
5050	21N16E07D02M	4935.2	4935.0	10/17/97	4											F	5-012.00	SIE
5050	21N16E07F04M	4961.7	4961.0	10/17/97					30.0	10.1	19.9	19.2	4941.8	0.4		F	5-012.00	SIE
5050	21N16E07G01M	4960.2	4960.0	10/17/97					65.0	4.2	60.8	60.6	4899.4	-9.2		F	5-012.00	SIE
5050	21N16E07M01M	4938.0	4938.0	10/17/97					58.0	3.8	54.2	54.2	4883.8	-11.6		F	5-012.00	SIE
5050	21N16E18G02M	4966.7	4965.0	10/17/97					25.0	4.3	20.7	19.0	4976.0	-0.7		F	5-012.00	SIE
5050	21N16E30A01M	5091.8	5090.0	10/18/97		1			106.0	0.0	106.0	104.2	4985.8	-85.9		F	5-012.00	SIE
5050	21N16E30J01M	5121.5	5120.0	10/18/97					45.0	-0.7	45.7	44.2	5075.8	-0.7		F	5-012.00	SIE
5050	22N16E04A01M	4932.8	4932.0	10/16/97					20.0	4.8	15.2	14.4	4917.6	-0.9		F	5-012.00	SIE
5050	22N16E06R02M	4909.0	4908.0	10/16/97					75.0	0.3	74.7	73.7	4834.3	-16.6		F	5-012.00	SIE
5050	22N16E07G01M	4907.0	4906.0	10/16/97					60.0	13.5	48.5	45.5	4860.5	-10.4		F	5-012.00	SIE
5050	22N16E08P01M	4911.7	4910.0	10/16/97					25.0	14.7	10.3	8.6	4901.4	4.3		F	5-012.00	SIE
5050	22N16E17C01M	4911.2	4907.0	10/15/97					10.0	1.4	8.6	4.4	4902.6	2.5		F	5-012.00	SIE
5050	22N16E17D01M	4911.7	4910.0	10/16/97					10.0	6.1	3.9	2.2	4907.8	4.1		F	5-012.00	SIE
5050	22N16E17E02M	4902.6	4901.3	10/16/97					7.0	4.3	2.7	1.4	4899.9	5.8		F	5-012.00	SIE
5050	22N16E18R01M	4901.4	4900.0	10/17/97		8			12.0	7.0	5.0	3.6	4896.4	3.3		F	5-012.00	SIE
5050	22N16E19A01M	4900.0	4900.0	10/17/97					20.0	15.8	4.2	4.2	4895.8	3.3		F	5-012.00	SIE
5050	22N16E19K01M	4913.2	4912.6	10/17/97					15.0	4.0	11.0	10.4	4902.2	4.3		F	5-012.00	SIE
5050	22N16E19M01M	4894.7	4893.1	10/17/97					16.0	0.5	15.5	13.9	4879.2	2.5		F	5-012.00	SIE
5050	22N16E20G02M	4921.5	4920.8	10/17/97	7										20G02, 3 AND 4 ALL FLOWING.	F	5-012.00	SIE
5050	22N16E20P02M	4937.1	4934.6	10/17/97					5.0	1.9	3.1	0.6	4934.0	0.3		F	5-012.00	SIE
5050	22N16E30Q01M	4916.0	4915.0	10/17/97					30.0	8.4	21.6	20.6	4894.4	1.7		F	5-012.00	SIE
5050	23N16E17M01M	4991.3	4991.0	10/15/97	9										GATES HAVE COMBO LOCKS.	F	5-012.00	SIE
5050	23N16E19N01M	4931.4	4930.0	10/16/97		8			27.0	14.2	12.8	11.4	4918.6	2.4		F	5-012.00	SIE
5050	23N16E23F01M	4992.0	4990.0	10/15/97					19.0	3.2	15.8	13.8	4976.2	0.8		F	5-012.00	SIE
5050	23N16E27R01M	4963.8	4963.2	10/15/97					8.0	0.7	7.3	6.7	4956.5	0.3		F	5-012.00	SIE
5050	23N16E28L01M	4939.7	4938.5	10/15/97					8.0	1.9	6.1	4.9	4933.6	0.2		F	5-012.00	SIE
5050	23N16E29G01M	4941.0	4940.0	10/15/97					80.0	9.9	70.1	69.1	4870.9	-16.3		F	5-012.00	SIE
