

**RESULTS OF 14-DAY PUMP TEST
ON MAMMOTH CWD WELL NO. 15**

**prepared for
Mammoth Community Water District
Mammoth Lakes, California**

**by
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April 2008

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April 23, 2008

Mr. Gary Sisson
General Manager
Mammoth Community Water District
P. O. Box 597
Mammoth Lakes, CA 93546

Re: Well No. 15 Pump Test

Dear Gary:

Submitted here with is our report on the results of the 14-day pump test on Well No. 15. We appreciate the cooperation of District Staff in providing measurements and graphical plots for the pump test results.

Sincerely Yours,



Kenneth D. Schmidt

KDS/pe

cc: Steve Kronick

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RESULTS OF 14-DAY PUMP TEST
ON MAMMOTH CWD WELL NO. 15

INTRODUCTION

The purpose of this aquifer test was to evaluate whether there is any interaction between District well pumping and streamflow in Mammoth Creek. District Well No. 15 was selected as the well to be pumped during the test. Surface water was used during the test period to meet system demands during non-pumping periods and to supplement groundwater to meet system demands during the period when Well No. 15 was pumping.

The test included an antecedent phase from October 17 through October 23, 2007 when District wells were not pumped, except for Well No. 16 and 17. The pumping phase of the test was then conducted where Well No. 15 was pumped from 12:31pm on October 24 until 8:31am on November 7, 2007. Well No. 15 was pumped continuously during this period, except for periods that were about six minutes long every eight hours to allow for treatment plant filter cleaning. During the pumping phase, Well No. 17 had to be pumped for three days and Well No. 16 pumped for two days to provide backup water supply. A recovery phase then occurred, where there was no groundwater pumping for seven days from November 8 through November 14.

WELLS USED FOR TEST

Wells in which water levels were measured during the test included District Production Wells No. 1, 15 and 17, Monitor Wells

No. 4, 5A, 5M, 22, 23, 28, and 30, and a shallow private monitor well near Mammoth Creek identified as B-3. Table 1 provides construction data for these wells, where available. Data loggers were used to monitor water levels in Production Wells No. 1 and 15 and in Monitor Wells No. 23 and 28. Streamflow rates in Mammoth Creek were measured at the District's Old Mammoth Road gaging station utilizing a data logger. Figure 1 shows the locations of the wells and streamgage.

ANTECEDENT MEASUREMENTS

Antecedent water-level measurements for the wells are provided in Appendix A.

Pumped Well

The water level in Well No. 15 was rising at an average rate of about 0.30 foot per day before pumping began.

Observation Wells

Deep

The water level in Well No. 1 was rising an average of about 0.27 foot per day prior to pumping of Well No. 15. The water level in Well No. 17, in contrast, was 0.45 foot deeper at the end of the antecedent period prior to pumping of Well No. 15, due to intermittent pumping of Well No. 17 that was necessary on October 21 and 22. The water levels in Wells No. 5A and 28 were slightly falling

TABLE 1 - CONSTRUCTION DATA FOR WELLS USED FOR TEST

Well No.	Date Drilled	Drilled Depth (feet)	Cased Depth (feet)	Perforated or Open Interval (feet)	Annular Seal (feet)
1	1976	382	370	200-370	0-90
5A	7/82 (8/93)	357	357	112-357	0-112
15	8/92	720	407	407-720	0-135
16	8/92	710	715	420-470	0-60
17	7/92	710	513	500-680	0-60
30	12/05	640	600	400-710 516-600	0-500
4M	1984	89	89	69-89	0-50
5M	8/93	80	80	20-75	0-20
22	9/92	85	85	55-85	0-25
23	9/92	65	65	30-65	0-25
28	12/05	90	87	47-57 67-87	0-45 57-65
B-3	-	-	-	-	-

Well No. 15 was pumped for the test, and the other wells were used as observation wells. No information on construction is available for B-3.

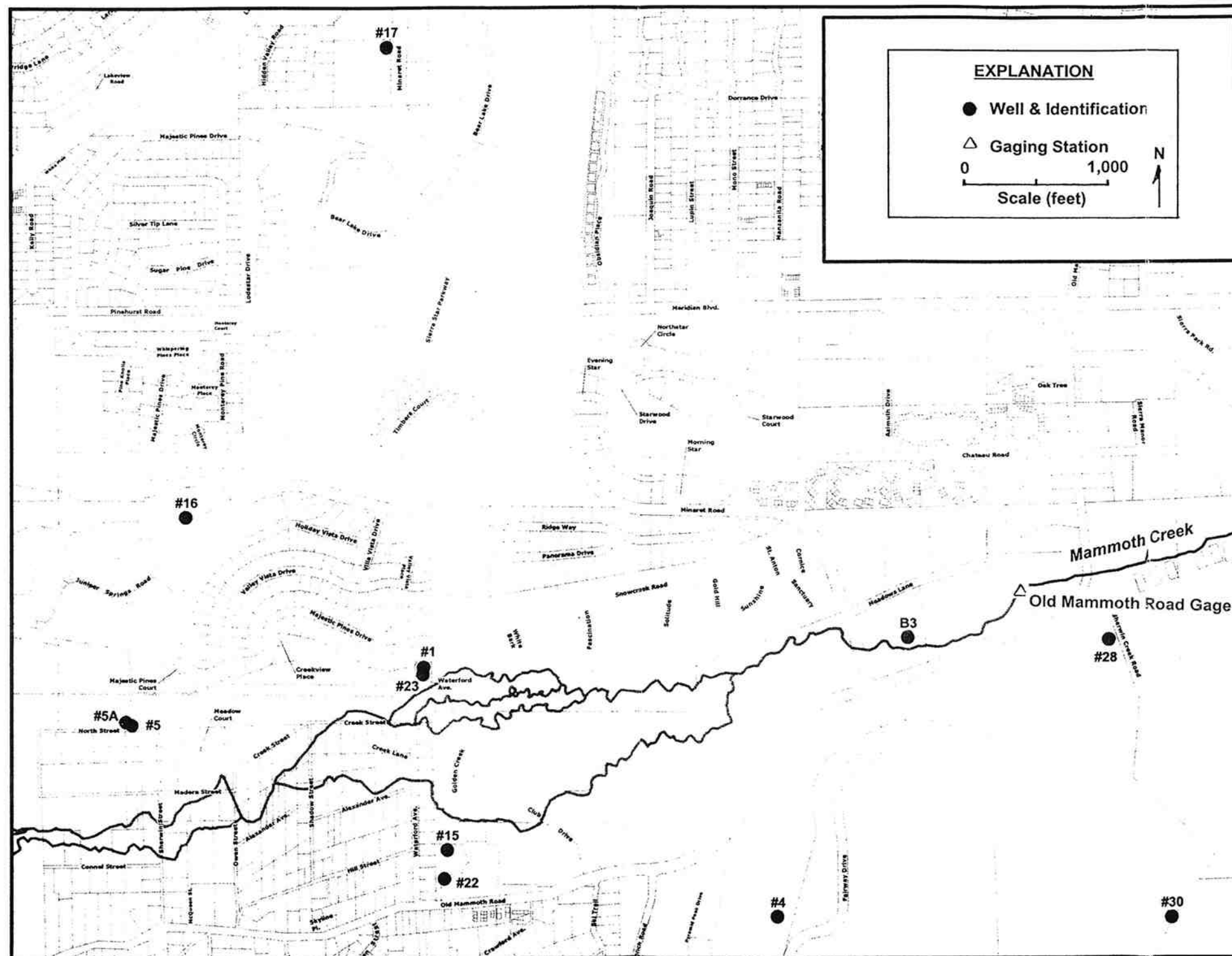


FIGURE 1-LOCATION OF WELLS USED FOR TEST AND STREAMGAGE

prior to pumping of Well No. 15. The water level in Well No. 30 was relatively stable prior to pumping Well No. 15.

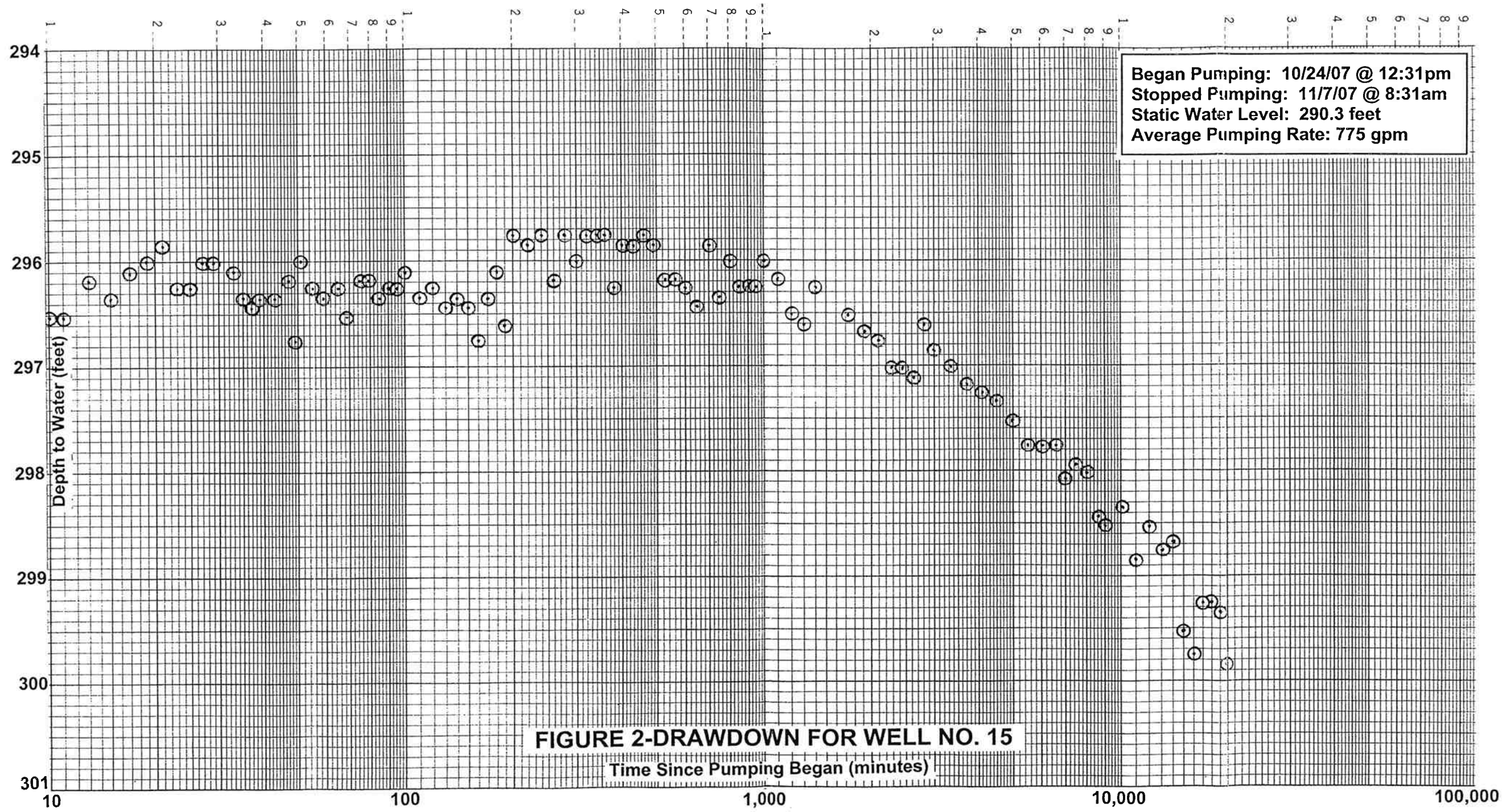
Shallow

The water levels in Wells 5-M, B-3, and M-23 were relatively stable prior to the commencement of pumping of Well No. 15. The water level in Well 4M was falling at an average rate of about 0.05 foot per day prior to pumping. The water level in M-22 was falling at an average rate of 0.15 foot per day prior to the commencement of pumping of Well No. 15. Water-level hydrographs for the observation wells are provided in the next section of this report.

DRAWDOWN MEASUREMENTS

Pumped Well

Pumpage and drawdown measurements for the test are provided in Appendix B. A total of 15,437,500 gallons of water was pumped from Well No. 15 during the 14-day test, and the average pumping rate was 776 gpm. Figure 2 shows drawdown measurements for the pumped well. The static water level in Well No. 15 prior to pumping was 290.3 feet deep and the pumping level was 296.1 feet deep at the end of pumping. The drawdown was 5.8 feet and the specific capacity was 134 gpm per foot. Drawdown measurements for Well No. 15 during the 14-day test indicate an aquifer transmissivity of 30,000 gpd per foot. A 46-hour pump test was conducted on Well No. 15 during July 1-3, 1992. A transmissivity of 34,000 gpd per foot was determined for that test.



Observation Wells

Deep

Well No. 1 had a relatively constant level during pumping of Well No. 15 (Figure 3). When considering the antecedent and post pumping water-level rises in Well No. 1 (0.25 foot per day and 0.19 foot per day), the estimated drawdown in Well No. 1 during pumping of Well No. 15 was 3.4 feet. The water level in Well 5A did not significantly change during pumping of Well No. 15, and this was consistent with the antecedent trend (Figure 4). The water level in Well No. 17 rose 0.51 foot, or an average of 0.04 foot per day, during pumping of Well No. 15 (Figure 5), compared to a decline prior to pumping. The water level in Well No. 30 rose 0.58 foot, or an average of 0.05 foot per day, during pumping of Well No. 15, compared to a relatively stable water level during the antecedent period.

Shallow

The water level in Well No. 4M (Figure 7) fell 0.35 foot during pumping of Well No. 15, or an average of 0.03 foot per day, which was less than the antecedent water-level decline (0.05 feet per day). The water levels in Well 5M rose 0.15 foot during pumping of Well No. 15, compared to near stable levels for the antecedent period (Figure 8). The water level in Well No. 22 fell 1.86 feet, or an average of 0.14 foot per day, during pumping of Well No. 15 (Figure 9). The antecedent water-level decline in Well No.