5050	23N16E30C01M	4919.7	4918.0	10/16/97					10.0	0.2	9.8	8.1	4909.9			F	5-012.00	SIE
5050	23N16E30R01M	4916.0	4915.0	10/15/97		8			99.0	12.4	88.6	85.6	4829.4	-16.8		F	5-012.00	SIE
5050	23N16E32J01M	4926.4	4925.0	10/16/97		8			95.0	10.0	85.0	83.6	4841.4	-15.5	LOTS OF OIL; VERY MESSY.	F	5-012.00	SIE
5050	23N16E32Q01M	4920.5	4920.0	10/16/97		8			100.0	13.3	86.7	86.2	4833.8	-19.7		F	5-012.00	SIE
5050	23N16E33A02M	4941.0	4940.0	10/15/97					13.0	1.0	12.0	11.0	4929.0	-4.5		F	5-012.00	SIE
5050	23N16E34G03M	4954.3	4955.0	10/15/97		4			15.0	2.8	12.2	12.9	4942.1	-0.3		F	5-012.00	SIE
5050	22N16E01A02M	5090.4	5090.0	10/15/97					40.0	3.6	36.4	36.0	5054.0	-2.0		F	5-012.01	CHI

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AGENCY	SWN	RPELEY	GSELEY	MEASDATE	NMCO	QWCO	TAPE	RP	TAPE	WS	DBRP	GSWS	WSE	CHG	COMMENTS	TYPE	GWASI	ABB
5050	23N16E25J01M	5081.2	5080.0	10/15/97		3		0.0	-0.8		0.8	-0.4	5080.4	0.0	FLOWING ~ 10 GPM FROM 1" PIPE.	F	5-012.01	CHI
5050	23N16E36A01M	5156.2	5155.0	10/15/97				55.0	1.3		53.7	52.5	5102.5	1.8		F	5-012.01	CHI
5050	23N16E36B01M	5126.3	5125.0	10/15/97				55.0	3.0		52.0	50.7	5074.3	0.8		F	5-012.01	CHI
5050	23N16E36D02M	5113.5	5112.0	10/15/97				70.0	-0.4		70.4	68.9	5043.1	1.7		F	5-012.01	CHI
5050	23N16E36H01M	5120.0	5119.0	10/15/97				30.0	3.4		26.6	25.6	5093.4	2.5		F	5-012.01	CHI
5050	23N16E36K01M	5030.9	5030.0	10/15/97	7										FLOWING ~ 2 GPM.	F	5-012.01	CHI
5050	23N16E36L03M	5011.2	5010.0	10/15/97				8.0	-0.8		8.8	7.6	5002.4	-0.9		F	5-012.01	CHI
5050	23N16E36L04M	5031.1	5030.0	10/15/97				40.0	8.1		31.9	30.8	4999.2	3.1		F	5-012.01	CHI
5050	23N16E36N02M	5010.8	5010.0	10/15/97				13.0	2.6		10.4	9.6	5000.4	1.1		F	5-012.01	CHI
5050	23N16E36R01M	5036.0	5035.0	10/15/97				15.0	3.7		11.3	10.3	5024.7	-0.2		F	5-012.01	CHI
5050	23N17E30M01M	5085.5	5085.0	10/15/97				0.8	0.0		0.8	0.3	5084.7	-0.5	HOLE 0.8 BELOW T.O.C. FLOWING	F	5-012.01	CHI
5050	23N17E31P01M	5171.0	5170.0	10/15/97				115.0	16.0		99.0	98.0	5072.0	12.6		F	5-012.01	CHI
5050	23N17E31Q01M	5240.0	5239.1	10/15/97				160.0	2.3		157.7	156.8	5082.3	1.8		F	5-012.01	CHI
5050	23N17E31Q02M	5211.0	5210.0	10/15/97				137.0	1.1		135.9	134.9	5075.1	0.7		F	5-012.01	CHI

SPRING 1998

AGENCY	SWN	RPELEV	GSELEV	MEASDATE	NMCO	QIMCO	TAPE	RP	TAPE	WS	DBRP	GSWS	WSE	CHG	COMMENTS	TYPE	GWBAS	ABB
5050	20N14E01H01M	4915.3	4915.0	5/16/98	9		6.0		2.3	3.7	2.7	4982.9	0.2		Temp. (?) unaccessible-drop ?	S	5-012.00	SIE
5050	20N14E13Q02M	4986.6	4985.6	5/16/98			6.0		3.0	3.0	2.1	5032.9	-0.2			S	5-012.00	SIE