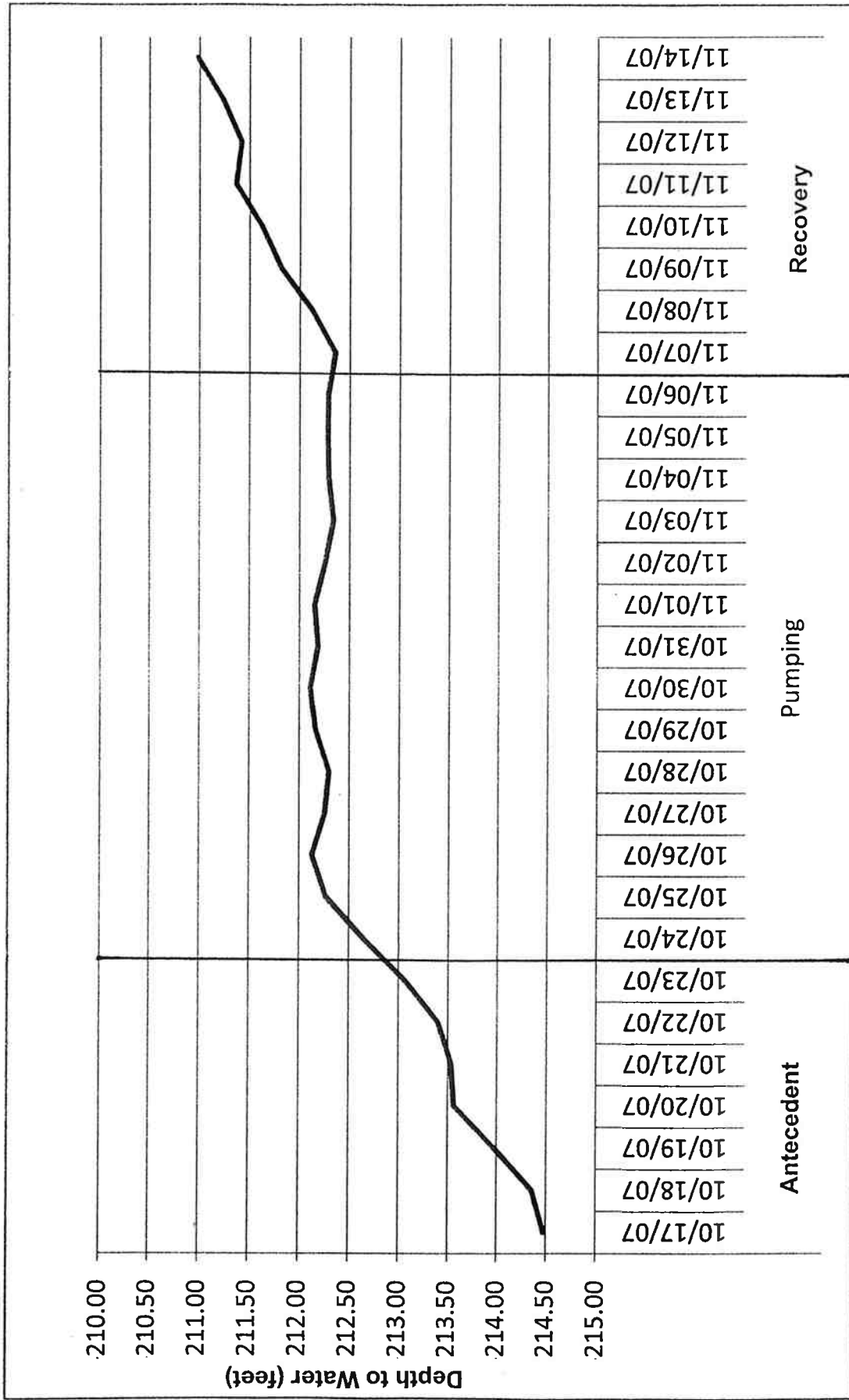


FIGURE 3-WATER-LEVEL HYDROGRAPH FOR WELL NO. 1

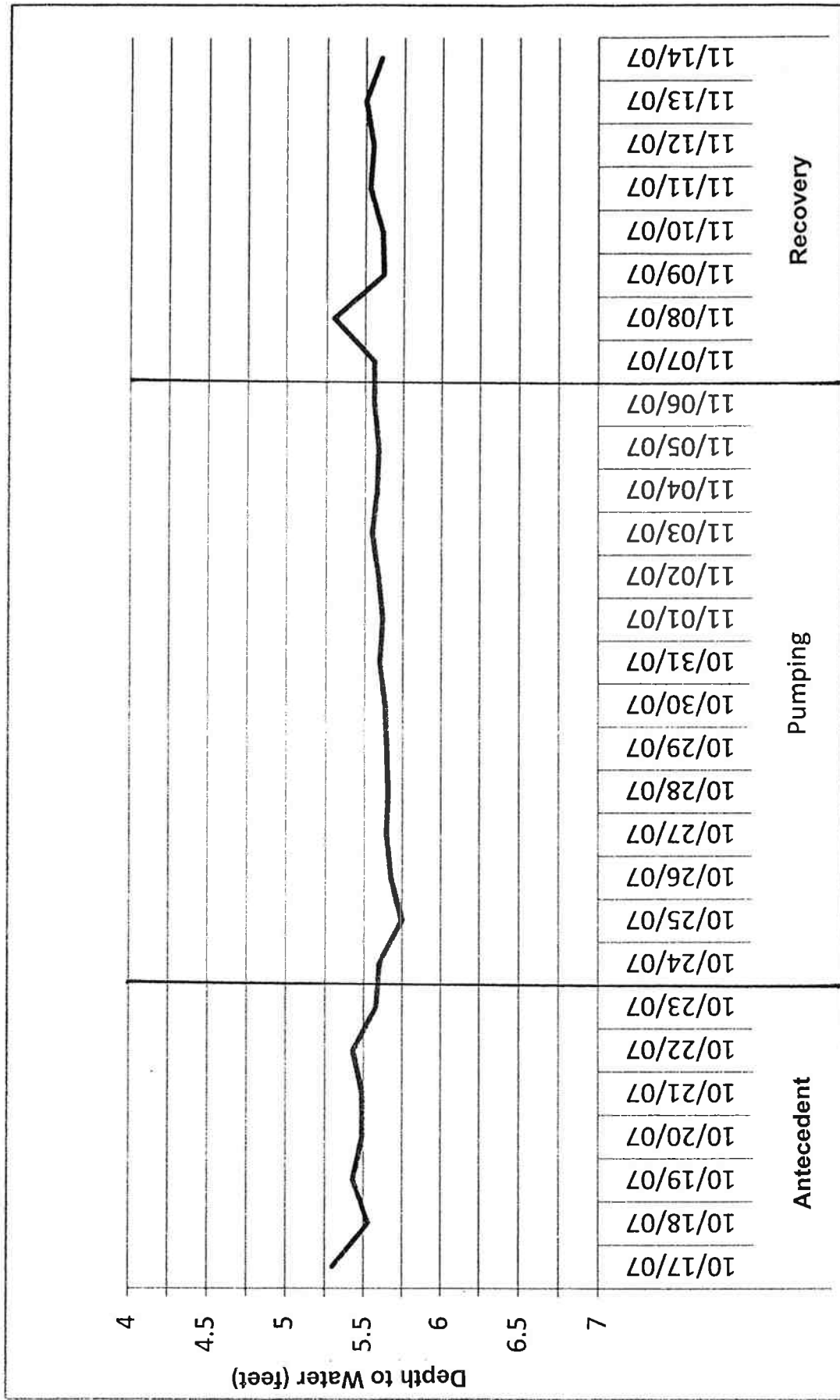


FIGURE 4-WATER-LEVEL HYDROGRAPH FOR WELL NO. 5A

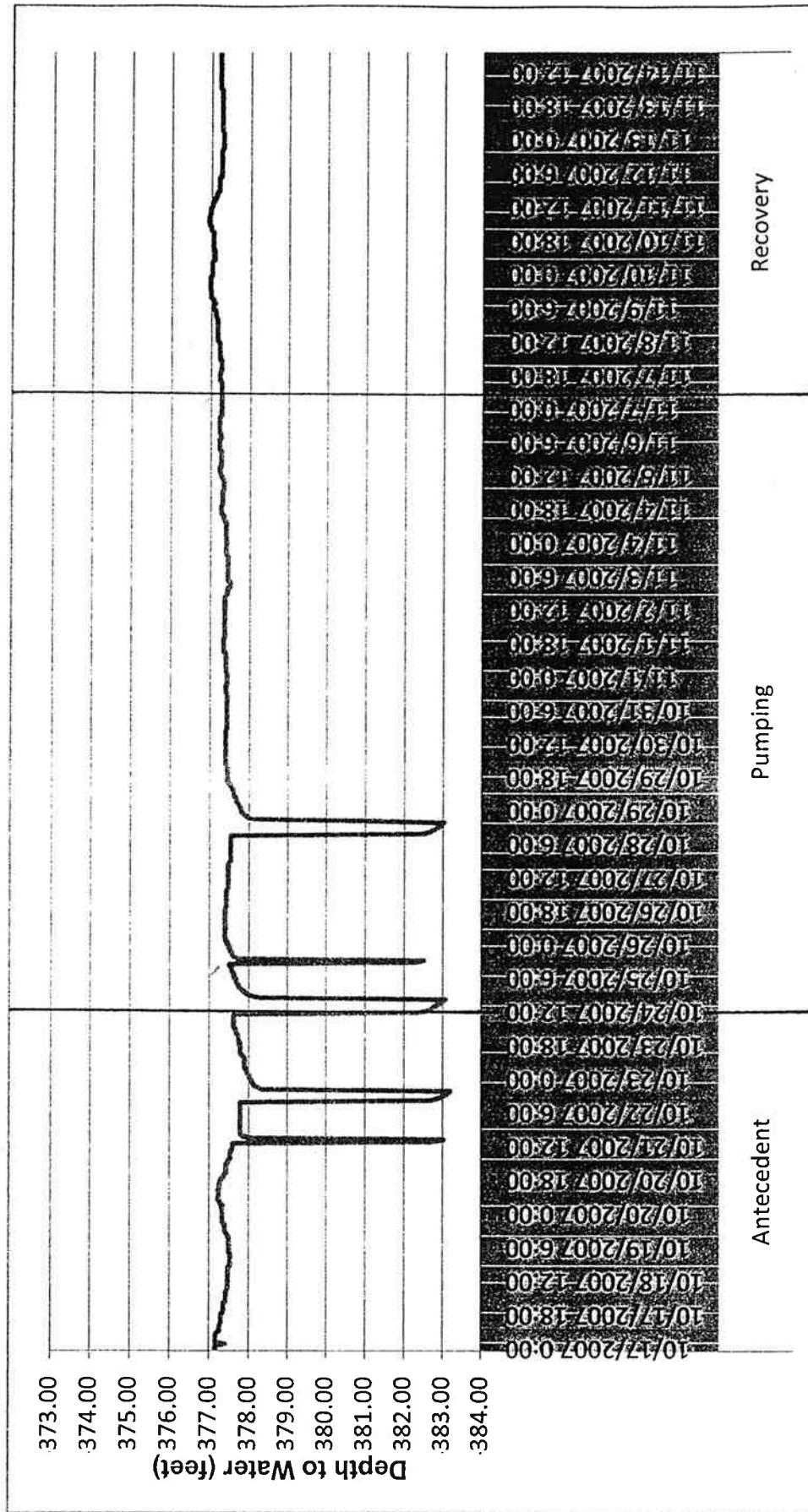


FIGURE 5-WATER-LEVEL HYDROGRAPH FOR WELL NO. 17

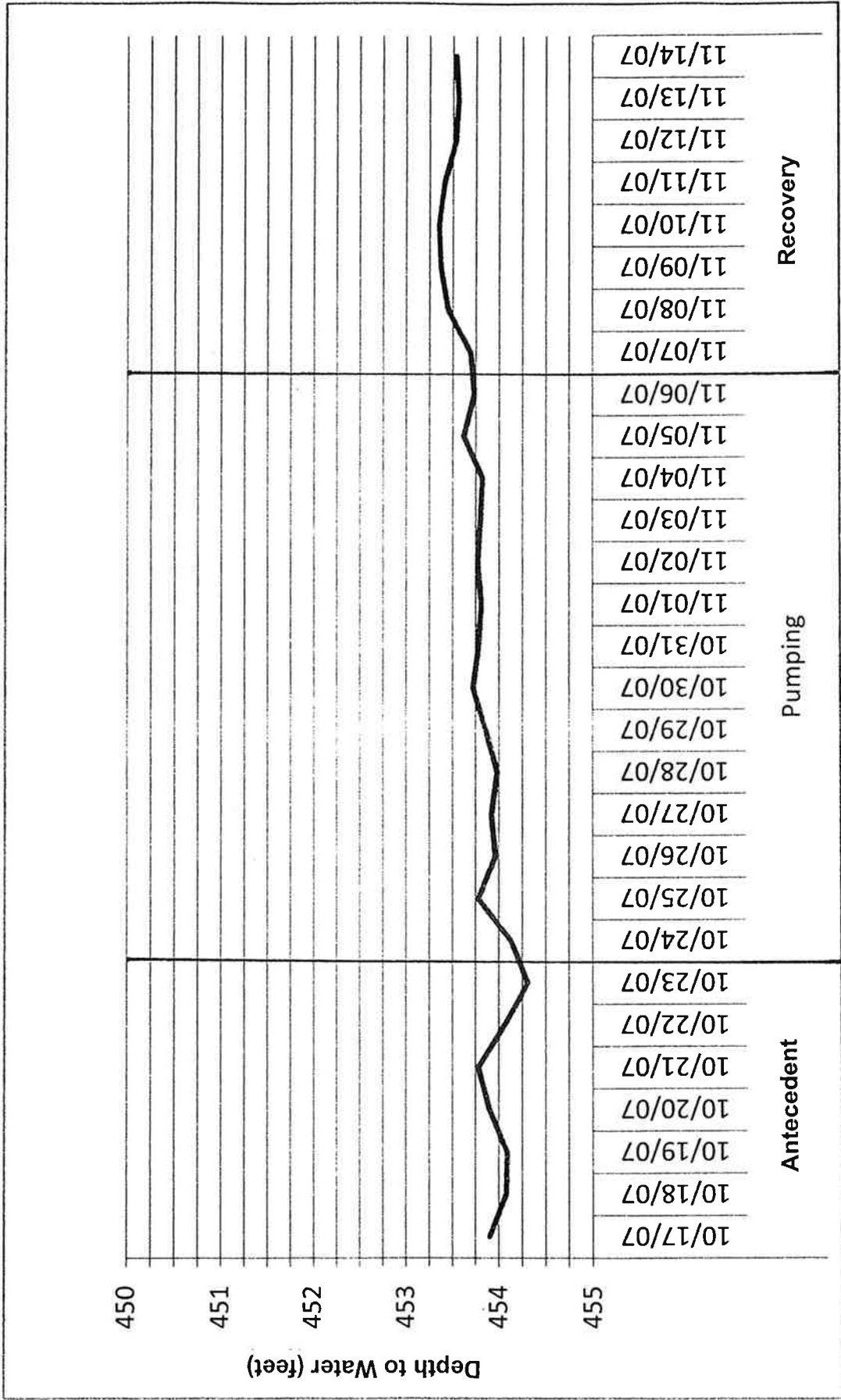


FIGURE 6-WATER-LEVEL HYDROGRAPH FOR WELL NO. 30

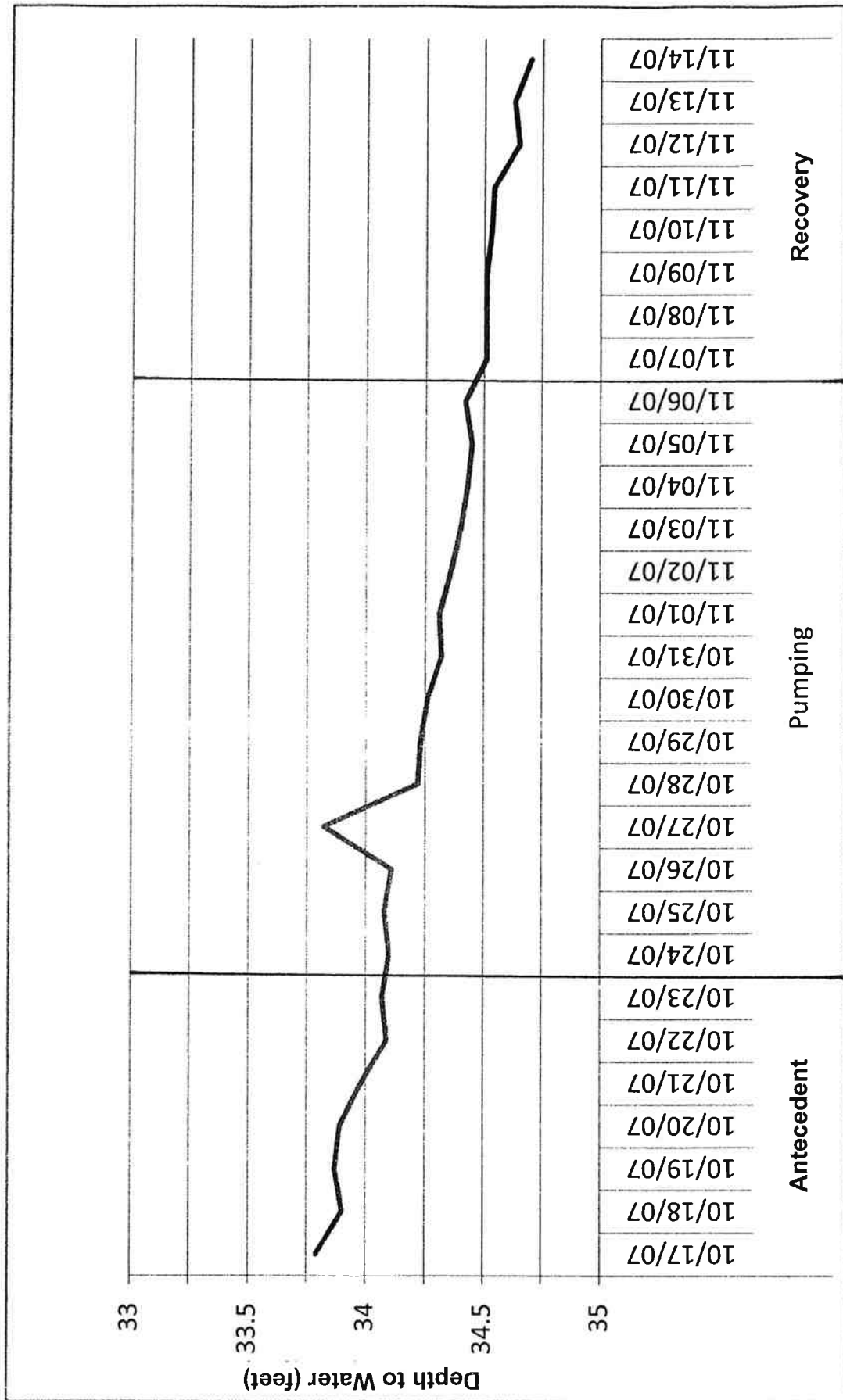


FIGURE 7-WATER-LEVEL HYDROGRAPH FOR WELL NO. 4M

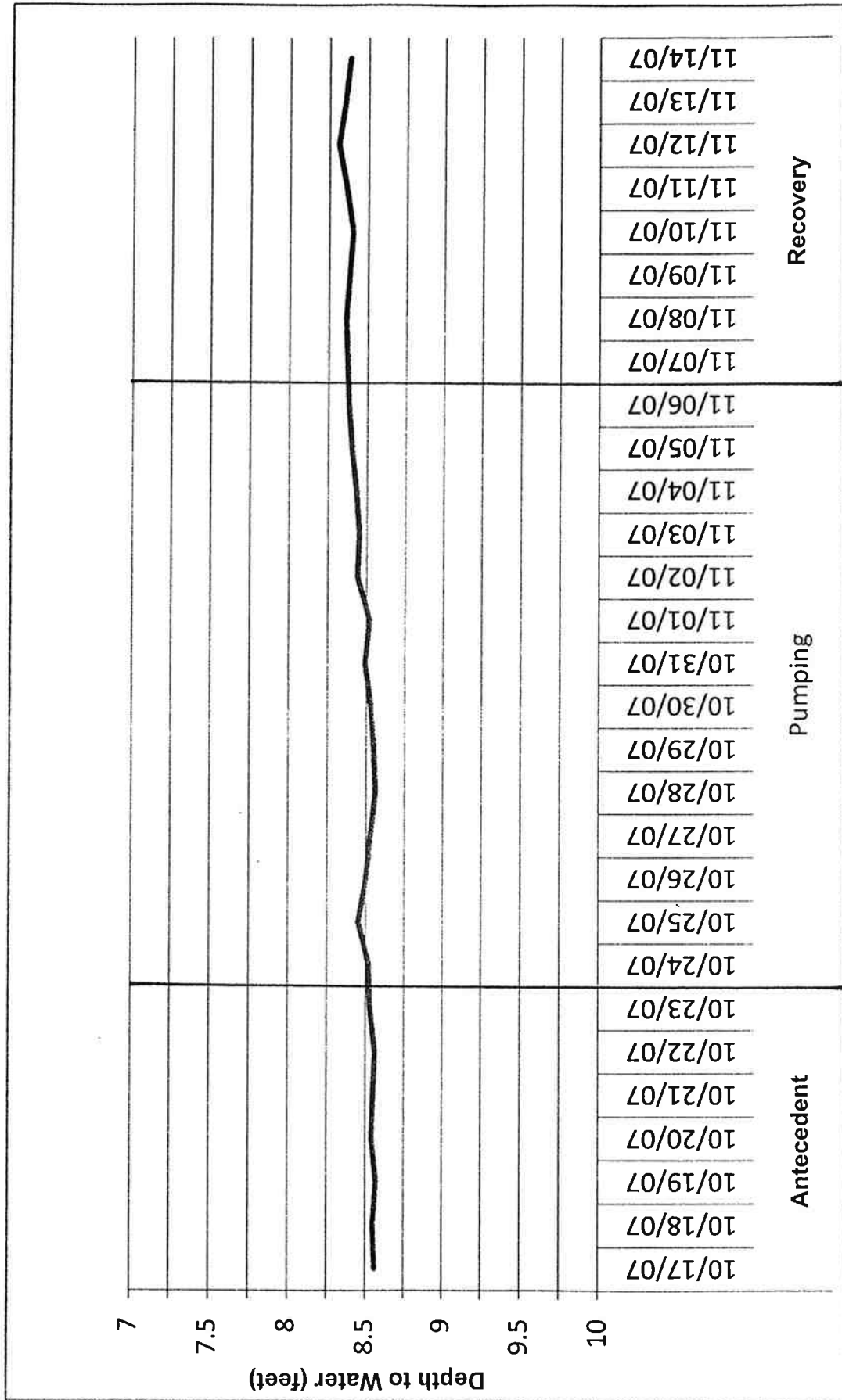


FIGURE 8-WATER-LEVEL HYDROGRAPH FOR WELL NO. 5M

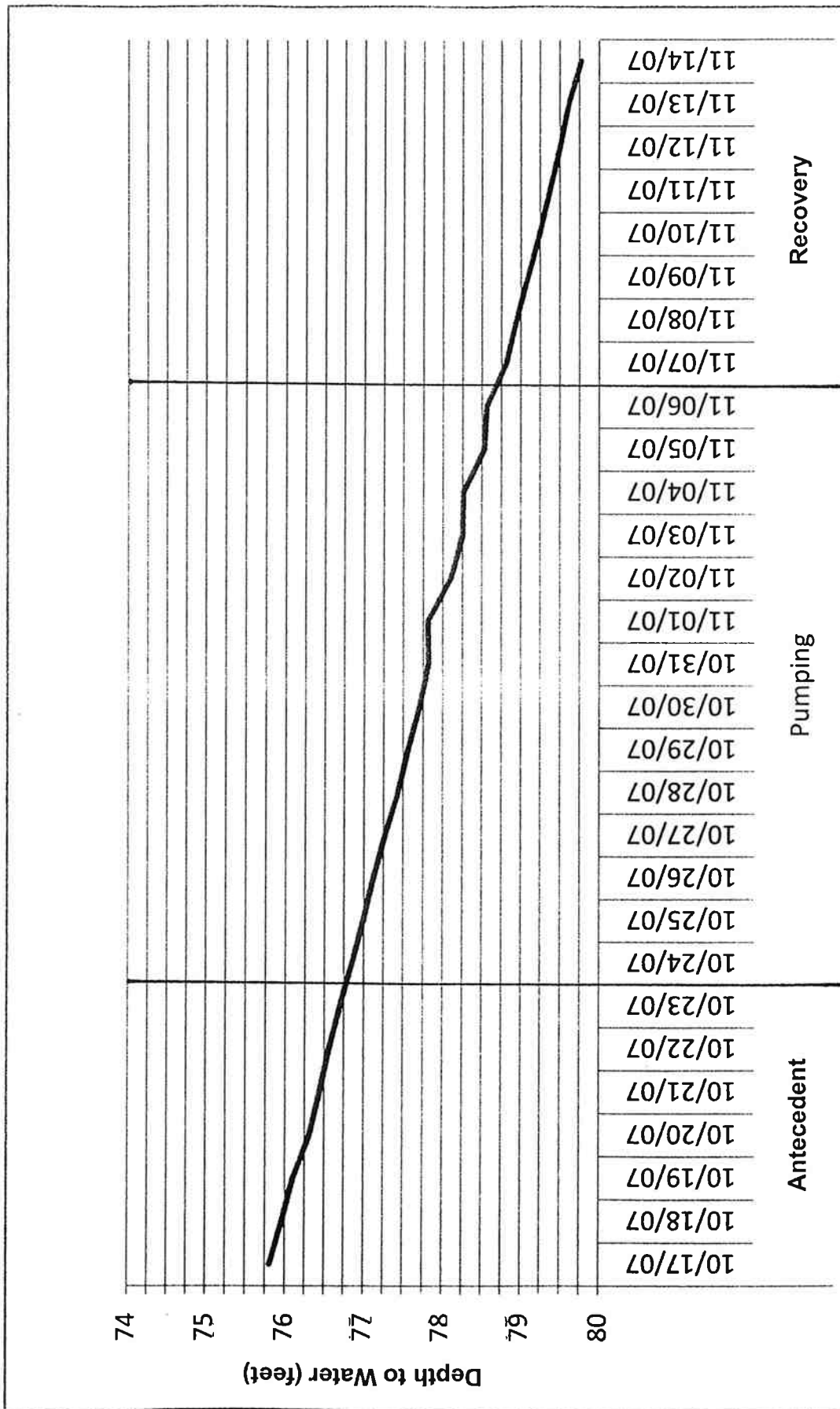


FIGURE 9-WATER-LEVEL HYDROGRAPH FOR WELL NO. 22

22 was essentially at this same rate. The water level in Well No. 23 rose 0.72 foot, or an average of 0.06 foot per day, during pumping of Well No. 15, compared to a near stable level for the antecedent period (Figure 10). The water level in Well No. 28 fell uniformly during all three phases of the test (Figure 11). The water level in B-3 fell 0.2 foot, or an average of 0.01 foot per day, during the entire pumping period of Well No. 15, compared to near stable levels for the antecedent period (Figure 12). However, this decline continued after pumping stopped. Thus of all the observation wells, deep Well No. 1 had the only significant drawdown due to pumping of Well No. 15.

RECOVERY MEASUREMENTS

Recovery measurements are provided in Appendix C.

Pumped Well

Figure 13 shows water-level recovery for Well No. 15. Within eight days after pumping stopped, the water level had fully recovered to the static level prior to pumping. Uncorrected recovery measurements indicated a transmissivity of 71,000 gpd per foot.