5050	20N14E14R01M	5035.9	5035.0	5/16/98			22.0		0.8	21.2	20.2	4914.8	-5.0			S	5-012.00	SIE
5050	21N14E25P03M	4936.0	4935.0	5/16/98			12.0		8.3	3.7	2.7	4929.9	2.4			S	5-012.00	SIE
5050	21N14E29J01M	4933.6	4932.6	5/16/98			1.0		-0.4	1.4	1.4	4918.6	-0.4			S	5-012.00	SIE
5050	21N14E36Q02M	4920.0	4920.0	5/15/98			6.0		2.0	4.0	3.0	5042.0	-0.2			S	5-012.00	SIE
5050	22N14E21Q01M	5046.0	5045.0	5/14/98			4.0		0.0	4.0	3.1	5041.9	-0.3			S	5-012.00	SIE
5050	22N14E21Q02M	5045.9	5045.0	5/14/98			1.0		-0.5	1.5	0.0	4894.5	-0.4			S	5-012.00	SIE
5050	22N14E26L01M	4896.0	4894.5	5/14/98											Leaking around Pump-Flow < 5gpm?	S	5-012.00	SIE
5050	22N14E35C02M	4889.5	4888.0	5/15/98	7		7.0		2.5	4.5	4.2	4887.5	0.6		RP=inside 3" casing	S	5-012.00	SIE
5050	23N14E25G01M	4892.0	4891.7	5/13/98			3.0		0.0	3.0	2.5	4888.6	0.4			S	5-012.00	SIE
5050	23N14E25K01M	4891.6	4891.1	5/13/98											wner no longer wants well measure	S	5-012.00	SIE
5050	23N14E25K04M	4890.1	4889.0	5/13/98	0											S	5-012.00	SIE

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AGENCY	SWN	RPELEV	GSELEV	MEASDATE	NMCO	QMCO	TAPE	RP	TAPE	WS	DBRP	GSWS	WSE	CHG	COMMENTS	TYPE	GWBSI	ABB
5050	23N14E35L01M	4879.2	4877.5	5/16/98				9.0	0.5	8.5	6.8	4870.7	6.4	Well is actually a cistern-4x4 hole.	S	5-012.00	SIE	
5050	21N15E01K01M	4913.7	4913.0	5/15/98						0.0	-0.7	4913.7	9.2		S	5-012.00	SIE	
5050	21N15E01K02M	4913.5	4913.0	5/15/98				17.0	7.8	9.2	8.7	4904.3	7.1		S	5-012.00	SIE	
5050	21N15E03L01M	4893.4	4890.0	5/15/98				17.0	0.3	16.7	13.3	4876.7	-0.1		S	5-012.00	SIE	
5050	21N15E03M03M	4893.6	4892.0	5/15/98				14.0	0.2	13.8	12.2	4879.8	-0.1		S	5-012.00	SIE	
5050	21N15E04Q01M	4896.0	4893.0	5/15/98				6.0	0.7	5.3	2.3	4890.7	0.3		S	5-012.00	SIE	
5050	21N15E07R01M	4894.7	4892.7	5/16/98	7									Flowing ~ 1 gpm	S	5-012.00	SIE	
5050	21N15E09N06M	4911.3	4911.0	5/15/98	7									Flowing ~ 5 gpm	S	5-012.00	SIE	
5050	21N15E10C01M	4895.4	4894.0	5/15/98				9.0	0.9	8.1	6.7	4887.3	-0.2		S	5-012.00	SIE	
5050	21N15E11M03M	4903.0	4902.0	5/15/98				8.0	1.0	7.0	6.0	4896.0	0.3		S	5-012.00	SIE	
5050	21N15E12H01M	4930.8	4930.0	5/15/98				21.0	1.6	19.4	18.6	4911.4	-0.4		S	5-012.00	SIE	
5050	21N15E12J01M	4942.8	4942.0	5/15/98				25.0	-0.3	25.3	24.5	4917.5	-1.3		S	5-012.00	SIE	
5050	21N15E12P03M	4928.4	4927.0	5/15/98				15.0	3.0	12.0	10.6	4916.4	-0.3		S	5-012.00	SIE	
5050	21N15E14D02M	4916.0	4915.0	5/15/98	9									Bad Dogs--Tried PM--No Luck	S	5-012.00	SIE	
5050	21N15E14L01M	5000.5	5000.0	5/15/98				90.0	8.6	81.4	80.9	4919.1	-0.5		S	5-012.00	SIE	