Observation Wells

Deep

The water level in Well No. 1 (Figure 3) rose after pumping of Well No. 15 stopped. After one week of recovery, the water level had risen 1.3 feet, or an average of 0.19 foot per day. The water level in Well No. 5A (Figure 4) stayed relatively constant after

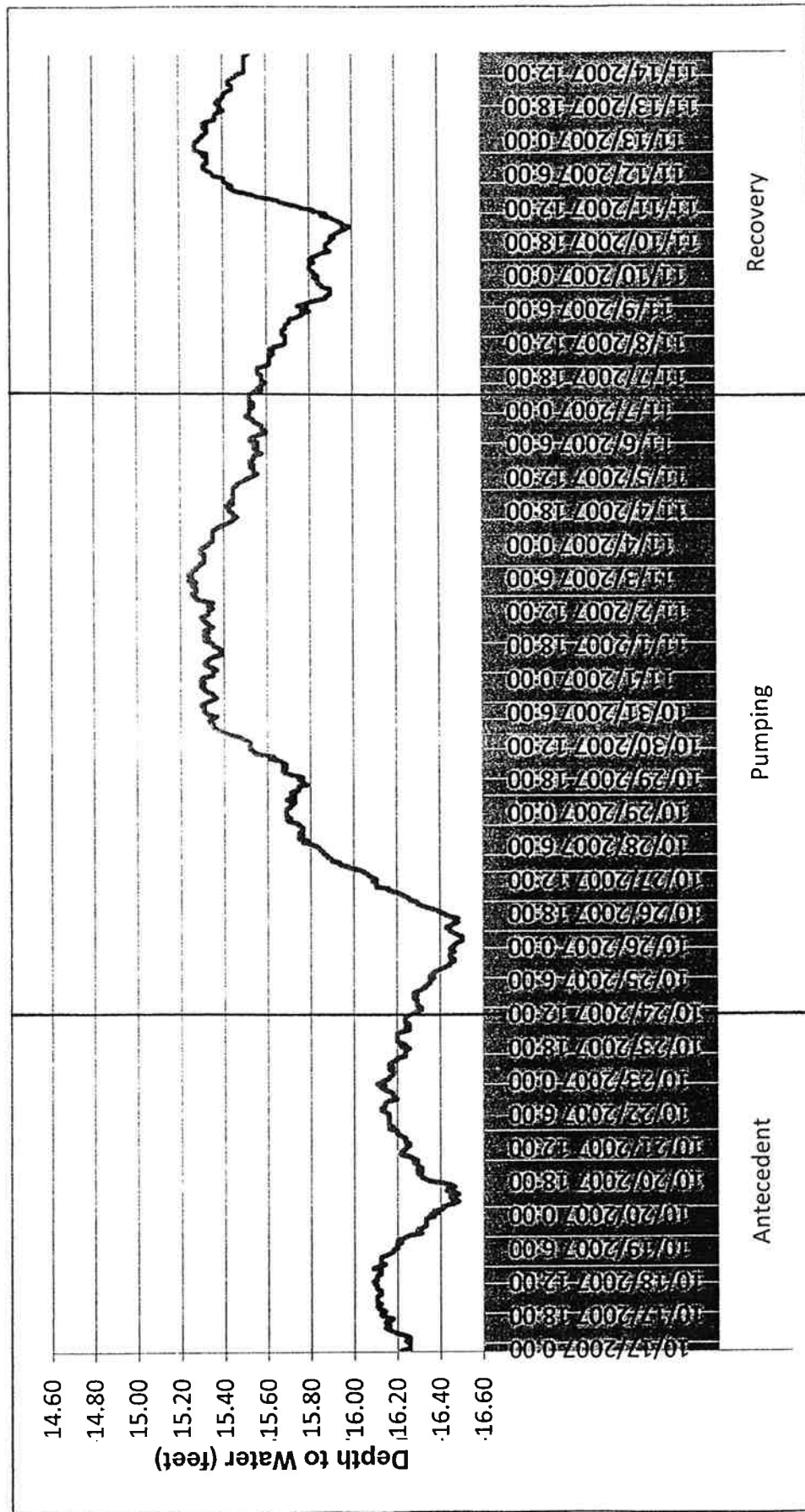


FIGURE 10-WATER-LEVEL HYDROGRAPH FOR WELL NO. 23

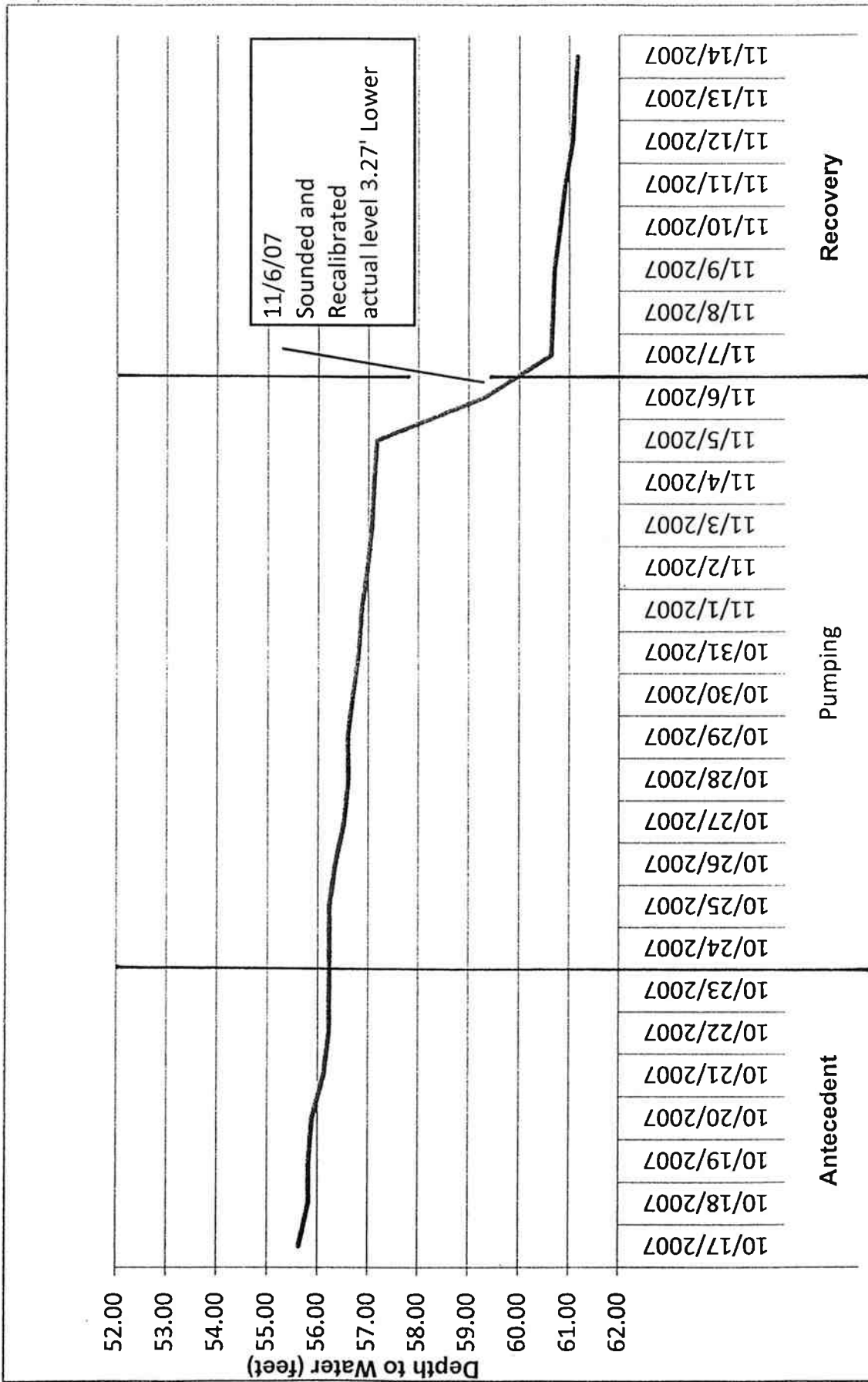


FIGURE 11-WATER-LEVEL HYDROGRAPH FOR WELL NO. 28

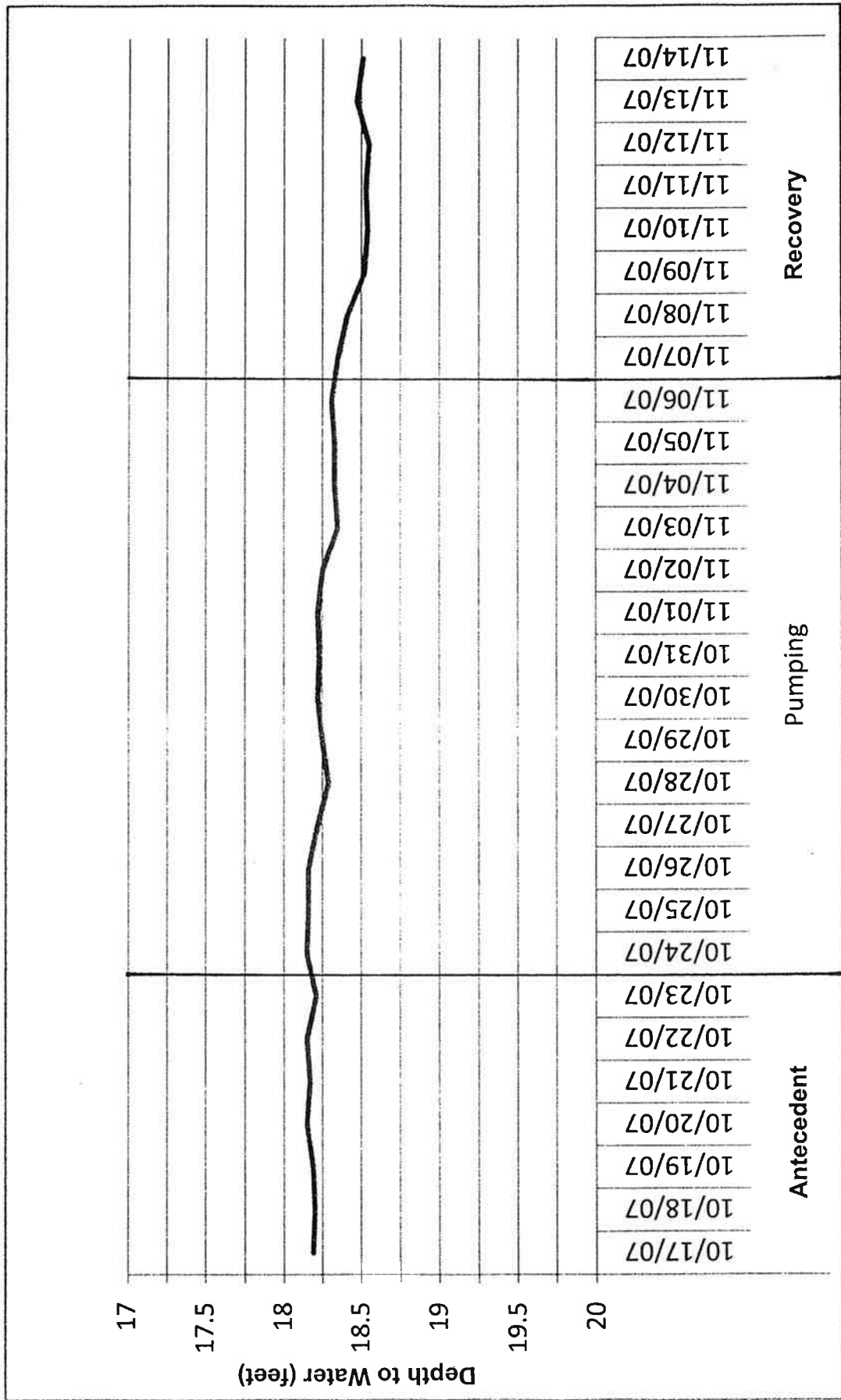
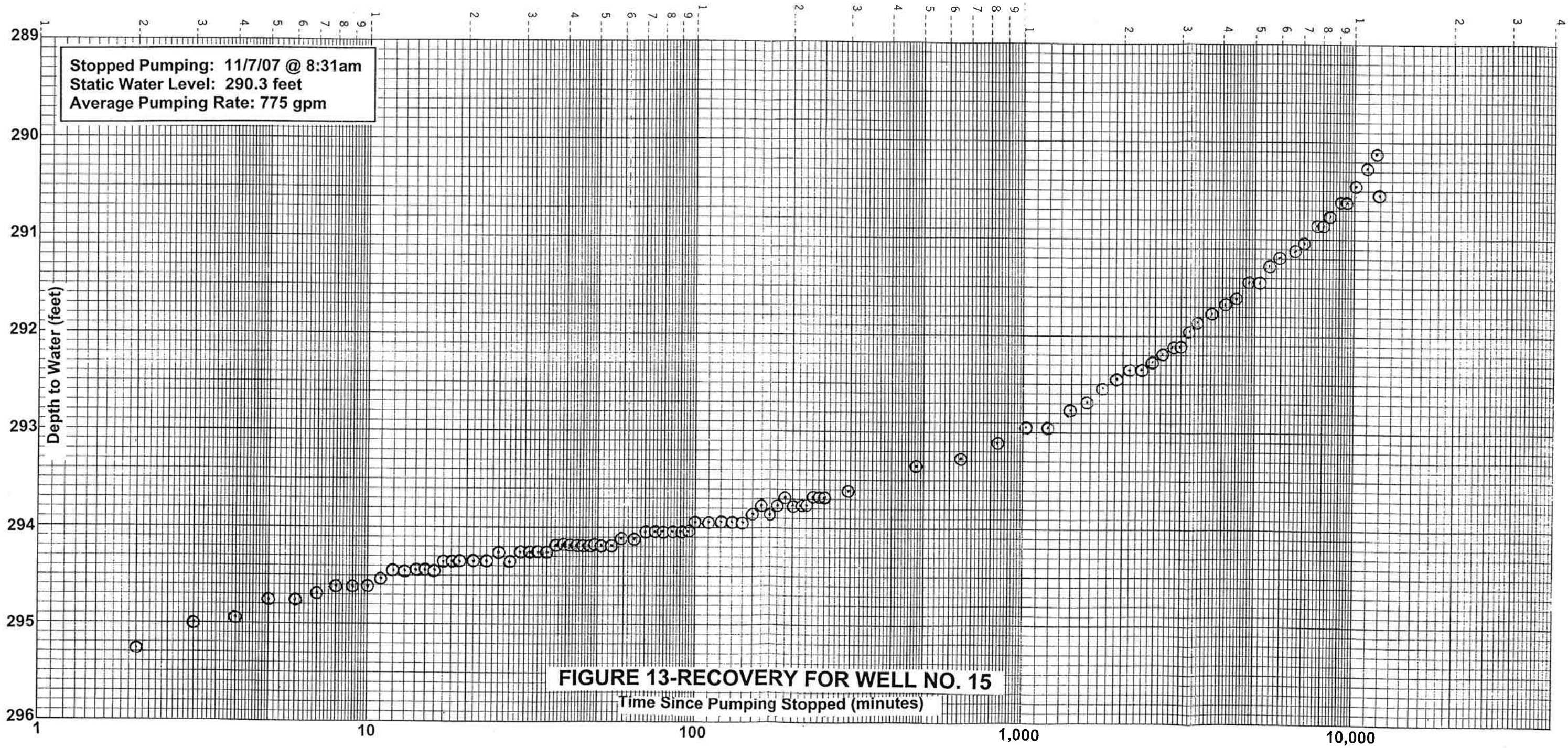


FIGURE 12-WATER-LEVEL HYDROGRAPH FOR WELL NO. B-3



pumping of Well No. 15 stopped. The water level in Well No. 17 (Figure 5) didn't change significantly after pumping of Well No. 15 stopped. The water level in Well No. 30 (Figure 6) rose 0.20 foot, or an average of 0.03 foot per day, after pumping of Well No. 15 stopped. This trend was the same as for the pumping period.

Shallow

The water level in Well No. 4M (Figure 7) fell 0.28 foot, or an average of 0.04 foot per day, after pumping of Well No. 15 stopped. This trend was essentially the same as during pumping. The water level in Well No. 5M (Figure 8) stayed relatively constant after pumping of Well No. 15 stopped. The water level in Well No. 22 (Figure 9) fell 1.26 feet, or an average of 0.18 foot per day, after pumping of Well No. 15 stopped. This trend was the same as during the pumping period. The water level in Well No. 23 (Figure 10) fell about 0.5 foot after pumping of Well No. 15 stopped, then abruptly rose about 0.7 foot. This rise was associated with increased streamflow in Mammoth Creek due to a precipitation event. The water levels in MW-23 are associated with recharge, and not the pumping of Well No. 15. The water level in Well B-3 fell 0.16 foot, or an average of 0.02 foot per day, after pumping of Well No. 15 stopped, continuing the same trend as during the pumping period. Thus water levels in none of the shallow observation wells indicated a response to pumping of Well No. 15.

MAMMOTH CREEK STREAMFLOW

Mammoth Creek streamflow measurements are provided in Appendix D, and are shown in Figure 14 for the antecedent period, pumping period, and recovery period for the Well No. 15 test.

Antecedent Conditions

Prior to pumping of Well No. 15, streamflow ranged from about 4 to 9 cfs, and was about 6 cfs just prior to the start of pumping.

Pumping Period

Except during and following a precipitation event on October 29-30, Mammoth Creek streamflow at Old Mammoth Road remained slightly above 6 cfs, close to the antecedent values.

Recovery Period

After pumping of Well No. 15 stopped, the streamflow remained slightly above 6 cfs, except during and following a precipitation event during November 10-13. Thus there was no noticeable influence of pumping of Well No. 15 on Mammoth Creek streamflow at Old Mammoth Road during the pump test.

WATER QUALITY

Water samples were collected from Well No. 15 on a daily basis (except for weekends) for determination of temperature, pH, and electrical conductivity (Appendix E). The temperature of the pumped water gradually rose during pumping, from 50°F early in the

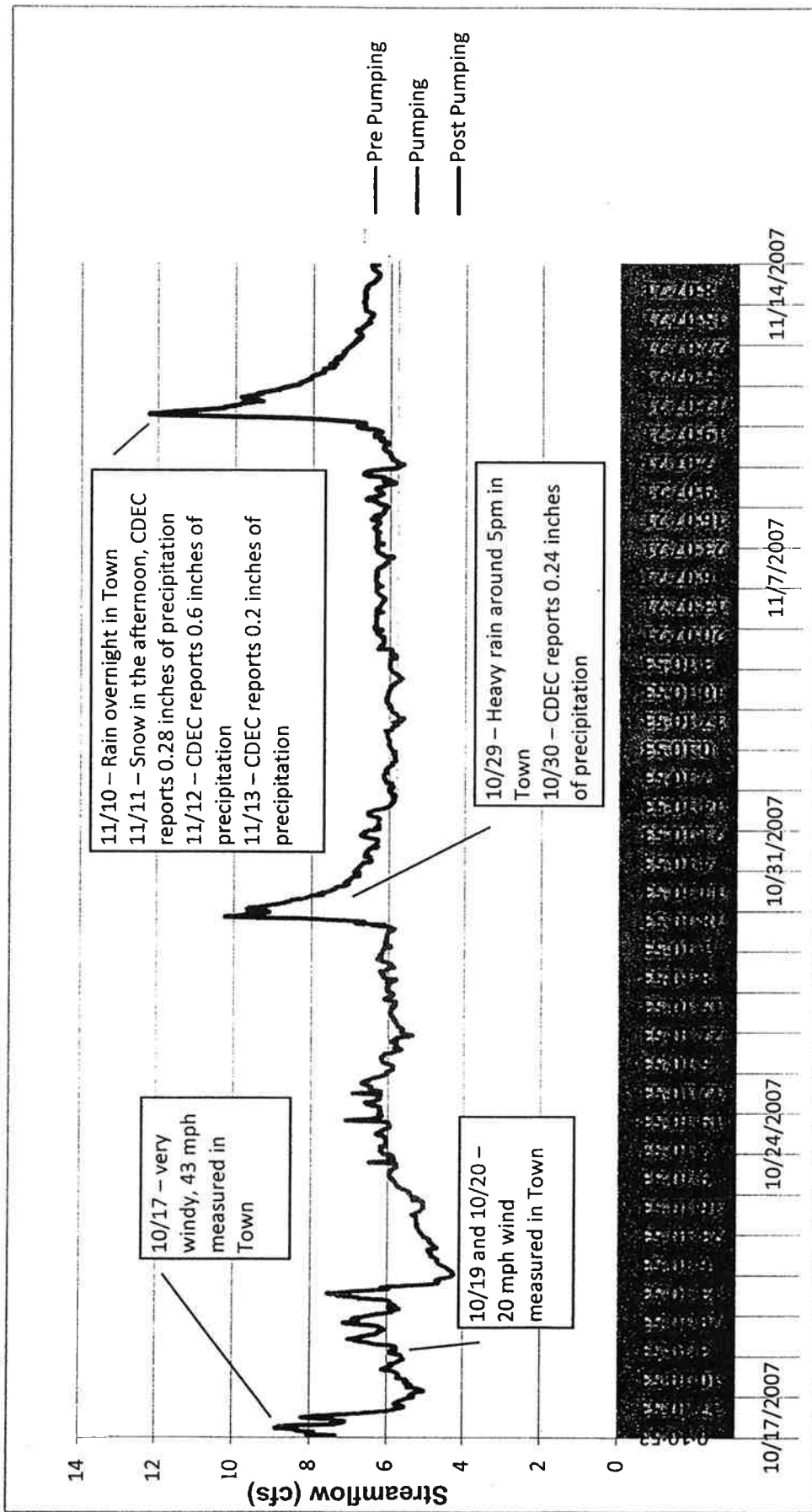


FIGURE 14-MAMMOTH CREEK STREAMFLOW

pumping period to 54°F near the end of the pumping period. This trend likely is due to production of more deeper groundwater as pumping progressed. The temperature of Mammoth Creek streamflow at Old Mammoth Road ranged from about 37°F to 47°F during the pumping period.

The pH of water from Well No. 15 was fairly constant (about 7.3 to 7.4) after the first several days of pumping. The electrical conductivity of water from Well No. 15 increased from 272 micromhos per centimeter at 25°C early in the pumping period to 354 micromhos near the end of the pumping period. The electrical conductivity of Mammoth Creek streamflow ranged from about 229 to 237 micromhos during the pumping period, and stayed relatively constant. Thus there was no indication of an influence of streamflow seepage on the chemical quality of water from Well No. 15 during the test.

APPENDIX A

ANTECEDENT MEASUREMENTS

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Depth to Water (ft)
10/17/07	0:00	-291.94
10/17/07	1:00	-291.94
10/17/07	2:00	-291.94
10/17/07	3:00	-291.94
10/17/07	4:00	-291.94
10/17/07	5:00	-291.86
10/17/07	6:00	-291.86
10/17/07	7:00	-291.94
10/17/07	8:00	-291.44
10/17/07	9:00	-291.44
10/17/07	10:00	-291.44
10/17/07	11:00	-291.44
10/17/07	12:00	-291.44
10/17/07	13:00	-291.44
10/17/07	14:00	-291.44
10/17/07	15:00	-291.44
10/17/07	16:00	-291.44
10/17/07	17:00	-291.44
10/17/07	18:00	-291.44
10/17/07	19:00	-291.44
10/17/07	20:00	-291.44
10/17/07	21:00	-291.36
10/17/07	22:00	-291.36
10/17/07	23:00	-291.44
10/18/07	0:00	-291.36
10/18/07	1:00	-291.36
10/18/07	2:00	-291.36
10/18/07	3:00	-291.28
10/18/07	4:00	-291.36
10/18/07	5:00	-291.28
10/18/07	6:00	-291.28
10/18/07	7:00	-291.36
10/18/07	8:00	-291.28
10/18/07	9:00	-291.28
10/18/07	10:00	-291.28
10/18/07	11:00	-291.28
10/18/07	12:00	-291.28
10/18/07	13:00	-291.28
10/18/07	14:00	-291.19
10/18/07	15:00	-291.19
10/18/07	16:00	-291.19
10/18/07	17:00	-291.19
10/18/07	18:00	-291.19
10/18/07	19:00	-291.19
10/18/07	20:00	-291.11
10/18/07	21:00	-291.19

Prepared by
Clay Murray
MCWD
3/19/2008

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 15**

10/18/07	22:00	-291.19
10/18/07	23:00	-291.19
10/19/07	0:00	-291.11
10/19/07	1:00	-291.19
10/19/07	2:00	-291.11
10/19/07	3:00	-291.11
10/19/07	4:00	-291.11
10/19/07	5:00	-291.11
10/19/07	6:00	-291.03
10/19/07	7:00	-291.03
10/19/07	8:00	-290.95
10/19/07	9:00	-291.03
10/19/07	10:00	-291.03
10/19/07	11:00	-290.95
10/19/07	12:00	-291.03
10/19/07	13:00	-290.95
10/19/07	14:00	-290.95
10/19/07	15:00	-290.95
10/19/07	16:00	-290.86
10/19/07	17:00	-290.86
10/19/07	18:00	-290.95
10/19/07	19:00	-290.86
10/19/07	20:00	-290.86
10/19/07	21:00	-290.86
10/19/07	22:00	-290.86
10/19/07	23:00	-290.78
10/20/07	0:00	-290.78
10/20/07	1:00	-290.78
10/20/07	2:00	-290.70
10/20/07	3:00	-290.78
10/20/07	4:00	-290.70
10/20/07	5:00	-290.70
10/20/07	6:00	-290.70
10/20/07	7:00	-290.70
10/20/07	8:00	-290.70
10/20/07	9:00	-290.70
10/20/07	10:00	-290.61
10/20/07	11:00	-290.61
10/20/07	12:00	-290.61
10/20/07	13:00	-290.61
10/20/07	14:00	-290.61
10/20/07	15:00	-290.61
10/20/07	16:00	-290.61
10/20/07	17:00	-290.61
10/20/07	18:00	-290.61
10/20/07	19:00	-290.61
10/20/07	20:00	-290.61
10/20/07	21:00	-290.61

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 15**

10/20/07	22:00	-290.61
10/20/07	23:00	-290.61
10/21/07	0:00	-290.61
10/21/07	1:00	-290.61
10/21/07	2:00	-290.61
10/21/07	3:00	-290.61
10/21/07	4:00	-290.61
10/21/07	5:00	-290.61
10/21/07	6:00	-290.61
10/21/07	7:00	-290.53
10/21/07	8:00	-290.61
10/21/07	9:00	-290.61
10/21/07	10:00	-290.61
10/21/07	11:00	-290.61
10/21/07	12:00	-290.53
10/21/07	13:00	-290.53
10/21/07	14:00	-290.53
10/21/07	15:00	-290.53
10/21/07	16:00	-290.53
10/21/07	17:00	-290.53
10/21/07	18:00	-290.53
10/21/07	19:00	-290.53
10/21/07	20:00	-290.53
10/21/07	21:00	-290.45
10/21/07	22:00	-290.45
10/21/07	23:00	-290.53
10/22/07	0:00	-290.53
10/22/07	1:00	-290.45
10/22/07	2:00	-290.53
10/22/07	3:00	-290.45
10/22/07	4:00	-290.36
10/22/07	5:00	-290.45
10/22/07	6:00	-290.45
10/22/07	7:00	-290.45
10/22/07	8:00	-290.45
10/22/07	9:00	-290.36
10/22/07	10:00	-290.45
10/22/07	11:00	-290.45
10/22/07	12:00	-290.45
10/22/07	13:00	-290.36
10/22/07	14:00	-290.36
10/22/07	15:00	-290.36
10/22/07	16:00	-290.28
10/22/07	17:00	-290.36
10/22/07	18:00	-290.36
10/22/07	19:00	-290.36
10/22/07	20:00	-290.36
10/22/07	21:00	-290.28

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 15**

10/22/07	22:00	-290.36
10/22/07	23:00	-290.28
10/23/07	0:00	-290.28
10/23/07	1:00	-290.28
10/23/07	2:00	-290.28
10/23/07	3:00	-290.28
10/23/07	4:00	-290.28
10/23/07	5:00	-290.20
10/23/07	6:00	-290.20
10/23/07	7:00	-290.20
10/23/07	8:00	-290.20
10/23/07	9:00	-290.20
10/23/07	10:00	-290.20
10/23/07	11:00	-290.20
10/23/07	12:00	-290.20
10/23/07	13:00	-290.11
10/23/07	14:00	-290.11
10/23/07	15:00	-290.11
10/23/07	16:00	-290.11
10/23/07	17:00	-290.11
10/23/07	18:00	-290.03
10/23/07	19:00	-290.11
10/23/07	20:00	-290.03
10/23/07	21:00	-290.03
10/23/07	22:00	-290.03
10/23/07	23:00	-290.03
10/24/07	0:00	-290.03
10/24/07	1:00	-290.03
10/24/07	2:00	-289.95
10/24/07	3:00	-289.95
10/24/07	4:00	-289.95
10/24/07	5:00	-289.95
10/24/07	6:00	-289.95
10/24/07	7:00	-289.86
10/24/07	8:00	-289.86

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 1**

Date	Time	Depth to Water (ft)
10/17/07	0:00	-214.55
10/17/07	1:00	-214.55
10/17/07	2:00	-214.55
10/17/07	3:00	-214.55
10/17/07	4:00	-214.55
10/17/07	5:00	-214.55
10/17/07	6:00	-214.41
10/17/07	7:00	-214.41
10/17/07	8:00	-214.41
10/17/07	9:00	-214.55
10/17/07	10:00	-214.55
10/17/07	11:00	-214.55
10/17/07	12:00	-214.55
10/17/07	13:00	-214.41
10/17/07	14:00	-214.41
10/17/07	15:00	-214.41
10/17/07	16:00	-214.41
10/17/07	17:00	-214.41
10/17/07	18:00	-214.41
10/17/07	19:00	-214.41
10/17/07	20:00	-214.55
10/17/07	21:00	-214.41
10/17/07	22:00	-214.41
10/17/07	23:00	-214.41
10/18/07	0:00	-214.55
10/18/07	1:00	-214.41
10/18/07	2:00	-214.41
10/18/07	3:00	-214.41
10/18/07	4:00	-214.41
10/18/07	5:00	-214.41
10/18/07	6:00	-214.41
10/18/07	7:00	-214.41
10/18/07	8:00	-214.41
10/18/07	9:00	-214.41
10/18/07	10:00	-214.41
10/18/07	11:00	-214.41
10/18/07	12:00	-214.41
10/18/07	13:00	-214.41
10/18/07	14:00	-214.27
10/18/07	15:00	-214.27
10/18/07	16:00	-214.27
10/18/07	17:00	-214.27
10/18/07	18:00	-214.27
10/18/07	19:00	-214.27
10/18/07	20:00	-214.27
10/18/07	21:00	-214.27

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 1**

10/18/07	22:00	-214.27
10/18/07	23:00	-214.27
10/19/07	0:00	-214.27
10/19/07	1:00	-214.13
10/19/07	2:00	-214.13
10/19/07	3:00	-214.13
10/19/07	4:00	-214.27
10/19/07	5:00	-214.13
10/19/07	6:00	-214.13
10/19/07	7:00	-214.13
10/19/07	8:00	-213.97
10/19/07	9:00	-214.13
10/19/07	10:00	-213.97
10/19/07	11:00	-213.97
10/19/07	12:00	-213.97
10/19/07	13:00	-213.97
10/19/07	14:00	-213.83
10/19/07	15:00	-213.83
10/19/07	16:00	-213.83
10/19/07	17:00	-213.83
10/19/07	18:00	-213.83
10/19/07	19:00	-213.83
10/19/07	20:00	-213.83
10/19/07	21:00	-213.83
10/19/07	22:00	-213.69
10/19/07	23:00	-213.69
10/20/07	0:00	-213.69
10/20/07	1:00	-213.69
10/20/07	2:00	-213.69
10/20/07	3:00	-213.69
10/20/07	4:00	-213.69
10/20/07	5:00	-213.55
10/20/07	6:00	-213.55
10/20/07	7:00	-213.55
10/20/07	8:00	-213.55
10/20/07	9:00	-213.55
10/20/07	10:00	-213.69
10/20/07	11:00	-213.55
10/20/07	12:00	-213.55
10/20/07	13:00	-213.55
10/20/07	14:00	-213.41
10/20/07	15:00	-213.41
10/20/07	16:00	-213.41
10/20/07	17:00	-213.41
10/20/07	18:00	-213.41
10/20/07	19:00	-213.55
10/20/07	20:00	-213.69
10/20/07	21:00	-213.55

Prepared by
Clay Murray
MCWD
3/19/2008

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 1**

10/20/07	22:00	-213.55
10/20/07	23:00	-213.55
10/21/07	0:00	-213.55
10/21/07	1:00	-213.55
10/21/07	2:00	-213.55
10/21/07	3:00	-213.55
10/21/07	4:00	-213.55
10/21/07	5:00	-213.55
10/21/07	6:00	-213.55
10/21/07	7:00	-213.55
10/21/07	8:00	-213.55
10/21/07	9:00	-213.55
10/21/07	10:00	-213.55
10/21/07	11:00	-213.55
10/21/07	12:00	-213.55
10/21/07	13:00	-213.41
10/21/07	14:00	-213.55
10/21/07	15:00	-213.55
10/21/07	16:00	-213.55
10/21/07	17:00	-213.41
10/21/07	18:00	-213.41
10/21/07	19:00	-213.55
10/21/07	20:00	-213.55
10/21/07	21:00	-213.55
10/21/07	22:00	-213.55
10/21/07	23:00	-213.55
10/22/07	0:00	-213.55
10/22/07	1:00	-213.55
10/22/07	2:00	-213.55
10/22/07	3:00	-213.55
10/22/07	4:00	-213.41
10/22/07	5:00	-213.41
10/22/07	6:00	-213.41
10/22/07	7:00	-213.55
10/22/07	8:00	-213.41
10/22/07	9:00	-213.41
10/22/07	10:00	-213.41
10/22/07	11:00	-213.41
10/22/07	12:00	-213.41
10/22/07	13:00	-213.41
10/22/07	14:00	-213.41
10/22/07	15:00	-213.27
10/22/07	16:00	-213.27
10/22/07	17:00	-213.27
10/22/07	18:00	-213.41
10/22/07	19:00	-213.41
10/22/07	20:00	-213.27
10/22/07	21:00	-213.27

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 1**

10/22/07	22:00	-213.27
10/22/07	23:00	-213.27
10/23/07	0:00	-213.27
10/23/07	1:00	-213.27
10/23/07	2:00	-213.27
10/23/07	3:00	-213.27
10/23/07	4:00	-213.13
10/23/07	5:00	-213.27
10/23/07	6:00	-213.13
10/23/07	7:00	-213.13
10/23/07	8:00	-213.13
10/23/07	9:00	-213.13
10/23/07	10:00	-213.13
10/23/07	11:00	-213.13
10/23/07	12:00	-212.98
10/23/07	13:00	-212.98
10/23/07	14:00	-212.98
10/23/07	15:00	-212.98
10/23/07	16:00	-212.98
10/23/07	17:00	-212.98
10/23/07	18:00	-212.98
10/23/07	19:00	-212.98
10/23/07	20:00	-212.84
10/23/07	21:00	-212.84
10/23/07	22:00	-212.84
10/23/07	23:00	-212.84
10/24/07	0:00	-212.84
10/24/07	1:00	-212.84
10/24/07	2:00	-212.84
10/24/07	3:00	-212.84
10/24/07	4:00	-212.69
10/24/07	5:00	-212.69
10/24/07	6:00	-212.69
10/24/07	7:00	-212.84
10/24/07	8:00	-212.69

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 4**

Date	Time	Depth to Water (ft)
10/17/07	10:00	33.79
10/18/07	13:29	33.90
10/19/07	8:42	33.87
10/20/07	16:00	33.89
10/21/07	12:30	33.98
10/22/07	9:37	34.09
10/23/07	10:25	34.07

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 5A**

Date	Time	Depth to Water (ft)
10/17/07	10:00	5.30
10/18/07	13:29	5.53
10/19/07	8:42	5.43
10/20/07	16:00	5.49
10/21/07	12:30	5.49
10/22/07	9:37	5.43
10/23/07	10:25	5.58

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 5M**

Date	Time	Depth to Water (ft)
10/17/07	10:00	8.56
10/18/07	13:29	8.55
10/19/07	8:42	8.57
10/20/07	16:00	8.54
10/21/07	12:30	8.55
10/22/07	9:37	8.56
10/23/07	10:25	8.53

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 17**

Date	Time	Depth to Water (ft)
10/17/07	0:00	-377.16
10/17/07	1:00	-377.16
10/17/07	2:00	-377.16
10/17/07	3:00	-377.41
10/17/07	4:00	-377.16
10/17/07	5:00	-377.16
10/17/07	6:00	-377.16
10/17/07	7:00	-377.16
10/17/07	8:00	-377.16
10/17/07	9:00	-377.19
10/17/07	10:00	-377.25
10/17/07	11:00	-377.25
10/17/07	12:00	-377.25
10/17/07	13:00	-377.27
10/17/07	14:00	-377.28
10/17/07	15:00	-377.30
10/17/07	16:00	-377.30
10/17/07	17:00	-377.30
10/17/07	18:00	-377.30
10/17/07	19:00	-377.30
10/17/07	20:00	-377.36
10/17/07	21:00	-377.36
10/17/07	22:00	-377.36
10/17/07	23:00	-377.36
10/18/07	0:00	-377.36
10/18/07	1:00	-377.36
10/18/07	2:00	-377.42
10/18/07	3:00	-377.42
10/18/07	4:00	-377.42
10/18/07	5:00	-377.42
10/18/07	6:00	-377.42
10/18/07	7:00	-377.44
10/18/07	8:00	-377.44
10/18/07	9:00	-377.47
10/18/07	10:00	-377.47
10/18/07	11:00	-377.47
10/18/07	12:00	-377.47
10/18/07	13:00	-377.47
10/18/07	14:00	-377.47
10/18/07	15:00	-377.47
10/18/07	16:00	-377.47
10/18/07	17:00	-377.47
10/18/07	18:00	-377.47
10/18/07	19:00	-377.47
10/18/07	20:00	-377.48
10/18/07	21:00	-377.53

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 17**

10/18/07	22:00	-377.53
10/18/07	23:00	-377.53
10/19/07	0:00	-377.53
10/19/07	1:00	-377.53
10/19/07	2:00	-377.53
10/19/07	3:00	-377.53
10/19/07	4:00	-377.50
10/19/07	5:00	-377.50
10/19/07	6:00	-377.50
10/19/07	7:00	-377.50
10/19/07	8:00	-377.50
10/19/07	9:00	-377.50
10/19/07	10:00	-377.50
10/19/07	11:00	-377.50
10/19/07	12:00	-377.50
10/19/07	13:00	-377.44
10/19/07	14:00	-377.44
10/19/07	15:00	-377.39
10/19/07	16:00	-377.39
10/19/07	17:00	-377.39
10/19/07	18:00	-377.39
10/19/07	19:00	-377.38
10/19/07	20:00	-377.33
10/19/07	21:00	-377.33
10/19/07	22:00	-377.33
10/19/07	23:00	-377.33
10/20/07	0:00	-377.33
10/20/07	1:00	-377.33
10/20/07	2:00	-377.33
10/20/07	3:00	-377.33
10/20/07	4:00	-377.30
10/20/07	5:00	-377.34
10/20/07	6:00	-377.27
10/20/07	7:00	-377.27
10/20/07	8:00	-377.22
10/20/07	9:00	-377.22
10/20/07	10:00	-377.23
10/20/07	11:00	-377.23
10/20/07	12:00	-377.23
10/20/07	13:00	-377.22
10/20/07	14:00	-377.25
10/20/07	15:00	-377.25
10/20/07	16:00	-377.25
10/20/07	17:00	-377.27
10/20/07	18:00	-377.27
10/20/07	19:00	-377.30
10/20/07	20:00	-377.36
10/20/07	21:00	-377.36

Prepared by
Clay Murray
MCWD
3/19/2008

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 17**

10/20/07	22:00	-377.42
10/20/07	23:00	-377.42
10/21/07	0:00	-377.42
10/21/07	1:00	-377.42
10/21/07	2:00	-377.42
10/21/07	3:00	-377.42
10/21/07	4:00	-377.47
10/21/07	5:00	-377.47
10/21/07	6:00	-377.53
10/21/07	7:00	-377.53
10/21/07	8:00	-377.53
10/21/07	9:00	-377.53
10/21/07	10:00	-377.53
10/21/07	11:00	-377.59
10/21/07	12:00	-377.59
10/21/07	13:00	-377.59
10/21/07	14:00	-377.59
10/21/07	15:00	-382.72
10/21/07	16:00	-383.03
10/21/07	17:00	-378.02
10/21/07	18:00	-377.84
10/21/07	19:00	-377.78
10/21/07	20:00	-377.78
10/21/07	21:00	-377.78
10/21/07	22:00	-377.78
10/21/07	23:00	-377.78
10/22/07	0:00	-377.78
10/22/07	1:00	-377.78
10/22/07	2:00	-377.78
10/22/07	3:00	-377.78
10/22/07	4:00	-377.78
10/22/07	5:00	-377.78
10/22/07	6:00	-377.78
10/22/07	7:00	-377.78
10/22/07	8:00	-377.78
10/22/07	9:00	-377.78
10/22/07	10:00	-377.78
10/22/07	11:00	-377.78
10/22/07	12:00	-377.78
10/22/07	13:00	-382.67
10/22/07	14:00	-382.86
10/22/07	15:00	-382.97
10/22/07	16:00	-383.08
10/22/07	17:00	-383.14
10/22/07	18:00	-383.20
10/22/07	19:00	-378.34
10/22/07	20:00	-378.23
10/22/07	21:00	-378.13

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3/19/2008

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 17**

10/22/07	22:00	-378.13
10/22/07	23:00	-378.06
10/23/07	0:00	-378.06
10/23/07	1:00	-378.02
10/23/07	2:00	-378.02
10/23/07	3:00	-377.97
10/23/07	4:00	-377.95
10/23/07	5:00	-377.95
10/23/07	6:00	-377.91
10/23/07	7:00	-377.89
10/23/07	8:00	-377.89
10/23/07	9:00	-377.89
10/23/07	10:00	-377.89
10/23/07	11:00	-377.89
10/23/07	12:00	-377.88
10/23/07	13:00	-377.84
10/23/07	14:00	-377.78
10/23/07	15:00	-377.78
10/23/07	16:00	-377.78
10/23/07	17:00	-377.78
10/23/07	18:00	-377.78
10/23/07	19:00	-377.75
10/23/07	20:00	-377.78
10/23/07	21:00	-377.73
10/23/07	22:00	-377.73
10/23/07	23:00	-377.73
10/24/07	0:00	-377.73
10/24/07	1:00	-377.67
10/24/07	2:00	-377.67
10/24/07	3:00	-377.67
10/24/07	4:00	-377.61
10/24/07	5:00	-377.61
10/24/07	6:00	-377.61
10/24/07	7:00	-377.61
10/24/07	8:00	-377.61