5050	21N15E18F02M	4894.2	4891.4	5/16/98	7									Flowing ~ 0.5 gpm	S	5-012.00	SIE	
5050	22N15E08Q01M	4877.0	4877.0	5/14/98				1.0	-0.5	1.5	1.5	4875.5	0.5		S	5-012.00	SIE	
5050	22N15E10B01M	4891.2	4891.0	5/14/98				36.0	3.1	32.9	32.7	4858.3	0.0		S	5-012.00	SIE	
5050	22N15E10C01M	4891.8	4891.0	5/14/98				35.0	1.2	33.8	33.0	4858.0	2.8		S	5-012.00	SIE	
5050	22N15E13N01M	4894.0	4893.0	5/14/98				24.0	1.3	22.7	21.7	4871.3	1.3		S	5-012.00	SIE	
5050	22N15E15Q01M	4890.0	4889.0	5/14/98	5									Field leveled, no sign of well ??	S	5-012.00	SIE	
5050	22N15E16L01M	4881.0	4881.0	5/14/98				23.0	3.1	19.9	19.9	4861.1			S	5-012.00	SIE	
5050	22N15E17H01M	4878.0	4880.0	5/14/98				1.0	-0.7	1.7	3.7	4876.3		Pond one-half full	S	5-012.00	SIE	
5050	22N15E22Q01M	4882.2	4880.9	5/15/98				14.0	-0.2	14.2	12.9	4868.0	-0.9	Road flooded to east	S	5-012.00	SIE	
5050	22N15E26K01M	4888.1	4886.2	5/15/98				7.0	-0.1	7.1	5.2	4881.0	0.8		S	5-012.00	SIE	
5050	22N15E26K03M	4886.2	4886.0	5/15/98				5.0	-0.6	5.6	5.4	4880.6	0.9		S	5-012.00	SIE	
5050	22N15E27Q01M	4884.7	4882.0	5/15/98				13.0	1.8	11.2	8.5	4873.5	1.3		S	5-012.00	SIE	
5050	22N15E28L01M	4883.1	4881.5	5/15/98				22.0	0.5	21.5	19.9	4861.6	-0.2		S	5-012.00	SIE	
5050	22N15E34G01M	4882.0	4880.0	5/15/98				15.0	1.2	13.8	11.8	4868.2	0.5		S	5-012.00	SIE	
5050	22N15E34L05M	4891.2	4890.2	5/15/98				14.0	2.1	11.9	10.9	4879.3	0.8		S	5-012.00	SIE	
5050	22N15E34L06M	4886.0	4885.0	5/15/98				14.0	1.6	12.4	11.4	4873.6	0.1		S	5-012.00	SIE	
5050	22N15E36H01M	4900.0	4900.0	5/15/98				4.0	3.2	0.8	0.8	4899.2	1.1	Field to wet -- no access	S	5-012.00	SIE	
5050	22N15E36J01M	4911.8	4910.0	5/15/98	9										S	5-012.00	SIE	
5050	22N15E36N01M	4898.0	4897.0	5/15/98		8		5.0	-0.5	5.5	4.5	4892.5	-0.2		S	5-012.00	SIE	
5050	22N15E36Q01M	4908.3	4908.0	5/15/98				5.0	2.5	2.5	2.2	4905.8	1.3		S	5-012.00	SIE	
5050	23N15E20Q01M	4908.7	4908.0	5/13/98	7									Flowing ~ 10 gpm	S	5-012.00	SIE	
5050	23N15E25J01M	4906.0	4905.0	5/13/98		8		40.0	4.6	35.4	34.4	4870.6	-4.1		S	5-012.00	SIE	
5050	23N15E26G01M	4899.0	4898.0	5/13/98		8		25.0	0.2	24.8	23.8	4874.2	-3.5		S	5-012.00	SIE	
5050	23N15E26R01M	4898.0	4897.0	5/13/98				26.0	1.1	24.9	23.9	4873.1	-3.2		S	5-012.00	SIE	
5050	23N15E27E01M	4900.0	4900.0	5/13/98				4.0	1.1	2.9	2.9	4897.1	0.1		S	5-012.00	SIE	
5050	23N15E29D01M	4892.2	4890.0	5/13/98	7									Flowing ~ 15-20 gpm	S	5-012.00	SIE	
5050	23N15E29H01M	4898.4	4896.4	5/13/98	7									Flowing out of hole .2" below TOC	S	5-012.00	SIE	