**ANTECEDENT MEASUREMENTS
FOR WELLS NO. 22 AND B-3**

Date	Time	22	B-3
10/17/07	10:00	75.81	18.19
10/18/07	13:00	75.96	18.20
10/19/07	9:00	76.10	18.19
10/20/07	16:00	76.31	18.15
10/21/07	12:00	76.44	18.17
10/22/07	10:00	76.56	18.15
10/23/07	10:00	76.70	18.21
10/24/07	8:00	76.85	18.15

* these wells are not equipped with transducers
and were monitored on a once daily basis

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 23**

Date	Time	Depth to Water (ft)
10/17/07	0:00	-16.22
10/17/07	1:00	-16.26
10/17/07	2:00	-16.26
10/17/07	3:00	-16.26
10/17/07	4:00	-16.26
10/17/07	5:00	-16.24
10/17/07	6:00	-16.26
10/17/07	7:00	-16.26
10/17/07	8:00	-16.24
10/17/07	9:00	-16.20
10/17/07	10:00	-16.18
10/17/07	11:00	-16.16
10/17/07	12:00	-16.14
10/17/07	13:00	-16.16
10/17/07	14:00	-16.16
10/17/07	15:00	-16.14
10/17/07	16:00	-16.16
10/17/07	17:00	-16.18
10/17/07	18:00	-16.14
10/17/07	19:00	-16.12
10/17/07	20:00	-16.12
10/17/07	21:00	-16.14
10/17/07	22:00	-16.12
10/17/07	23:00	-16.10
10/18/07	0:00	-16.10
10/18/07	1:00	-16.12
10/18/07	2:00	-16.10
10/18/07	3:00	-16.10
10/18/07	4:00	-16.10
10/18/07	5:00	-16.10
10/18/07	6:00	-16.12
10/18/07	7:00	-16.12
10/18/07	8:00	-16.12
10/18/07	9:00	-16.10
10/18/07	10:00	-16.10
10/18/07	11:00	-16.10
10/18/07	12:00	-16.09
10/18/07	13:00	-16.09
10/18/07	14:00	-16.10
10/18/07	15:00	-16.10
10/18/07	16:00	-16.10
10/18/07	17:00	-16.12
10/18/07	18:00	-16.12
10/18/07	19:00	-16.12
10/18/07	20:00	-16.09
10/18/07	21:00	-16.10

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3/19/2008

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 23**

10/18/07	22:00	-16.14
10/18/07	23:00	-16.12
10/19/07	0:00	-16.12
10/19/07	1:00	-16.12
10/19/07	2:00	-16.12
10/19/07	3:00	-16.14
10/19/07	4:00	-16.16
10/19/07	5:00	-16.18
10/19/07	6:00	-16.18
10/19/07	7:00	-16.20
10/19/07	8:00	-16.20
10/19/07	9:00	-16.20
10/19/07	10:00	-16.22
10/19/07	11:00	-16.20
10/19/07	12:00	-16.22
10/19/07	13:00	-16.24
10/19/07	14:00	-16.26
10/19/07	15:00	-16.31
10/19/07	16:00	-16.29
10/19/07	17:00	-16.29
10/19/07	18:00	-16.31
10/19/07	19:00	-16.33
10/19/07	20:00	-16.33
10/19/07	21:00	-16.33
10/19/07	22:00	-16.33
10/19/07	23:00	-16.33
10/20/07	0:00	-16.37
10/20/07	1:00	-16.35
10/20/07	2:00	-16.39
10/20/07	3:00	-16.37
10/20/07	4:00	-16.41
10/20/07	5:00	-16.41
10/20/07	6:00	-16.43
10/20/07	7:00	-16.46
10/20/07	8:00	-16.48
10/20/07	9:00	-16.46
10/20/07	10:00	-16.45
10/20/07	11:00	-16.45
10/20/07	12:00	-16.48
10/20/07	13:00	-16.46
10/20/07	14:00	-16.43
10/20/07	15:00	-16.45
10/20/07	16:00	-16.46
10/20/07	17:00	-16.45
10/20/07	18:00	-16.41
10/20/07	19:00	-16.35
10/20/07	20:00	-16.33
10/20/07	21:00	-16.31

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 23**

10/20/07	22:00	-16.31
10/20/07	23:00	-16.29
10/21/07	0:00	-16.31
10/21/07	1:00	-16.29
10/21/07	2:00	-16.31
10/21/07	3:00	-16.29
10/21/07	4:00	-16.29
10/21/07	5:00	-16.28
10/21/07	6:00	-16.29
10/21/07	7:00	-16.28
10/21/07	8:00	-16.26
10/21/07	9:00	-16.22
10/21/07	10:00	-16.22
10/21/07	11:00	-16.22
10/21/07	12:00	-16.24
10/21/07	13:00	-16.24
10/21/07	14:00	-16.26
10/21/07	15:00	-16.26
10/21/07	16:00	-16.24
10/21/07	17:00	-16.24
10/21/07	18:00	-16.24
10/21/07	19:00	-16.22
10/21/07	20:00	-16.20
10/21/07	21:00	-16.20
10/21/07	22:00	-16.20
10/21/07	23:00	-16.16
10/22/07	0:00	-16.18
10/22/07	1:00	-16.16
10/22/07	2:00	-16.16
10/22/07	3:00	-16.16
10/22/07	4:00	-16.16
10/22/07	5:00	-16.16
10/22/07	6:00	-16.16
10/22/07	7:00	-16.16
10/22/07	8:00	-16.14
10/22/07	9:00	-16.12
10/22/07	10:00	-16.12
10/22/07	11:00	-16.14
10/22/07	12:00	-16.14
10/22/07	13:00	-16.14
10/22/07	14:00	-16.16
10/22/07	15:00	-16.20
10/22/07	16:00	-16.18
10/22/07	17:00	-16.18
10/22/07	18:00	-16.18
10/22/07	19:00	-16.16
10/22/07	20:00	-16.14
10/22/07	21:00	-16.12

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 23**

10/22/07	22:00	-16.14
10/22/07	23:00	-16.10
10/23/07	0:00	-16.12
10/23/07	1:00	-16.14
10/23/07	2:00	-16.16
10/23/07	3:00	-16.16
10/23/07	4:00	-16.18
10/23/07	5:00	-16.18
10/23/07	6:00	-16.18
10/23/07	7:00	-16.16
10/23/07	8:00	-16.18
10/23/07	9:00	-16.16
10/23/07	10:00	-16.16
10/23/07	11:00	-16.18
10/23/07	12:00	-16.20
10/23/07	13:00	-16.20
10/23/07	14:00	-16.24
10/23/07	15:00	-16.24
10/23/07	16:00	-16.24
10/23/07	17:00	-16.24
10/23/07	18:00	-16.26
10/23/07	19:00	-16.22
10/23/07	20:00	-16.24
10/23/07	21:00	-16.22
10/23/07	22:00	-16.20
10/23/07	23:00	-16.20
10/24/07	0:00	-16.20
10/24/07	1:00	-16.20
10/24/07	2:00	-16.20
10/24/07	3:00	-16.22
10/24/07	4:00	-16.26
10/24/07	5:00	-16.24
10/24/07	6:00	-16.26
10/24/07	7:00	-16.26
10/24/07	8:00	-16.24

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 28**

Date	Time	Depth to Water (ft)
10/17/2007	0:32	55.482
10/17/2007	1:32	55.488
10/17/2007	2:32	55.488
10/17/2007	3:32	55.49
10/17/2007	4:32	55.532
10/17/2007	5:32	55.519
10/17/2007	6:32	55.526
10/17/2007	7:32	55.535
10/17/2007	8:32	55.604
10/17/2007	9:32	55.643
10/17/2007	10:32	55.665
10/17/2007	11:32	55.667
10/17/2007	12:32	55.673
10/17/2007	13:32	55.662
10/17/2007	14:32	55.667
10/17/2007	15:32	55.669
10/17/2007	16:32	55.673
10/17/2007	17:32	55.688
10/17/2007	18:32	55.709
10/17/2007	19:32	55.723
10/17/2007	20:32	55.711
10/17/2007	21:32	55.717
10/17/2007	22:32	55.74
10/17/2007	23:32	55.757
10/18/2007	0:32	55.736
10/18/2007	1:32	55.761
10/18/2007	2:32	55.77
10/18/2007	3:32	55.761
10/18/2007	4:32	55.774
10/18/2007	5:32	55.776
10/18/2007	6:32	55.772
10/18/2007	7:32	55.793
10/18/2007	8:32	55.81
10/18/2007	9:32	55.82
10/18/2007	10:32	55.831
10/18/2007	11:32	55.828
10/18/2007	12:32	55.824
10/18/2007	13:32	55.816
10/18/2007	14:32	55.818
10/18/2007	15:32	55.816
10/18/2007	16:32	55.826
10/18/2007	17:32	55.824
10/18/2007	18:32	55.835
10/18/2007	19:32	55.849
10/18/2007	20:32	55.854

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 28**

Date	Time	Depth to Water (ft)
10/18/2007	21:32	55.847
10/18/2007	22:32	55.847
10/18/2007	23:32	55.847
10/19/2007	0:32	55.845
10/19/2007	1:32	55.847
10/19/2007	2:32	55.852
10/19/2007	3:32	55.839
10/19/2007	4:32	55.828
10/19/2007	5:32	55.818
10/19/2007	6:32	55.831
10/19/2007	7:32	55.831
10/19/2007	8:32	55.845
10/19/2007	9:32	55.854
10/19/2007	10:32	55.845
10/19/2007	11:32	55.845
10/19/2007	12:32	55.828
10/19/2007	13:32	55.807
10/19/2007	14:32	55.784
10/19/2007	15:32	55.793
10/19/2007	16:32	55.795
10/19/2007	17:32	55.786
10/19/2007	18:32	55.778
10/19/2007	19:32	55.78
10/19/2007	20:32	55.803
10/19/2007	21:32	55.802
10/19/2007	22:32	55.787
10/19/2007	23:32	55.787
10/20/2007	0:32	55.816
10/20/2007	1:32	55.805
10/20/2007	2:32	55.823
10/20/2007	3:32	55.812
10/20/2007	4:32	55.797
10/20/2007	5:32	55.814
10/20/2007	6:32	55.808
10/20/2007	7:32	55.801
10/20/2007	8:32	55.799
10/20/2007	9:32	55.835
10/20/2007	10:32	55.831
10/20/2007	11:32	55.854
10/20/2007	12:32	55.839
10/20/2007	13:32	55.879
10/20/2007	14:32	55.898
10/20/2007	15:32	55.888
10/20/2007	16:32	55.898
10/20/2007	17:32	55.925

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 28**

Date	Time	Depth to Water (ft)
10/20/2007	18:32	55.961
10/20/2007	19:32	56.005
10/20/2007	20:32	56.024
10/20/2007	21:32	56.034
10/20/2007	22:32	56.037
10/20/2007	23:32	56.029
10/21/2007	0:32	56.026
10/21/2007	1:32	56.035
10/21/2007	2:32	56.047
10/21/2007	3:32	56.049
10/21/2007	4:32	56.072
10/21/2007	5:32	56.064
10/21/2007	6:32	56.079
10/21/2007	7:32	56.087
10/21/2007	8:32	56.119
10/21/2007	9:32	56.133
10/21/2007	10:32	56.127
10/21/2007	11:32	56.123
10/21/2007	12:32	56.119
10/21/2007	13:32	56.102
10/21/2007	14:32	56.102
10/21/2007	15:32	56.116
10/21/2007	16:32	56.127
10/21/2007	17:32	56.127
10/21/2007	18:32	56.142
10/21/2007	19:32	56.167
10/21/2007	20:32	56.18
10/21/2007	21:32	56.184
10/21/2007	22:32	56.192
10/21/2007	23:32	56.198
10/22/2007	0:32	56.211
10/22/2007	1:32	56.203
10/22/2007	2:32	56.194
10/22/2007	3:32	56.19
10/22/2007	4:32	56.186
10/22/2007	5:32	56.196
10/22/2007	6:32	56.196
10/22/2007	7:32	56.209
10/22/2007	8:32	56.236
10/22/2007	9:32	56.24
10/22/2007	10:32	56.226
10/22/2007	11:32	56.224
10/22/2007	12:32	56.219
10/22/2007	13:32	56.207
10/22/2007	14:32	56.186

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 28**

Date	Time	Depth to Water (ft)
10/22/2007	15:32	56.188
10/22/2007	16:32	56.19
10/22/2007	17:32	56.196
10/22/2007	18:32	56.207
10/22/2007	19:32	56.232
10/22/2007	20:32	56.24
10/22/2007	21:32	56.251
10/22/2007	22:32	56.259
10/22/2007	23:32	56.255
10/23/2007	0:32	56.24
10/23/2007	1:32	56.23
10/23/2007	2:32	56.217
10/23/2007	3:32	56.207
10/23/2007	4:32	56.207
10/23/2007	5:32	56.213
10/23/2007	6:32	56.224
10/23/2007	7:32	56.232
10/23/2007	8:32	56.249
10/23/2007	9:32	56.251
10/23/2007	10:32	56.243
10/23/2007	11:32	56.23
10/23/2007	12:32	56.213
10/23/2007	13:32	56.19
10/23/2007	14:32	56.182
10/23/2007	15:32	56.186
10/23/2007	16:32	56.188
10/23/2007	17:32	56.194
10/23/2007	18:32	56.201
10/23/2007	19:32	56.217
10/23/2007	20:32	56.23
10/23/2007	21:32	56.24
10/23/2007	22:32	56.243
10/23/2007	23:32	56.24
10/24/2007	0:32	56.236
10/24/2007	1:32	56.234
10/24/2007	2:32	56.226
10/24/2007	3:32	56.213
10/24/2007	4:32	56.209
10/24/2007	5:32	56.211
10/24/2007	6:32	56.215
10/24/2007	7:32	56.224
10/24/2007	8:32	56.238
10/24/2007	9:32	56.245
10/24/2007	10:32	56.24
10/24/2007	11:32	56.238

**ANTECEDENT MEASUREMENTS
FOR WELL NO. 30**

Date	Time	Depth to Water (ft)
10/17/07	10:00	453.90
10/18/07	13:29	454.08
10/19/07	8:42	454.09
10/20/07	16:00	453.90
10/21/07	12:30	453.78
10/22/07	9:37	454.06
10/23/07	10:25	454.31

APPENDIX B

DRAWDOWN MEASUREMENTS

DRAWDOWN MEASUREMENTS FOR WELL NO. 15

Pumping Began: 10/24/2007 12:31
Pumping Stopped: 11/7/2007 8:31
Static Water Level: -290.28'

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	12:31	0	-290.28
10/24/07	12:32	1	-295.61
10/24/07	12:33	2	-295.77
10/24/07	12:34	3	-295.77
10/24/07	12:35	4	-295.69
10/24/07	12:36	5	-295.94
10/24/07	12:37	6	-295.94
10/24/07	12:38	7	-295.86
10/24/07	12:39	8	-296.19
10/24/07	12:40	9	-296.52
10/24/07	12:41	10	-296.52
10/24/07	12:42	11	-296.69
10/24/07	12:43	12	-296.19
10/24/07	12:44	13	-296.19
10/24/07	12:45	14	-296.36
10/24/07	12:46	15	-296.11
10/24/07	12:47	16	-296.11
10/24/07	12:48	17	-296.36
10/24/07	12:49	18	-296.02
10/24/07	12:50	19	-296.44
10/24/07	12:52	21	-296.44
10/24/07	12:54	23	-296.27
10/24/07	12:56	25	-296.11
10/24/07	12:58	27	-296.36
10/24/07	13:00	29	-296.27
10/24/07	13:02	31	-295.77
10/24/07	13:04	33	-296.44
10/24/07	13:06	35	-296.27
10/24/07	13:08	37	-296.61
10/24/07	13:10	39	-296.11
10/24/07	13:12	41	-296.02
10/24/07	13:14	43	-296.02
10/24/07	13:16	45	-296.44
10/24/07	13:18	47	-296.44
10/24/07	13:20	49	-296.19
10/24/07	13:22	51	-295.86
10/24/07	13:24	53	-296.36
10/24/07	13:26	55	-296.27
10/24/07	13:28	57	-296.11
10/24/07	13:30	59	-296.44
10/24/07	13:32	61	-296.02

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	13:34	63	-296.36
10/24/07	13:36	65	-296.27
10/24/07	13:38	67	-296.19
10/24/07	13:40	69	-296.36
10/24/07	13:42	71	-296.11
10/24/07	13:44	73	-296.19
10/24/07	13:46	75	-296.44
10/24/07	13:48	77	-296.44
10/24/07	13:50	79	-296.27
10/24/07	13:55	84	-296.36
10/24/07	14:00	89	-296.27
10/24/07	14:05	94	-296.27
10/24/07	14:10	99	-296.11
10/24/07	14:15	104	-296.02
10/24/07	14:20	109	-296.36
10/24/07	14:25	114	-296.36
10/24/07	14:30	119	-296.27
10/24/07	14:35	124	-296.36
10/24/07	14:40	129	-296.44
10/24/07	14:45	134	-296.52
10/24/07	14:50	139	-296.36
10/24/07	14:55	144	-296.36
10/24/07	15:00	149	-296.44
10/24/07	15:05	154	-296.36
10/24/07	15:10	159	-296.77
10/24/07	15:15	164	-296.36
10/24/07	15:20	169	-296.36
10/24/07	15:25	174	-296.36
10/24/07	15:30	179	-296.11
10/24/07	15:35	184	-296.36
10/24/07	15:40	189	-296.61
10/24/07	15:45	194	-296.44
10/24/07	15:50	199	-295.77
10/24/07	15:55	204	-295.69
10/24/07	16:00	209	-296.02
10/24/07	16:05	214	-295.86
10/24/07	16:10	219	-295.86
10/24/07	16:15	224	-296.19
10/24/07	16:20	229	-295.77
10/24/07	16:25	234	-295.86
10/24/07	16:30	239	-295.77
10/24/07	16:35	244	-295.94
10/24/07	16:40	249	-295.94
10/24/07	16:45	254	-296.11
10/24/07	16:55	264	-296.02

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	17:05	274	-295.77
10/24/07	17:15	284	-296.27
10/24/07	17:25	294	-295.77
10/24/07	17:35	304	-295.77
10/24/07	17:45	314	-295.86
10/24/07	17:55	324	-296.36
10/24/07	18:05	334	-295.94
10/24/07	18:15	344	-295.69
10/24/07	18:25	354	-295.86
10/24/07	18:35	364	-296.36
10/24/07	18:45	374	-295.94
10/24/07	18:55	384	-295.86
10/24/07	19:05	394	-296.11
10/24/07	19:15	404	-295.86
10/24/07	19:25	414	-296.11
10/24/07	19:35	424	-296.19
10/24/07	19:45	434	-296.19
10/24/07	19:55	444	-296.11
10/24/07	20:05	454	-295.94
10/24/07	20:15	464	-296.02
10/24/07	20:25	474	-290.95
10/24/07	20:35	484	-295.94
10/24/07	20:45	494	-296.11
10/24/07	20:55	504	-296.02
10/24/07	21:05	514	-295.94
10/24/07	21:15	524	-296.11
10/24/07	21:25	534	-296.27
10/24/07	21:35	544	-296.44
10/24/07	21:45	554	-296.27
10/24/07	21:55	564	-296.11
10/24/07	22:05	574	-296.11
10/24/07	22:15	584	-296.11
10/24/07	22:25	594	-296.36
10/24/07	22:35	604	-296.02
10/24/07	22:45	614	-296.11
10/24/07	22:55	624	-296.11
10/24/07	23:05	634	-296.19
10/24/07	23:15	644	-296.36
10/24/07	23:25	654	-296.44
10/24/07	23:35	664	-296.52
10/24/07	23:45	674	-296.27
10/24/07	23:55	684	-296.02
10/25/07	0:55	744	-296.02
10/25/07	1:55	804	-296.52
10/25/07	2:55	864	-296.19

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/25/07	3:55	924	-296.69
10/25/07	4:55	984	-296.19
10/25/07	5:55	1044	-296.61
10/25/07	6:55	1104	-296.61
10/25/07	7:55	1164	-296.36
10/25/07	8:55	1224	-296.44
10/25/07	9:55	1284	-296.44
10/25/07	10:55	1344	-296.77
10/25/07	11:55	1404	-296.77
10/25/07	12:55	1464	-296.44
10/25/07	13:55	1524	-296.61
10/25/07	14:55	1584	-296.77
10/25/07	15:55	1644	-296.52
10/25/07	16:55	1704	-296.52
10/25/07	17:55	1764	-296.52
10/25/07	18:55	1824	-296.69
10/25/07	19:55	1884	-296.69
10/25/07	20:55	1944	-296.69
10/25/07	21:55	2004	-296.69
10/25/07	22:55	2064	-296.36
10/25/07	23:55	2124	-296.77
10/26/07	0:55	2184	-297.11
10/26/07	1:55	2244	-296.86
10/26/07	2:55	2304	-297.11
10/26/07	3:55	2364	-296.86
10/26/07	4:55	2424	-296.94
10/26/07	5:55	2484	-296.94
10/26/07	6:55	2544	-297.11
10/26/07	7:55	2604	-297.02
10/26/07	8:55	2664	-297.34
10/26/07	9:55	2724	-297.11
10/26/07	10:55	2784	-296.77
10/26/07	11:55	2844	-297.27
10/26/07	12:55	2904	-297.02
10/26/07	13:55	2964	-297.19
10/26/07	14:55	3024	-297.19
10/26/07	15:55	3084	-297.02
10/26/07	16:55	3144	-297.02
10/26/07	17:55	3204	-297.19
10/26/07	18:55	3264	-297.02
10/26/07	19:55	3324	-297.11
10/26/07	20:55	3384	-296.94
10/26/07	21:55	3444	-297.44
10/26/07	22:55	3504	-297.27
10/26/07	23:55	3564	-297.19

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/27/07	0:55	3624	-297.02
10/27/07	1:55	3684	-297.19
10/27/07	2:55	3744	-297.44
10/27/07	3:55	3804	-297.52
10/27/07	4:55	3864	-296.94
10/27/07	5:55	3924	-297.19
10/27/07	6:55	3984	-297.52
10/27/07	7:55	4044	-297.27
10/27/07	8:55	4104	-297.44
10/27/07	9:55	4164	-297.19
10/27/07	10:55	4224	-297.19
10/27/07	11:55	4284	-297.59
10/27/07	12:55	4344	-297.34
10/27/07	13:55	4404	-297.44
10/27/07	14:55	4464	-297.44
10/27/07	15:55	4524	-297.59
10/27/07	16:55	4584	-297.52
10/27/07	17:55	4644	-297.52
10/27/07	18:55	4704	-297.59
10/27/07	19:55	4764	-297.27
10/27/07	20:55	4824	-297.34
10/27/07	21:55	4884	-297.69
10/27/07	22:55	4944	-297.59
10/27/07	23:55	5004	-297.59
10/28/07	0:55	5064	-297.69
10/28/07	1:55	5124	-297.34
10/28/07	2:55	5184	-297.69
10/28/07	3:55	5244	-297.59
10/28/07	4:55	5304	-297.44
10/28/07	5:55	5364	-297.59
10/28/07	6:55	5424	-297.77
10/28/07	7:55	5484	-297.84
10/28/07	8:55	5544	-297.44
10/28/07	9:55	5604	-297.52
10/28/07	10:55	5664	-297.52
10/28/07	11:55	5724	-297.59
10/28/07	12:55	5784	-297.94
10/28/07	13:55	5844	-298.02
10/28/07	14:55	5904	-297.69
10/28/07	15:55	5964	-297.77
10/28/07	16:55	6024	-298.02
10/28/07	17:55	6084	-298.02
10/28/07	18:55	6144	-297.77
10/28/07	19:55	6204	-298.09
10/28/07	20:55	6264	-297.77

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/28/07	21:55	6324	-294.94
10/28/07	22:55	6384	-298.27
10/28/07	23:55	6444	-297.84
10/29/07	0:55	6504	-298.27
10/29/07	1:55	6564	-297.84
10/29/07	2:55	6624	-298.27
10/29/07	3:55	6684	-297.77
10/29/07	4:55	6744	-297.94
10/29/07	5:55	6804	-298.02
10/29/07	6:55	6864	-297.84
10/29/07	7:55	6924	-298.02
10/29/07	8:55	6984	-298.27
10/29/07	9:55	7044	-298.44
10/29/07	10:55	7104	-297.94
10/29/07	11:55	7164	-297.84
10/29/07	12:55	7224	-297.94
10/29/07	13:55	7284	-297.84
10/29/07	14:55	7344	-298.09
10/29/07	15:55	7404	-298.09
10/29/07	16:55	7464	-298.09
10/29/07	17:55	7524	-298.34
10/29/07	18:55	7584	-297.94
10/29/07	19:55	7644	-297.94
10/29/07	20:55	7704	-298.27
10/29/07	21:55	7764	-298.27
10/29/07	22:55	7824	-298.09
10/29/07	23:55	7884	-297.84
10/30/07	0:55	7944	-298.09
10/30/07	1:55	8004	-298.02
10/30/07	2:55	8064	-298.09
10/30/07	3:55	8124	-298.19
10/30/07	4:55	8184	-298.02
10/30/07	5:55	8244	-297.84
10/30/07	6:55	8304	-298.19
10/30/07	7:55	8364	-298.27
10/30/07	8:55	8424	-298.19
10/30/07	9:55	8484	-298.44
10/30/07	10:55	8544	-298.09
10/30/07	11:55	8604	-298.34
10/30/07	12:55	8664	-298.52
10/30/07	13:55	8724	-298.09
10/30/07	14:55	8784	-297.77
10/30/07	15:55	8844	-298.34
10/30/07	16:55	8904	-298.09
10/30/07	17:55	8964	-298.34

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/30/07	18:55	9024	-298.27
10/30/07	19:55	9084	-298.44
10/30/07	20:55	9144	-298.27
10/30/07	21:55	9204	-298.19
10/30/07	22:55	9264	-298.19
10/30/07	23:55	9324	-298.19
10/31/07	0:55	9384	-298.52
10/31/07	1:55	9444	-298.77
10/31/07	2:55	9504	-298.44
10/31/07	3:55	9564	-298.27
10/31/07	4:55	9624	-298.19
10/31/07	5:55	9684	-298.52
10/31/07	6:55	9744	-296.69
10/31/07	7:55	9804	-298.27
10/31/07	8:55	9864	-298.59
10/31/07	9:55	9924	-298.52
10/31/07	10:55	9984	-298.52
10/31/07	11:55	10044	-298.09
10/31/07	12:55	10104	-298.69
10/31/07	13:55	10164	-298.34
10/31/07	14:55	10224	-298.44
10/31/07	15:55	10284	-298.52
10/31/07	16:55	10344	-298.09
10/31/07	17:55	10404	-298.34
10/31/07	18:55	10464	-298.59
10/31/07	19:55	10524	-298.34
10/31/07	20:55	10584	-298.59
10/31/07	21:55	10644	-298.59
10/31/07	22:55	10704	-298.52
10/31/07	23:55	10764	-298.84
11/01/07	0:55	10824	-298.44
11/01/07	1:55	10884	-298.84
11/01/07	2:55	10944	-298.19
11/01/07	3:55	11004	-298.84
11/01/07	4:55	11064	-298.59
11/01/07	5:55	11124	-298.77
11/01/07	6:55	11184	-298.27
11/01/07	7:55	11244	-298.69
11/01/07	8:55	11304	-298.59
11/01/07	9:55	11364	-298.59
11/01/07	10:55	11424	-298.34
11/01/07	11:55	11484	-298.69
11/01/07	12:55	11544	-298.59
11/01/07	13:55	11604	-298.44
11/01/07	14:55	11664	-298.94

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
11/01/07	15:55	11724	-298.44
11/01/07	16:55	11784	-298.52
11/01/07	17:55	11844	-298.77
11/01/07	18:55	11904	-298.69
11/01/07	19:55	11964	-298.84
11/01/07	20:55	12024	-298.84
11/01/07	21:55	12084	-298.77
11/01/07	22:55	12144	-298.52
11/01/07	23:55	12204	-298.84
11/02/07	0:55	12264	-298.34
11/02/07	1:55	12324	-298.94
11/02/07	2:55	12384	-298.52
11/02/07	3:55	12444	-298.77
11/02/07	4:55	12504	-298.69
11/02/07	5:55	12564	-298.34
11/02/07	6:55	12624	-298.77
11/02/07	7:55	12684	-298.52
11/02/07	8:55	12744	-299.09
11/02/07	9:55	12804	-298.69
11/02/07	10:55	12864	-298.84
11/02/07	11:55	12924	-298.69
11/02/07	12:55	12984	-298.77
11/02/07	13:55	13044	-298.77
11/02/07	14:55	13104	-298.77
11/02/07	15:55	13164	-298.77
11/02/07	16:55	13224	-298.77
11/02/07	17:55	13284	-298.84
11/02/07	18:55	13344	-298.94
11/02/07	19:55	13404	-298.69
11/02/07	20:55	13464	-298.69
11/02/07	21:55	13524	-299.02
11/02/07	22:55	13584	-299.19
11/02/07	23:55	13644	-295.11
11/03/07	0:55	13704	-299.02
11/03/07	1:55	13764	-298.69
11/03/07	2:55	13824	-298.84
11/03/07	3:55	13884	-298.77
11/03/07	4:55	13944	-298.84
11/03/07	5:55	14004	-299.09
11/03/07	6:55	14064	-298.84
11/03/07	7:55	14124	-298.69
11/03/07	8:55	14184	-299.77
11/03/07	9:55	14244	-298.94
11/03/07	10:55	14304	-298.94
11/03/07	11:55	14364	-299.77

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
11/03/07	12:55	14424	-298.94
11/03/07	13:55	14484	-298.84
11/03/07	14:55	14544	-299.09
11/03/07	15:55	14604	-299.09
11/03/07	16:55	14664	-299.44
11/03/07	17:55	14724	-299.09
11/03/07	18:55	14784	-299.09
11/03/07	19:55	14844	-299.19
11/03/07	20:55	14904	-299.02
11/03/07	21:55	14964	-299.52
11/03/07	22:55	15024	-299.09
11/03/07	23:55	15084	-299.19
11/04/07	0:55	15144	-299.09
11/04/07	1:55	15204	-300.27
11/04/07	1:55	15204	-298.94
11/04/07	2:55	15264	-299.02
11/04/07	3:55	15324	-299.19
11/04/07	4:55	15384	-299.44
11/04/07	5:55	15444	-299.02
11/04/07	6:55	15504	-300.02
11/04/07	7:55	15564	-298.94
11/04/07	8:55	15624	-299.09
11/04/07	9:55	15684	-299.94
11/04/07	10:55	15744	-299.19
11/04/07	11:55	15804	-299.19
11/04/07	12:55	15864	-299.52
11/04/07	13:55	15924	-299.09
11/04/07	14:55	15984	-299.19
11/04/07	15:55	16044	-299.19
11/04/07	16:55	16104	-299.27
11/04/07	17:55	16164	-299.69
11/04/07	18:55	16224	-299.44
11/04/07	19:55	16284	-299.09
11/04/07	20:55	16344	-299.02
11/04/07	21:55	16404	-299.19
11/04/07	22:55	16464	-299.84
11/04/07	23:55	16524	-298.84
11/05/07	0:55	16584	-299.34
11/05/07	1:55	16644	-299.19
11/05/07	2:55	16704	-299.02
11/05/07	3:55	16764	-299.34
11/05/07	4:55	16824	-299.19
11/05/07	5:55	16884	-299.19
11/05/07	6:55	16944	-298.94
11/05/07	7:55	17004	-299.27

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
11/05/07	8:55	17064	-298.94
11/05/07	9:55	17124	-299.27
11/05/07	10:55	17184	-299.34
11/05/07	11:55	17244	-299.34
11/05/07	12:55	17304	-298.94
11/05/07	13:55	17364	-299.19
11/05/07	14:55	17424	-299.77
11/05/07	15:55	17484	-294.69
11/05/07	16:55	17544	-299.09
11/05/07	17:55	17604	-299.27
11/05/07	18:55	17664	-299.52
11/05/07	19:55	17724	-300.27
11/05/07	20:55	17784	-299.34
11/05/07	21:55	17844	-299.52
11/05/07	22:55	17904	-299.69
11/05/07	23:55	17964	-299.09
11/06/07	0:55	18024	-300.09
11/06/07	1:55	18084	-299.27
11/06/07	2:55	18144	-299.44
11/06/07	3:55	18204	-299.34
11/06/07	4:55	18264	-299.09
11/06/07	5:55	18324	-299.52
11/06/07	6:55	18384	-299.69
11/06/07	7:55	18444	-299.27
11/06/07	8:55	18504	-299.69
11/06/07	9:55	18564	-299.27
11/06/07	10:55	18624	-299.69
11/06/07	11:55	18684	-299.34
11/06/07	12:55	18744	-299.59
11/06/07	13:55	18804	-299.27
11/06/07	14:55	18864	-299.34
11/06/07	15:55	18924	-299.44
11/06/07	16:55	18984	-299.52
11/06/07	17:55	19044	-299.69
11/06/07	18:55	19104	-299.52
11/06/07	19:55	19164	-299.27
11/06/07	20:55	19224	-299.52
11/06/07	21:55	19284	-299.27
11/06/07	22:55	19344	-299.69
11/06/07	23:55	19404	-299.44
11/07/07	0:55	19464	-299.34
11/07/07	1:55	19524	-299.52
11/07/07	2:55	19584	-299.59
11/07/07	3:55	19644	-299.44
11/07/07	4:55	19704	-299.69

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
11/07/07	5:55	19764	-299.84
11/07/07	6:55	19824	-299.52
11/07/07	7:55	19884	-299.52
11/07/07	8:31	19920	-296.11

**PUMPAGE MEASUREMENTS
FOR WELL NO. 15**

Pumping Began: 10/24/2007 12:31
Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Pumping Time (min)	Totalizer (MG)	Total Amount Pumped(MG)	Instantaneous Pump Rate (gpm)
10/24/07	12:31	0	1693.2500	0.0000	851.59
10/24/07	13:00	29	1693.3125	0.0625	851.59
10/24/07	14:30	119	1693.3750	0.1250	851.59
10/24/07	15:30	179	1693.4375	0.1875	851.59
10/24/07	17:01	270	1693.5000	0.2500	801.59
10/24/07	18:01	330	1693.5625	0.3125	801.59
10/24/07	19:31	420	1693.6250	0.3750	801.59
10/24/07	21:02	511	1693.6875	0.4375	852.38
10/24/07	22:03	571	1693.7500	0.5000	852.38
10/24/07	23:33	662	1693.8125	0.5625	802.34
10/25/07	0:34	722	1693.8750	0.6250	802.34
10/25/07	2:04	812	1693.9375	0.6875	802.34
10/25/07	3:34	902	1694.0000	0.7500	802.34
10/25/07	5:05	994	1694.0625	0.8125	812.16
10/25/07	6:05	1054	1694.1250	0.8750	812.16
10/25/07	7:37	1146	1694.1875	0.9375	812.16
10/25/07	8:38	1207	1694.2500	1.0000	812.16
10/25/07	10:09	1298	1694.3125	1.0625	812.16
10/25/07	11:09	1358	1694.3750	1.1250	812.16
10/25/07	12:39	1448	1694.4375	1.1875	0.00
10/25/07	14:10	1539	1694.5000	1.2500	835.84
10/25/07	15:11	1600	1694.5625	1.3125	835.84
10/25/07	16:42	1691	1694.6250	1.3750	835.84
10/25/07	18:13	1782	1694.6875	1.4375	835.84
10/25/07	19:14	1843	1694.7500	1.5000	835.84
10/25/07	20:45	1934	1694.8125	1.5625	835.84
10/25/07	22:17	2026	1694.8750	1.6250	831.22
10/25/07	23:18	2087	1694.9375	1.6875	831.22
10/26/07	0:48	2177	1695.0000	1.7500	831.22
10/26/07	1:48	2237	1695.0625	1.8125	831.22
10/26/07	3:19	2328	1695.1250	1.8750	831.22
10/26/07	4:49	2418	1695.1875	1.9375	831.22
10/26/07	5:49	2477	1695.2500	2.0000	833.78
10/26/07	7:19	2568	1695.3125	2.0625	833.78
10/26/07	8:50	2659	1695.3750	2.1250	833.78
10/26/07	9:49	2718	1695.4375	2.1875	833.78
10/26/07	11:20	2808	1695.5000	2.2500	833.78
10/26/07	12:20	2869	1695.5625	2.3125	833.78

**PUMPAGE MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Totalizer (MG)	Total Amount Pumped(MG)	Instantaneous Pump Rate (gpm)
10/26/07	13:52	2961	1695.6250	2.3750	839.50
10/26/07	15:23	3052	1695.6875	2.4375	839.50
10/26/07	16:23	3112	1695.7500	2.5000	781.00
10/26/07	17:53	3202	1695.8125	2.5625	781.00
10/26/07	19:54	3323	1695.8750	2.6250	781.00
10/26/07	20:55	3384	1695.9375	2.6875	781.00
10/26/07	21:56	3445	1696.0000	2.7500	824.09
10/26/07	23:27	3536	1696.0625	2.8125	824.09
10/27/07	0:28	3597	1696.1250	2.8750	824.09
10/27/07	1:58	3687	1696.1875	2.9375	824.09
10/27/07	2:59	3748	1696.2500	3.0000	824.09
10/27/07	4:29	3838	1696.3125	3.0625	824.09
10/27/07	6:02	3931	1696.3750	3.1250	825.09
10/27/07	7:02	3991	1696.4375	3.1875	825.09
10/27/07	8:39	4088	1696.5000	3.2500	825.09
10/27/07	10:05	4174	1696.5625	3.3125	825.09
10/27/07	11:05	4234	1696.6250	3.3750	825.09
10/27/07	12:37	4325	1696.6875	3.4375	825.09
10/27/07	14:07	4416	1696.7500	3.5000	798.47
10/27/07	15:07	4476	1696.8125	3.5625	798.47
10/27/07	16:37	4566	1696.8750	3.6250	798.47
10/27/07	18:08	4657	1696.9375	3.6875	798.47
10/27/07	19:08	4717	1697.0000	3.7500	798.47
10/27/07	20:38	4807	1697.0625	3.8125	798.47
10/27/07	22:12	4901	1697.1250	3.8750	836.50
10/27/07	23:11	4960	1697.1875	3.9375	836.50
10/28/07	0:42	5051	1697.2500	4.0000	836.50
10/28/07	2:12	5141	1697.3125	4.0625	786.38
10/28/07	3:12	5201	1697.3750	4.1250	786.38
10/28/07	4:44	5293	1697.4375	4.1875	786.38
10/28/07	6:14	5383	1697.5000	4.2500	801.69
10/28/07	7:15	5444	1697.5625	4.3125	801.69
10/28/07	8:44	5533	1697.6250	4.3750	801.69
10/28/07	10:15	5624	1697.6875	4.4375	801.69
10/28/07	11:16	5685	1697.7500	4.5000	801.69
10/28/07	12:48	5777	1697.8125	4.5625	801.69
10/28/07	13:49	5838	1697.8750	4.6250	0.00
10/28/07	15:19	5928	1697.9375	4.6875	827.28
10/28/07	16:50	6019	1698.0000	4.7500	827.28
10/28/07	17:51	6080	1698.0625	4.8125	827.28
10/28/07	19:22	6170	1698.1250	4.8750	827.28
10/28/07	20:51	6260	1698.1875	4.9375	827.28

**PUMPAGE MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Totalizer (MG)	Total Amount Pumped(MG)	Instantaneous Pump Rate (gpm)
10/28/07	21:52	6321	1698.2500	5.0000	827.28
10/28/07	23:24	6413	1698.3125	5.0625	831.38
10/29/07	0:54	6503	1698.3750	5.1250	831.38
10/29/07	1:54	6563	1698.4375	5.1875	831.38
10/29/07	3:25	6654	1698.5000	5.2500	781.31
10/29/07	4:54	6743	1698.5625	5.3125	781.31
10/29/07	5:55	6804	1698.6250	5.3750	781.31
10/29/07	7:27	6896	1698.6875	5.4375	825.53
10/29/07	8:58	6987	1698.7500	5.5000	825.53
10/29/07	9:59	7048	1698.8125	5.5625	825.53
10/29/07	11:30	7139	1698.8750	5.6250	825.53
10/29/07	13:01	7230	1698.9375	5.6875	825.53
10/29/07	14:01	7290	1699.0000	5.7500	775.53
10/29/07	15:34	7382	1699.0625	5.8125	825.53
10/29/07	17:04	7472	1699.1250	5.8750	825.53
10/29/07	18:05	7534	1699.1875	5.9375	825.53
10/29/07	19:36	7625	1699.2500	6.0000	825.53
10/29/07	21:06	7715	1699.3125	6.0625	764.28
10/29/07	22:07	7776	1699.3750	6.1250	764.28
10/29/07	23:40	7869	1699.4375	6.1875	837.94
10/30/07	1:11	7960	1699.5000	6.2500	784.03
10/30/07	2:11	8020	1699.5625	6.3125	784.03
10/30/07	3:42	8111	1699.6250	6.3750	784.03
10/30/07	5:43	8232	1699.6875	6.4375	784.03
10/30/07	6:13	8262	1699.7500	6.5000	784.03
10/30/07	7:43	8352	1699.8125	6.5625	812.56
10/30/07	9:14	8443	1699.8750	6.6250	812.56
10/30/07	10:16	8505	1699.9375	6.6875	812.56
10/30/07	11:46	8595	1700.0000	6.7500	812.56
10/30/07	13:17	8686	1700.0625	6.8125	812.56
10/30/07	14:17	8745	1700.1250	6.8750	812.56
10/30/07	15:47	8836	1700.1875	6.9375	816.81
10/30/07	17:18	8927	1700.2500	7.0000	816.81
10/30/07	18:18	8986	1700.3125	7.0625	816.81
10/30/07	19:47	9076	1700.3750	7.1250	816.81
10/30/07	21:19	9168	1700.4375	7.1875	816.81
10/30/07	22:19	9227	1700.5000	7.2500	816.81
10/30/07	23:49	9317	1700.5625	7.3125	790.34
10/31/07	1:20	9409	1700.6250	7.3750	790.34
10/31/07	2:22	9471	1700.6875	7.4375	790.34
10/31/07	3:53	9562	1700.7500	7.5000	790.34
10/31/07	5:24	9653	1700.8125	7.5625	790.34