5050	23N15E29N01M	4882.3	4882.0	5/13/98	7									Well is Flowing	S	5-012.00	SIE	
5050	23N15E34D01M	4893.0	4888.3	5/13/98	7									Well Flowing through 1" extension	S	5-012.00	SIE	
5050	23N15E36G01M	4904.1	4901.0	5/13/98										Very wet--walked in.	S	5-012.00	SIE	
5050	21N16E06H03M	4951.0	4950.0	5/15/98				29.0	2.2	26.8	23.7	4877.3	-1.7		S	5-012.00	SIE	
5050	21N16E06Q02M	4947.1	4946.0	5/15/98				50.0	10.9	39.1	38.1	4911.9	3.0		S	5-012.00	SIE	
5050	21N16E07A01M	4967.6	4966.0	5/15/98				27.0	1.4	25.6	24.5	4921.5	1.0		S	5-012.00	SIE	
5050								34.0	0.0	34.0	32.4	4933.6	2.3		S	5-012.00	SIE	

SPRING 1998

AGENCY	SWN	RPELEV	GSELEV	MEASDATE	NMCO	QMCO	TAPE	RP	TAPE	WS	DBRP	GSWS	WSE	CHG	COMMENTS	TYPE	GWBAS	ABB
5050	21N16E07D02M	4935.2	4935.0	5/15/98	9				10.0	0.9	9.1	8.4	4952.6	-0.2	No access into well casing	S	5-012.00	SIE
5050	21N16E07F04M	4961.7	4961.0	5/15/98					38.0	1.1	36.9	36.7	4923.3	0.0		S	5-012.00	SIE
5050	21N16E07G01M	4960.2	4960.0	5/15/98					25.0	0.2	24.8	24.8	4913.2	0.0		S	5-012.00	SIE
5050	21N16E07M01M	4938.0	4938.0	5/15/98					20.0	1.0	19.0	17.3	4977.7	-5.5		S	5-012.00	SIE
5050	21N16E18G02M	4966.7	4965.0	5/15/98					25.0	4.3	20.7	18.9	5071.1	-4.7		S	5-012.00	SIE
5050	21N16E30A01M	5091.8	5090.0	5/15/98					42.0	-0.7	42.7	41.2	5078.8	0.1		S	5-012.00	SIE
5050	21N16E30J01M	5121.5	5120.0	5/15/98					10.0	2.9	7.1	6.3	4925.7	-0.2		S	5-012.00	SIE
5050	22N16E04A01M	4932.8	4932.0	5/14/98					35.0	2.0	33.0	32.0	4876.0	-2.2		S	5-012.00	SIE
5050	22N16E06R02M	4909.0	4908.0	5/14/98					22.0	1.8	20.2	19.2	4886.8	-0.9		S	5-012.00	SIE
5050	22N16E07G01M	4907.0	4906.0	5/14/98					11.0	3.2	7.8	6.1	4903.9	1.5		S	5-012.00	SIE
5050	22N16E08P01M	4911.7	4910.0	5/14/98					12.0	5.0	7.0	2.8	4904.2	-1.0		S	5-012.00	SIE
5050	22N16E17C01M	4911.2	4907.0	5/14/98					5.0	2.8	2.2	0.5	4909.5	0.6		S	5-012.00	SIE
5050	22N16E17D01M	4911.7	4910.0	5/14/98					4.0	3.4	0.6	-0.7	4902.0	2.4		S	5-012.00	SIE
5050	22N16E17E02M	4902.6	4901.3	5/14/98	9										Field flooded - owner says no	S	5-012.00	SIE
5050	22N16E18R01M	4901.4	4900.0	5/15/98	9										Field flooded - owner says no	S	5-012.00	SIE
5050	22N16E19A01M	4900.0	4900.0	5/15/98	9				9.0	-0.6	9.6	9.0	4903.6	-1.4		S	5-012.00	SIE
5050	22N16E19K01M	4913.2	4912.6	5/15/98					10.0	3.7	6.3	4.7	4888.4	3.0		S	5-012.00	SIE
5050	22N16E19M01M	4894.7	4893.1	5/15/98											Flowing ~ 1 gpm	S	5-012.00	SIE
5050	22N16E20G02M	4921.5	4920.8	5/15/98	7				3.0	-0.4	3.4	0.9	4933.7	-0.9		S	5-012.00	SIE