**PUMPAGE MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Totalizer (MG)	Total Amount Pumped(MG)	Instantaneous Pump Rate (gpm)
10/31/07	6:24	9713	1700.8750	7.6250	790.34
10/31/07	7:54	9803	1700.9375	7.6875	783.81
10/31/07	9:24	9893	1701.0000	7.7500	783.81
10/31/07	10:54	9983	1701.0625	7.8125	783.81
10/31/07	11:54	10043	1701.1250	7.8750	783.81
10/31/07	13:24	10133	1701.1875	7.9375	783.81
10/31/07	14:55	10224	1701.2500	8.0000	783.81
10/31/07	15:56	10285	1701.3125	8.0625	817.16
10/31/07	17:26	10375	1701.3750	8.1250	817.16
10/31/07	18:56	10465	1701.4375	8.1875	817.16
10/31/07	19:57	10526	1701.5000	8.2500	817.16
10/31/07	21:27	10616	1701.5625	8.3125	817.16
10/31/07	22:57	10706	1701.6250	8.3750	817.16
11/01/07	0:00	10769	1701.6875	8.4375	785.03
11/01/07	1:30	10859	1701.7500	8.5000	785.03
11/01/07	3:01	10950	1701.8125	8.5625	785.03
11/01/07	4:01	11010	1701.8750	8.6250	785.03
11/01/07	5:31	11100	1701.9375	8.6875	785.03
11/01/07	7:01	11190	1702.0000	8.7500	785.03
11/01/07	8:32	11281	1702.0625	8.8125	796.63
11/01/07	9:32	11341	1702.1250	8.8750	796.63
11/01/07	11:02	11431	1702.1875	8.9375	796.63
11/01/07	12:32	11521	1702.2500	9.0000	796.63
11/01/07	13:32	11581	1702.3125	9.0625	796.63
11/01/07	15:02	11671	1702.3750	9.1250	796.63
11/01/07	16:34	11763	1702.4375	9.1875	827.22
11/01/07	17:35	11824	1702.5000	9.2500	827.22
11/01/07	19:04	11913	1702.5625	9.3125	777.19
11/01/07	20:35	12004	1702.6250	9.3750	777.19
11/01/07	21:35	12064	1702.6875	9.4375	777.19
11/01/07	23:06	12155	1702.7500	9.5000	777.19
11/02/07	0:39	12248	1702.8125	9.5625	789.28
11/02/07	2:08	12337	1702.8750	9.6250	789.28
11/02/07	3:09	12398	1702.9375	9.6875	789.28
11/02/07	4:40	12489	1703.0000	9.7500	789.28
11/02/07	6:11	12580	1703.0625	9.8125	789.28
11/02/07	7:11	12640	1703.1250	9.8750	789.28
11/02/07	8:43	12732	1703.1875	9.9375	788.69
11/02/07	10:13	12822	1703.2500	10.0000	788.69
11/02/07	11:12	12881	1703.3125	10.0625	788.69
11/02/07	12:43	12972	1703.3750	10.1250	788.69
11/02/07	14:15	13064	1703.4375	10.1875	788.69

**PUMPAGE MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Totalizer (MG)	Total Amount Pumped(MG)	Instantaneous Pump Rate (gpm)
11/02/07	15:45	13154	1703.5000	10.2500	788.69
11/02/07	16:46	13215	1703.5625	10.3125	770.78
11/02/07	18:15	13304	1703.6250	10.3750	770.78
11/02/07	19:45	13394	1703.6875	10.4375	770.78
11/02/07	20:46	13455	1703.7500	10.5000	770.78
11/02/07	22:16	13545	1703.8125	10.5625	770.78
11/02/07	23:47	13636	1703.8750	10.6250	770.78
11/03/07	1:19	13727	1703.9375	10.6875	757.28
11/03/07	2:20	13789	1704.0000	10.7500	757.28
11/03/07	3:51	13880	1704.0625	10.8125	757.28
11/03/07	5:23	13972	1704.1250	10.8750	757.28
11/03/07	6:24	14033	1704.1875	10.9375	757.28
11/03/07	7:55	14124	1704.2500	11.0000	757.28
11/03/07	9:26	14215	1704.3125	11.0625	795.81
11/03/07	10:56	14305	1704.3750	11.1250	795.81
11/03/07	11:56	14365	1704.4375	11.1875	795.81
11/03/07	13:27	14456	1704.5000	11.2500	795.81
11/03/07	14:59	14548	1704.5625	11.3125	795.81
11/03/07	15:59	14608	1704.6250	11.3750	795.81
11/03/07	17:31	14700	1704.6875	11.4375	804.34
11/03/07	19:04	14793	1704.7500	11.5000	804.34
11/03/07	20:34	14883	1704.8125	11.5625	804.34
11/03/07	21:34	14943	1704.8750	11.6250	804.34
11/03/07	23:04	15032	1704.9375	11.6875	804.34
11/04/07	0:34	15123	1705.0000	11.7500	787.94
11/04/07	1:35	15183	1705.0625	11.8125	787.94
11/04/07	2:06	15215	1705.1250	11.8750	787.94
11/04/07	3:37	15306	1705.1875	11.9375	787.94
11/04/07	4:38	15367	1705.2500	12.0000	787.94
11/04/07	6:08	15457	1705.3125	12.0625	787.94
11/04/07	7:39	15548	1705.3750	12.1250	780.97
11/04/07	9:10	15639	1705.4375	12.1875	780.97
11/04/07	10:10	15699	1705.5000	12.2500	780.97
11/04/07	11:42	15791	1705.5625	12.3125	780.97
11/04/07	13:13	15882	1705.6250	12.3750	780.97
11/04/07	14:14	15943	1705.6875	12.4375	780.97
11/04/07	15:45	16034	1705.7500	12.5000	799.09
11/04/07	17:15	16124	1705.8125	12.5625	799.09
11/04/07	18:16	16185	1705.8750	12.6250	799.09
11/04/07	19:46	16275	1705.9375	12.6875	799.09
11/04/07	21:17	16366	1706.0000	12.7500	799.09
11/04/07	22:19	16427	1706.0625	12.8125	799.09

**PUMPAGE MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Pumping Time (min)	Totalizer (MG)	Total Amount Pumped(MG)	Instantaneous Pump Rate (gpm)
11/04/07	23:49	16518	1706.1250	12.8750	791.25
11/05/07	1:20	16609	1706.1875	12.9375	791.25
11/05/07	2:52	16700	1706.2500	13.0000	791.25
11/05/07	3:51	16760	1706.3125	13.0625	791.25
11/05/07	5:23	16852	1706.3750	13.1250	791.25
11/05/07	6:55	16944	1706.4375	13.1875	791.25
11/05/07	7:57	17006	1706.5000	13.2500	784.66
11/05/07	9:29	17098	1706.5625	13.3125	784.66
11/05/07	11:00	17189	1706.6250	13.3750	784.66
11/05/07	12:02	17251	1706.6875	13.4375	784.66
11/05/07	13:34	17343	1706.7500	13.5000	784.66
11/05/07	15:04	17433	1706.8125	13.5625	784.66
11/05/07	16:07	17496	1706.8750	13.6250	790.53
11/05/07	17:38	17587	1706.9375	13.6875	790.53
11/05/07	19:09	17678	1707.0000	13.7500	790.53
11/05/07	20:08	17737	1707.0625	13.8125	790.53
11/05/07	21:39	17828	1707.1250	13.8750	790.53
11/05/07	23:09	17918	1707.1875	13.9375	790.53
11/06/07	0:41	18010	1707.2500	14.0000	809.56
11/06/07	1:41	18070	1707.3125	14.0625	809.56
11/06/07	3:12	18161	1707.3750	14.1250	809.56
11/06/07	4:42	18251	1707.4375	14.1875	809.56
11/06/07	5:42	18311	1707.5000	14.2500	809.56
11/06/07	7:43	18432	1707.5625	14.3125	809.56
11/06/07	8:46	18495	1707.6250	14.3750	766.19
11/06/07	10:17	18586	1707.6875	14.4375	766.19
11/06/07	11:17	18645	1707.7500	14.5000	766.19
11/06/07	12:47	18736	1707.8125	14.5625	766.19
11/06/07	14:17	18825	1707.8750	14.6250	766.19
11/06/07	15:17	18886	1707.9375	14.6875	766.19
11/06/07	16:48	18977	1708.0000	14.7500	800.00
11/06/07	18:20	19069	1708.0625	14.8125	800.00
11/06/07	19:20	19129	1708.1250	14.8750	800.00
11/06/07	20:51	19220	1708.1875	14.9375	800.00
11/06/07	22:21	19310	1708.2500	15.0000	800.00
11/06/07	23:51	19400	1708.3125	15.0625	800.00
11/07/07	0:54	19463	1708.3750	15.1250	762.66
11/07/07	2:23	19552	1708.4375	15.1875	762.66
11/07/07	3:54	19643	1708.5000	15.2500	762.66
11/07/07	4:54	19703	1708.5625	15.3125	762.66
11/07/07	6:24	19793	1708.6250	15.3750	762.66
11/07/07	7:54	19883	1708.6875	15.4375	762.66

DRAWDOWN MEASUREMENTS FOR WELL NO. 1

Pumping Began: 10/24/2007 12:31
Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	12:31	0	-212.55
10/24/07	12:36	5	-212.55
10/24/07	12:41	10	-212.55
10/24/07	12:51	20	-212.55
10/24/07	13:01	30	-212.55
10/24/07	13:11	40	-212.55
10/24/07	13:21	50	-212.55
10/24/07	13:31	60	-212.55
10/24/07	13:41	70	-212.55
10/24/07	14:41	130	-212.55
10/24/07	15:41	190	-212.41
10/24/07	16:41	250	-212.69
10/24/07	17:41	310	-212.55
10/24/07	18:41	370	-212.41
10/24/07	19:41	430	-212.55
10/24/07	20:41	490	-212.55
10/24/07	21:41	550	-212.41
10/24/07	22:41	610	-212.41
10/24/07	23:41	670	-212.41
10/25/07	0:41	730	-212.41
10/25/07	1:41	790	-212.41
10/25/07	2:41	850	-212.41
10/25/07	3:41	910	-212.41
10/25/07	4:41	970	-212.41
10/25/07	5:41	1030	-212.27
10/25/07	6:41	1090	-212.27
10/25/07	7:41	1150	-212.27
10/25/07	8:41	1210	-212.27
10/25/07	9:41	1270	-212.27
10/25/07	10:41	1330	-212.27
10/25/07	11:41	1390	-212.27
10/25/07	12:41	1450	-212.27
10/25/07	13:41	1510	-212.13
10/25/07	14:41	1570	-212.27
10/25/07	15:41	1630	-212.13
10/25/07	16:41	1690	-212.27
10/25/07	17:41	1750	-212.13
10/25/07	18:41	1810	-212.27
10/25/07	19:41	1870	-212.13
10/25/07	20:41	1930	-212.13
10/25/07	21:41	1990	-212.13
10/25/07	22:41	2050	-212.13

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 1**

10/25/07	23:41	2110	-212.13
10/26/07	0:41	2170	-212.13
10/26/07	1:41	2230	-212.13
10/26/07	2:41	2290	-212.13
10/26/07	3:41	2350	-212.13
10/26/07	4:41	2410	-212.13
10/26/07	5:41	2470	-211.98
10/26/07	6:41	2530	-212.13
10/26/07	7:41	2590	-212.13
10/26/07	8:41	2650	-212.13
10/26/07	9:41	2710	-212.13
10/26/07	10:41	2770	-212.13
10/26/07	11:41	2830	-212.13
10/26/07	12:41	2890	-212.13
10/26/07	13:41	2950	-212.13
10/26/07	14:41	3010	-212.13
10/26/07	15:41	3070	-212.13
10/26/07	16:41	3130	-212.13
10/26/07	17:41	3190	-212.13
10/26/07	18:41	3250	-212.13
10/26/07	19:41	3310	-212.13
10/26/07	20:41	3370	-212.13
10/26/07	21:41	3430	-212.13
10/26/07	22:41	3490	-212.13
10/26/07	23:41	3550	-212.13
10/27/07	0:41	3610	-212.13
10/27/07	1:41	3670	-212.27
10/27/07	2:41	3730	-212.13
10/27/07	3:41	3790	-212.27
10/27/07	4:41	3850	-212.13
10/27/07	5:41	3910	-212.27
10/27/07	6:41	3970	-212.27
10/27/07	7:41	4030	-212.27
10/27/07	8:41	4090	-212.27
10/27/07	9:41	4150	-212.27
10/27/07	10:41	4210	-212.27
10/27/07	11:41	4270	-212.27
10/27/07	12:41	4330	-212.27
10/27/07	13:41	4390	-212.27
10/27/07	14:41	4450	-212.27
10/27/07	15:41	4510	-212.27
10/27/07	16:41	4570	-212.27
10/27/07	17:41	4630	-212.27
10/27/07	18:41	4690	-212.27
10/27/07	19:41	4750	-212.27
10/27/07	20:41	4810	-212.41
10/27/07	21:41	4870	-212.41
10/27/07	22:41	4930	-212.27

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 1**

10/27/07	23:41	4990	-212.27
10/28/07	0:41	5050	-212.27
10/28/07	1:41	5110	-212.41
10/28/07	2:41	5170	-212.27
10/28/07	3:41	5230	-212.27
10/28/07	4:41	5290	-212.27
10/28/07	5:41	5350	-212.27
10/28/07	6:41	5410	-212.27
10/28/07	7:41	5470	-212.27
10/28/07	8:41	5530	-212.27
10/28/07	9:41	5590	-212.27
10/28/07	10:41	5650	-212.41
10/28/07	11:41	5710	-212.41
10/28/07	12:41	5770	-212.27
10/28/07	13:41	5830	-212.27
10/28/07	14:41	5890	-212.27
10/28/07	15:41	5950	-212.27
10/28/07	16:41	6010	-212.27
10/28/07	17:41	6070	-212.27
10/28/07	18:41	6130	-212.27
10/28/07	19:41	6190	-212.27
10/28/07	20:41	6250	-212.27
10/28/07	21:41	6310	-212.27
10/28/07	22:41	6370	-212.27
10/28/07	23:41	6430	-212.27
10/29/07	0:41	6490	-212.27
10/29/07	1:41	6550	-212.27
10/29/07	2:41	6610	-212.27
10/29/07	3:41	6670	-212.13
10/29/07	4:41	6730	-212.27
10/29/07	5:41	6790	-212.27
10/29/07	6:41	6850	-212.27
10/29/07	7:41	6910	-212.27
10/29/07	8:41	6970	-212.27
10/29/07	9:41	7030	-212.13
10/29/07	10:41	7090	-212.13
10/29/07	11:41	7150	-212.13
10/29/07	12:41	7210	-212.13
10/29/07	13:41	7270	-212.13
10/29/07	14:41	7330	-212.13
10/29/07	15:41	7390	-212.13
10/29/07	16:41	7450	-212.13
10/29/07	17:41	7510	-212.13
10/29/07	18:41	7570	-211.98
10/29/07	19:41	7630	-211.98
10/29/07	20:41	7690	-212.13
10/29/07	21:41	7750	-212.13
10/29/07	22:41	7810	-212.13

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 1**

10/29/07	23:41	7870	-212.13
10/30/07	0:41	7930	-212.13
10/30/07	1:41	7990	-211.98
10/30/07	2:41	8050	-212.13
10/30/07	3:41	8110	-211.98
10/30/07	4:41	8170	-211.98
10/30/07	5:41	8230	-211.98
10/30/07	6:41	8290	-212.13
10/30/07	7:41	8350	-211.98
10/30/07	8:41	8410	-212.13
10/30/07	9:41	8470	-212.13
10/30/07	10:41	8530	-212.13
10/30/07	11:41	8590	-212.13
10/30/07	12:41	8650	-212.13
10/30/07	13:41	8710	-212.13
10/30/07	14:41	8770	-212.13
10/30/07	15:41	8830	-212.13
10/30/07	16:41	8890	-212.13
10/30/07	17:41	8950	-212.13
10/30/07	18:41	9010	-212.13
10/30/07	19:41	9070	-212.13
10/30/07	20:41	9130	-212.13
10/30/07	21:41	9190	-212.13
10/30/07	22:41	9250	-212.13
10/30/07	23:41	9310	-212.13
10/31/07	0:41	9370	-212.13
10/31/07	1:41	9430	-212.13
10/31/07	2:41	9490	-212.13
10/31/07	3:41	9550	-212.13
10/31/07	4:41	9610	-212.13
10/31/07	5:41	9670	-212.13
10/31/07	6:41	9730	-212.13
10/31/07	7:41	9790	-212.13
10/31/07	8:41	9850	-212.13
10/31/07	9:41	9910	-212.13
10/31/07	10:41	9970	-212.13
10/31/07	11:41	10030	-212.13
10/31/07	12:41	10090	-212.13
10/31/07	13:41	10150	-212.27
10/31/07	14:41	10210	-212.13
10/31/07	15:41	10270	-212.13
10/31/07	16:41	10330	-212.13
10/31/07	17:41	10390	-212.13
10/31/07	18:41	10450	-212.13
10/31/07	19:41	10510	-212.13
10/31/07	20:41	10570	-212.13
10/31/07	21:41	10630	-212.13
10/31/07	22:41	10690	-212.27

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 1**

10/31/07	23:41	10750	-212.13
11/01/07	0:41	10810	-212.13
11/01/07	1:41	10870	-212.13
11/01/07	2:41	10930	-212.13
11/01/07	3:41	10990	-212.13
11/01/07	4:41	11050	-212.13
11/01/07	5:41	11110	-212.13
11/01/07	6:41	11170	-212.13
11/01/07	7:41	11230	-212.13
11/01/07	8:41	11290	-212.13
11/01/07	9:41	11350	-212.13
11/01/07	10:41	11410	-212.27
11/01/07	11:41	11470	-212.27
11/01/07	12:41	11530	-212.13
11/01/07	13:41	11590	-212.13
11/01/07	14:41	11650	-212.13
11/01/07	15:41	11710	-212.13
11/01/07	16:41	11770	-212.27
11/01/07	17:41	11830	-212.13
11/01/07	18:41	11890	-212.13
11/01/07	19:41	11950	-212.13
11/01/07	20:41	12010	-212.13
11/01/07	21:41	12070	-212.13
11/01/07	22:41	12130	-212.27
11/01/07	23:41	12190	-212.13
11/02/07	0:41	12250	-212.13
11/02/07	1:41	12310	-212.13
11/02/07	2:41	12370	-212.27
11/02/07	3:41	12430	-212.27
11/02/07	4:41	12490	-212.13
11/02/07	5:41	12550	-212.27
11/02/07	6:41	12610	-212.27
11/02/07	7:41	12670	-212.27
11/02/07	8:41	12730	-212.27
11/02/07	9:41	12790	-212.27
11/02/07	10:41	12850	-212.27
11/02/07	11:41	12910	-212.27
11/02/07	12:41	12970	-212.27
11/02/07	13:41	13030	-212.27
11/02/07	14:41	13090	-212.13
11/02/07	15:41	13150	-212.27
11/02/07	16:41	13210	-212.27
11/02/07	17:41	13270	-212.27
11/02/07	18:41	13330	-212.27
11/02/07	19:41	13390	-212.27
11/02/07	20:41	13450	-212.27
11/02/07	21:41	13510	-212.27
11/02/07	22:41	13570	-212.27

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 1**

11/02/07	23:41	13630	-212.27
11/03/07	0:41	13690	-212.27
11/03/07	1:41	13750	-212.27
11/03/07	2:41	13810	-212.27
11/03/07	3:41	13870	-212.41
11/03/07	4:41	13930	-212.27
11/03/07	5:41	13990	-212.41
11/03/07	6:41	14050	-212.41
11/03/07	7:41	14110	-212.41
11/03/07	8:41	14170	-212.41
11/03/07	9:41	14230	-212.41
11/03/07	10:41	14290	-212.41
11/03/07	11:41	14350	-212.41
11/03/07	12:41	14410	-212.41
11/03/07	13:41	14470	-212.27
11/03/07	14:41	14530	-212.27
11/03/07	15:41	14590	-212.27
11/03/07	16:41	14650	-212.27
11/03/07	17:41	14710	-212.27
11/03/07	18:41	14770	-212.27
11/03/07	19:41	14830	-212.27
11/03/07	20:41	14890	-212.27
11/03/07	21:41	14950	-212.41
11/03/07	22:41	15010	-212.27
11/03/07	23:41	15070	-212.41
11/04/07	0:41	15130	-212.41
11/04/07	1:41	15190	-212.27
11/04/07	1:41	15190	-212.41
11/04/07	2:41	15250	-212.27
11/04/07	3:41	15310	-212.27
11/04/07	4:41	15370	-212.27
11/04/07	5:41	15430	-212.41
11/04/07	6:41	15490	-212.27
11/04/07	7:41	15550	-212.41
11/04/07	8:41	15610	-212.41
11/04/07	9:41	15670	-212.27
11/04/07	10:41	15730	-212.27
11/04/07	11:41	15790	-212.27
11/04/07	12:41	15850	-212.27
11/04/07	13:41	15910	-212.27
11/04/07	14:41	15970	-212.27
11/04/07	15:41	16030	-212.27
11/04/07	16:41	16090	-212.27
11/04/07	17:41	16150	-212.27
11/04/07	18:41	16210	-212.27
11/04/07	19:41	16270	-212.27
11/04/07	20:41	16330	-212.27
11/04/07	21:41	16390	-212.27