5050	22N16E20P02M	4937.1	4934.6	5/15/98											Gate locked	S	5-012.00	SIE
5050	22N16E30Q01M	4916.0	4915.0	5/15/98	9				20.0	5.9	14.1	13.8	4977.2	0.2		S	5-012.00	SIE
5050	23N16E17M01M	4991.3	4991.0	5/13/98											Flowing ~ 5 gpm from pump base	S	5-012.00	SIE
5050	23N16E19N01M	4931.4	4930.0	5/13/98	7				15.0	0.2	14.8	12.8	4977.2	-0.7		S	5-012.00	SIE
5050	23N16E23F01M	4992.0	4990.0	5/13/98					8.0	3.1	4.9	4.3	4958.9	0.2		S	5-012.00	SIE
5050	23N16E27R01M	4963.8	4963.2	5/16/98											Flowing ~ 0.5-1.0 gpm	S	5-012.00	SIE
5050	23N16E28L01M	4939.7	4938.5	5/13/98	7				37.0	-0.6	37.6	36.6	4903.4	-5.0		S	5-012.00	SIE
5050	23N16E29G01M	4941.0	4940.0	5/13/98											Flowing ~ 15-20 gpm	S	5-012.00	SIE
5050	23N16E30C01M	4919.7	4918.0	5/13/98	7											S	5-012.00	SIE
5050	23N16E30R01M	4916.0	4915.0	5/13/98					46.0	3.1	42.9	41.9	4873.1	-1.0		S	5-012.00	SIE
5050	23N16E32J01M	4926.4	4925.0	5/14/98	8				43.0	-0.8	43.8	42.4	4882.6	-2.3		S	5-012.00	SIE
5050	23N16E32Q01M	4920.5	4920.0	5/14/98	8				44.0	1.6	42.4	41.9	4878.1	7.0		S	5-012.00	SIE
5050	23N16E33A02M	4941.0	4940.0	5/14/98					0.0	-1.0	1.0	0.0	4940.0	1.0		S	5-012.00	SIE
5050	23N16E34G03M	4954.3	4955.0	5/16/98	4				7.0	0.9	6.1	6.8	4948.2	0.1		S	5-012.00	SIE
5050	22N16E01A02M	5090.4	5090.0	5/14/98					30.0	-0.2	30.2	29.8	5060.2	-0.8		S	5-012.01	CHI
5050	23N16E25J01M	5081.2	5080.0	5/14/98	7										Flowing 5gpm from pipe	S	5-012.01	CHI
5050	23N16E36A01M	5156.2	5155.0	5/14/98					55.0	-0.7	55.7	54.5	5100.5	-11.6		S	5-012.01	CHI
5050	23N16E36B01M	5126.3	5125.0	5/14/98					53.0	2.3	50.7	49.4	5075.6	-1.9		S	5-012.01	CHI
5050	23N16E36D02M	5113.5	5112.0	5/14/98					75.0	5.6	69.4	67.9	5044.1	-16.6		S	5-012.01	CHI
5050	23N16E36H01M	5120.0	5119.0	5/14/98					17.0	-0.6	17.6	16.6	5102.4	-9.0		S	5-012.01	CHI
5050	23N16E36K01M	5030.9	5030.0	5/14/98	7										Flowing ~ 1-2gpm	S	5-012.01	CHI
5050	23N16E36L03M	5011.2	5010.0	5/14/98					10.0	2.3	7.7	6.5	5003.5	-4.7		S	5-012.01	CHI
5050	23N16E36L04M	5031.1	5030.0	5/14/98					38.0	7.2	30.8	29.7	5000.3	-14.1		S	5-012.01	CHI
5050	23N16E36N02M	5010.8	5010.0	5/14/98					7.0	-1.0	8.0	7.2	5002.8	-1.0		S	5-012.01	CHI
5050	23N16E36R01M	5036.0	5035.0	5/14/98					11.0	0.7	10.3	9.3	5025.7	-6.7		S	5-012.01	CHI
5050	23N17E30M01M	5085.5	5085.0	5/14/98	7										Water flowing out of hole below TOC	S	5-012.01	CHI
5050	23N17E31P01M	5171.0	5170.0	5/14/98					108.0	9.1	98.9	97.9	5072.1	5.9		S	5-012.01	CHI
5050	23N17E31Q01M	5240.0	5239.1	5/14/98					147.0	2.3	144.7	143.8	5095.3	11.8		S	5-012.01	CHI