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 1**

11/04/07	22:41	16450	-212.27
11/04/07	23:41	16510	-212.27
11/05/07	0:41	16570	-212.27
11/05/07	1:41	16630	-212.27
11/05/07	2:41	16690	-212.27
11/05/07	3:41	16750	-212.27
11/05/07	4:41	16810	-212.27
11/05/07	5:41	16870	-212.27
11/05/07	6:41	16930	-212.27
11/05/07	7:41	16990	-212.27
11/05/07	8:41	17050	-212.27
11/05/07	9:41	17110	-212.27
11/05/07	10:41	17170	-212.27
11/05/07	11:41	17230	-212.27
11/05/07	12:41	17290	-212.27
11/05/07	13:41	17350	-212.27
11/05/07	14:41	17410	-212.27
11/05/07	15:41	17470	-212.13
11/05/07	16:41	17530	-212.27
11/05/07	17:41	17590	-212.27
11/05/07	18:41	17650	-212.41
11/05/07	19:41	17710	-212.27
11/05/07	20:41	17770	-212.27
11/05/07	21:41	17830	-212.27
11/05/07	22:41	17890	-212.27
11/05/07	23:41	17950	-212.27
11/06/07	0:41	18010	-212.27
11/06/07	1:41	18070	-212.27
11/06/07	2:41	18130	-212.27
11/06/07	3:41	18190	-212.27
11/06/07	4:41	18250	-212.27
11/06/07	5:41	18310	-212.27
11/06/07	6:41	18370	-212.27
11/06/07	7:41	18430	-212.27
11/06/07	8:41	18490	-212.27
11/06/07	9:41	18550	-212.27
11/06/07	10:41	18610	-212.27
11/06/07	11:41	18670	-212.27
11/06/07	12:41	18730	-212.27
11/06/07	13:41	18790	-212.27
11/06/07	14:41	18850	-212.27
11/06/07	15:41	18910	-212.27
11/06/07	16:41	18970	-212.27
11/06/07	17:41	19030	-212.27
11/06/07	18:41	19090	-212.27
11/06/07	19:41	19150	-212.27
11/06/07	20:41	19210	-212.27
11/06/07	21:41	19270	-212.27

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 1**

11/06/07	22:41	19330	-212.27
11/06/07	23:41	19390	-212.41
11/07/07	0:41	19450	-212.41
11/07/07	1:41	19510	-212.41
11/07/07	2:41	19570	-212.41
11/07/07	3:41	19630	-212.27
11/07/07	4:41	19690	-212.41
11/07/07	5:41	19750	-212.55
11/07/07	6:41	19810	-212.27
11/07/07	7:41	19870	-212.41
11/07/07	8:31	19920	-212.41

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

Pumping Began: 10/24/2007 12:31
Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	12:31	0	-382.58
10/24/07	12:36	5	-382.58
10/24/07	12:41	10	-382.58
10/24/07	12:51	20	-382.61
10/24/07	13:01	30	-382.63
10/24/07	13:11	40	-382.66
10/24/07	13:21	50	-382.67
10/24/07	13:31	60	-382.69
10/24/07	13:41	70	-382.69
10/24/07	14:41	130	-382.75
10/24/07	15:41	190	-382.86
10/24/07	16:41	250	-382.92
10/24/07	17:41	310	-382.97
10/24/07	18:41	370	-383.06
10/24/07	19:41	430	-383.11
10/24/07	20:41	490	-378.13
10/24/07	21:41	550	-378.02
10/24/07	22:41	610	-377.89
10/24/07	23:41	670	-377.84
10/25/07	0:41	730	-377.78
10/25/07	1:41	790	-377.78
10/25/07	2:41	850	-377.73
10/25/07	3:41	910	-377.73
10/25/07	4:41	970	-377.67
10/25/07	5:41	1030	-377.67
10/25/07	6:41	1090	-377.61
10/25/07	7:41	1150	-377.61
10/25/07	8:41	1210	-377.61
10/25/07	9:41	1270	-377.56
10/25/07	10:41	1330	-377.56
10/25/07	11:41	1390	-377.56
10/25/07	12:41	1450	-377.53
10/25/07	13:41	1510	-377.50
10/25/07	14:41	1570	-382.17
10/25/07	15:41	1630	-382.47
10/25/07	16:41	1690	-377.78
10/25/07	17:41	1750	-377.61
10/25/07	18:41	1810	-377.59
10/25/07	19:41	1870	-377.56
10/25/07	20:41	1930	-377.56
10/25/07	21:41	1990	-377.50
10/25/07	22:41	2050	-377.50

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

10/25/07	23:41	2110	-377.50
10/26/07	0:41	2170	-377.44
10/26/07	1:41	2230	-377.44
10/26/07	2:41	2290	-377.39
10/26/07	3:41	2350	-377.39
10/26/07	4:41	2410	-377.39
10/26/07	5:41	2470	-377.39
10/26/07	6:41	2530	-377.39
10/26/07	7:41	2590	-377.39
10/26/07	8:41	2650	-377.39
10/26/07	9:41	2710	-377.39
10/26/07	10:41	2770	-377.39
10/26/07	11:41	2830	-377.39
10/26/07	12:41	2890	-377.39
10/26/07	13:41	2950	-377.39
10/26/07	14:41	3010	-377.39
10/26/07	15:41	3070	-377.39
10/26/07	16:41	3130	-377.39
10/26/07	17:41	3190	-377.39
10/26/07	18:41	3250	-377.39
10/26/07	19:41	3310	-377.39
10/26/07	20:41	3370	-377.42
10/26/07	21:41	3430	-377.42
10/26/07	22:41	3490	-377.42
10/26/07	23:41	3550	-377.42
10/27/07	0:41	3610	-377.42
10/27/07	1:41	3670	-377.42
10/27/07	2:41	3730	-377.42
10/27/07	3:41	3790	-377.42
10/27/07	4:41	3850	-377.42
10/27/07	5:41	3910	-377.42
10/27/07	6:41	3970	-377.47
10/27/07	7:41	4030	-377.47
10/27/07	8:41	4090	-377.47
10/27/07	9:41	4150	-377.47
10/27/07	10:41	4210	-377.47
10/27/07	11:41	4270	-377.47
10/27/07	12:41	4330	-377.47
10/27/07	13:41	4390	-377.47
10/27/07	14:41	4450	-377.47
10/27/07	15:41	4510	-377.47
10/27/07	16:41	4570	-377.47
10/27/07	17:41	4630	-377.47
10/27/07	18:41	4690	-377.47
10/27/07	19:41	4750	-377.47
10/27/07	20:41	4810	-377.48
10/27/07	21:41	4870	-377.53
10/27/07	22:41	4930	-377.53

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

10/27/07	23:41	4990	-377.53
10/28/07	0:41	5050	-377.53
10/28/07	1:41	5110	-377.53
10/28/07	2:41	5170	-377.53
10/28/07	3:41	5230	-377.53
10/28/07	4:41	5290	-377.53
10/28/07	5:41	5350	-377.53
10/28/07	6:41	5410	-377.53
10/28/07	7:41	5470	-377.53
10/28/07	8:41	5530	-377.53
10/28/07	9:41	5590	-377.53
10/28/07	10:41	5650	-377.53
10/28/07	11:41	5710	-382.36
10/28/07	12:41	5770	-382.63
10/28/07	13:41	5830	-382.75
10/28/07	14:41	5890	-382.80
10/28/07	15:41	5950	-382.89
10/28/07	16:41	6010	-382.97
10/28/07	17:41	6070	-383.03
10/28/07	18:41	6130	-383.06
10/28/07	19:41	6190	-378.13
10/28/07	20:41	6250	-378.02
10/28/07	21:41	6310	-377.89
10/28/07	22:41	6370	-377.84
10/28/07	23:41	6430	-377.84
10/29/07	0:41	6490	-377.78
10/29/07	1:41	6550	-377.78
10/29/07	2:41	6610	-377.73
10/29/07	3:41	6670	-377.73
10/29/07	4:41	6730	-377.67
10/29/07	5:41	6790	-377.67
10/29/07	6:41	6850	-377.67
10/29/07	7:41	6910	-377.61
10/29/07	8:41	6970	-377.61
10/29/07	9:41	7030	-377.61
10/29/07	10:41	7090	-377.61
10/29/07	11:41	7150	-377.56
10/29/07	12:41	7210	-377.56
10/29/07	13:41	7270	-377.56
10/29/07	14:41	7330	-377.50
10/29/07	15:41	7390	-377.44
10/29/07	16:41	7450	-377.44
10/29/07	17:41	7510	-377.44
10/29/07	18:41	7570	-377.44
10/29/07	19:41	7630	-377.44
10/29/07	20:41	7690	-377.44
10/29/07	21:41	7750	-377.44
10/29/07	22:41	7810	-377.44

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

10/29/07	23:41	7870	-377.44
10/30/07	0:41	7930	-377.39
10/30/07	1:41	7990	-377.39
10/30/07	2:41	8050	-377.39
10/30/07	3:41	8110	-377.39
10/30/07	4:41	8170	-377.39
10/30/07	5:41	8230	-377.39
10/30/07	6:41	8290	-377.39
10/30/07	7:41	8350	-377.39
10/30/07	8:41	8410	-377.39
10/30/07	9:41	8470	-377.39
10/30/07	10:41	8530	-377.39
10/30/07	11:41	8590	-377.39
10/30/07	12:41	8650	-377.39
10/30/07	13:41	8710	-377.39
10/30/07	14:41	8770	-377.64
10/30/07	15:41	8830	-377.39
10/30/07	16:41	8890	-377.39
10/30/07	17:41	8950	-377.39
10/30/07	18:41	9010	-377.39
10/30/07	19:41	9070	-377.39
10/30/07	20:41	9130	-377.42
10/30/07	21:41	9190	-377.42
10/30/07	22:41	9250	-377.42
10/30/07	23:41	9310	-377.42
10/31/07	0:41	9370	-377.42
10/31/07	1:41	9430	-377.42
10/31/07	2:41	9490	-377.42
10/31/07	3:41	9550	-377.42
10/31/07	4:41	9610	-377.42
10/31/07	5:41	9670	-377.42
10/31/07	6:41	9730	-377.42
10/31/07	7:41	9790	-377.42
10/31/07	8:41	9850	-377.42
10/31/07	9:41	9910	-377.42
10/31/07	10:41	9970	-377.42
10/31/07	11:41	10030	-377.42
10/31/07	12:41	10090	-377.42
10/31/07	13:41	10150	-377.42
10/31/07	14:41	10210	-377.42
10/31/07	15:41	10270	-377.39
10/31/07	16:41	10330	-377.39
10/31/07	17:41	10390	-377.39
10/31/07	18:41	10450	-377.39
10/31/07	19:41	10510	-377.39
10/31/07	20:41	10570	-377.42
10/31/07	21:41	10630	-377.42
10/31/07	22:41	10690	-377.42

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

10/31/07	23:41	10750	-377.42
11/01/07	0:41	10810	-377.42
11/01/07	1:41	10870	-377.42
11/01/07	2:41	10930	-377.39
11/01/07	3:41	10990	-377.39
11/01/07	4:41	11050	-377.39
11/01/07	5:41	11110	-377.39
11/01/07	6:41	11170	-377.39
11/01/07	7:41	11230	-377.39
11/01/07	8:41	11290	-377.39
11/01/07	9:41	11350	-377.39
11/01/07	10:41	11410	-377.39
11/01/07	11:41	11470	-377.39
11/01/07	12:41	11530	-377.64
11/01/07	13:41	11590	-377.33
11/01/07	14:41	11650	-377.33
11/01/07	15:41	11710	-377.33
11/01/07	16:41	11770	-377.33
11/01/07	17:41	11830	-377.33
11/01/07	18:41	11890	-377.33
11/01/07	19:41	11950	-377.33
11/01/07	20:41	12010	-377.33
11/01/07	21:41	12070	-377.36
11/01/07	22:41	12130	-377.36
11/01/07	23:41	12190	-377.36
11/02/07	0:41	12250	-377.36
11/02/07	1:41	12310	-377.36
11/02/07	2:41	12370	-377.36
11/02/07	3:41	12430	-377.36
11/02/07	4:41	12490	-377.36
11/02/07	5:41	12550	-377.36
11/02/07	6:41	12610	-377.36
11/02/07	7:41	12670	-377.36
11/02/07	8:41	12730	-377.36
11/02/07	9:41	12790	-377.36
11/02/07	10:41	12850	-377.36
11/02/07	11:41	12910	-377.36
11/02/07	12:41	12970	-377.36
11/02/07	13:41	13030	-377.36
11/02/07	14:41	13090	-377.36
11/02/07	15:41	13150	-377.36
11/02/07	16:41	13210	-377.36
11/02/07	17:41	13270	-377.36
11/02/07	18:41	13330	-377.36
11/02/07	19:41	13390	-377.38
11/02/07	20:41	13450	-377.42
11/02/07	21:41	13510	-377.42
11/02/07	22:41	13570	-377.42

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

11/02/07	23:41	13630	-377.42
11/03/07	0:41	13690	-377.50
11/03/07	1:41	13750	-377.50
11/03/07	2:41	13810	-377.50
11/03/07	3:41	13870	-377.50
11/03/07	4:41	13930	-377.44
11/03/07	5:41	13990	-377.44
11/03/07	6:41	14050	-377.44
11/03/07	7:41	14110	-377.44
11/03/07	8:41	14170	-377.44
11/03/07	9:41	14230	-377.44
11/03/07	10:41	14290	-377.44
11/03/07	11:41	14350	-377.44
11/03/07	12:41	14410	-377.44
11/03/07	13:41	14470	-377.44
11/03/07	14:41	14530	-377.44
11/03/07	15:41	14590	-377.44
11/03/07	16:41	14650	-377.44
11/03/07	17:41	14710	-377.42
11/03/07	18:41	14770	-377.39
11/03/07	19:41	14830	-377.39
11/03/07	20:41	14890	-377.39
11/03/07	21:41	14950	-377.39
11/03/07	22:41	15010	-377.39
11/03/07	23:41	15070	-377.41
11/04/07	0:41	15130	-377.41
11/04/07	1:41	15190	-377.39
11/04/07	1:41	15190	-377.39
11/04/07	2:41	15250	-377.39
11/04/07	3:41	15310	-377.39
11/04/07	4:41	15370	-377.39
11/04/07	5:41	15430	-377.39
11/04/07	6:41	15490	-377.39
11/04/07	7:41	15550	-377.39
11/04/07	8:41	15610	-377.39
11/04/07	9:41	15670	-377.39
11/04/07	10:41	15730	-377.39
11/04/07	11:41	15790	-377.39
11/04/07	12:41	15850	-377.33
11/04/07	13:41	15910	-377.33
11/04/07	14:41	15970	-377.33
11/04/07	15:41	16030	-377.27
11/04/07	16:41	16090	-377.27
11/04/07	17:41	16150	-377.27
11/04/07	18:41	16210	-377.27
11/04/07	19:41	16270	-377.27
11/04/07	20:41	16330	-377.27
11/04/07	21:41	16390	-377.30

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

11/04/07	22:41	16450	-377.30
11/04/07	23:41	16510	-377.30
11/05/07	0:41	16570	-377.30
11/05/07	1:41	16630	-377.30
11/05/07	2:41	16690	-377.30
11/05/07	3:41	16750	-377.30
11/05/07	4:41	16810	-377.33
11/05/07	5:41	16870	-377.33
11/05/07	6:41	16930	-377.33
11/05/07	7:41	16990	-377.33
11/05/07	8:41	17050	-377.33
11/05/07	9:41	17110	-377.33
11/05/07	10:41	17170	-377.33
11/05/07	11:41	17230	-377.27
11/05/07	12:41	17290	-377.27
11/05/07	13:41	17350	-377.25
11/05/07	14:41	17410	-377.22
11/05/07	15:41	17470	-377.22
11/05/07	16:41	17530	-377.22
11/05/07	17:41	17590	-377.22
11/05/07	18:41	17650	-377.27
11/05/07	19:41	17710	-377.27
11/05/07	20:41	17770	-377.27
11/05/07	21:41	17830	-377.27
11/05/07	22:41	17890	-377.27
11/05/07	23:41	17950	-377.27
11/06/07	0:41	18010	-377.27
11/06/07	1:41	18070	-377.25
11/06/07	2:41	18130	-377.22
11/06/07	3:41	18190	-377.22
11/06/07	4:41	18250	-377.22
11/06/07	5:41	18310	-377.22
11/06/07	6:41	18370	-377.22
11/06/07	7:41	18430	-377.22
11/06/07	8:41	18490	-377.25
11/06/07	9:41	18550	-377.25
11/06/07	10:41	18610	-377.25
11/06/07	11:41	18670	-377.23
11/06/07	12:41	18730	-377.22
11/06/07	13:41	18790	-377.22
11/06/07	14:41	18850	-377.22
11/06/07	15:41	18910	-377.22
11/06/07	16:41	18970	-377.22
11/06/07	17:41	19030	-377.22
11/06/07	18:41	19090	-377.22
11/06/07	19:41	19150	-377.22
11/06/07	20:41	19210	-377.27
11/06/07	21:41	19270	-377.27

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 17**

11/06/07	22:41	19330	-377.27
11/06/07	23:41	19390	-377.27
11/07/07	0:41	19450	-377.27
11/07/07	1:41	19510	-377.27
11/07/07	2:41	19570	-377.27
11/07/07	3:41	19630	-377.27
11/07/07	4:41	19690	-377.27
11/07/07	5:41	19750	-377.27
11/07/07	6:41	19810	-377.27
11/07/07	7:41	19870	-377.27
11/07/07	8:31	19920	-377.27

DRAWDOWN MEASUREMENTS FOR WELL NO. 22

Pumping Began: 10/24/2007 12:31
Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	12:31	0	-76.85
10/25/07	10:41	1330	-76.99
10/26/07	9:41	2710	-77.12
10/27/07	9:41	4150	-77.27
10/28/07	10:41	5650	-77.43
10/29/07	9:41	7030	-77.56
10/30/07	9:41	8470	-77.7
10/31/07	8:41	9850	-77.82
11/01/07	7:41	11230	-77.81
11/02/07	10:41	12850	-78.1
11/03/07	10:41	14290	-78.25
11/04/07	12:41	15850	-78.26
11/05/07	11:41	17230	-78.53
11/06/07	8:41	18490	-78.56
11/07/07	8:31	19920	-78.81

* Well 22 is not equipped with a transducer data was acquired on a once daily basis

**DRAWDOWN MEASUREMENTS
FOR WELL NO. B-3**

Pumping Began: 10/24/2007 12:31
Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	12:31	0	18.15
10/25/07	10:41	1330	18.16
10/26/07	9:41	2710	18.16
10/27/07	9:41	4150	18.22
10/28/07	10:41	5650	18.29
10/29/07	9:41	7030	18.25
10/30/07	9:41	8470	18.22
10/31/07	8:41	9850	18.23
11/01/07	7:41	11230	18.22
11/02/07	10:41	12850	18.25
11/03/07	10:41	14290	18.35
11/04/07	12:41	15850	18.33
11/05/07	11:41	17230	18.33
11/06/07	8:41	18490	18.31
11/07/07	8:31	19920	18.35

* Well B-3 is not equipped with a transducer data was acquired on a once daily basis

DRAWDOWN MEASUREMENTS FOR WELL NO. 23

Pumping Began: 10/24/2007 12:31
Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Pumping Time (min)	Depth to Water(ft)
10/24/07	12:31	0	-16.26
10/24/07	12:36	5	-16.26
10/24/07	12:41	10	-16.26
10/24/07	12:51	20	-16.28
10/24/07	13:01	30	-16.28
10/24/07	13:11	40	-16.28
10/24/07	13:21	50	-16.28
10/24/07	13:31	60	-16.29
10/24/07	13:41	70	-16.31
10/24/07	14:41	130	-16.31
10/24/07	15:41	190	-16.31
10/24/07	16:41	250	-16.31
10/24/07	17:41	310	-16.29
10/24/07	18:41	370	-16.29
10/24/07	19:41	430	-16.29
10/24/07	20:41	490	-16.28
10/24/07	21:41	550	-16.26
10/24/07	22:41	610	-16.26
10/24/07	23:41	670	-16.28
10/25/07	0:41	730	-16.29
10/25/07	1:41	790	-16.29
10/25/07	2:41	850	-16.31
10/25/07	3:41	910	-16.33
10/25/07	4:41	970	-16.33
10/25/07	5:41	1030	-16.33
10/25/07	6:41	1090	-16.35
10/25/07	7:41	1150	-16.37
10/25/07	8:41	1210	-16.37
10/25/07	9:41	1270	-16.37
10/25/07	10:41	1330	-16.37
10/25/07	11:41	1390	-16.37
10/25/07	12:41	1450	-16.39
10/25/07	13:41	1510	-16.43
10/25/07	14:41	1570	-16.45
10/25/07	15:41	1630	-16.45
10/25/07	16:41	1690	-16.45
10/25/07	17:41	1750	-16.45
10/25/07	18:41	1810	-16.46
10/25/07	19:41	1870	-16.45
10/25/07	20:41	1930	-16.46
10/25/07	21:41	1990	-16.43
10/25/07	22:41	2050	-16.45

Prepared by
Clay Murray
MCWD
3/19/2008

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 23**

10/25/07	23:41	2110	-16.45
10/26/07	0:41	2170	-16.45
10/26/07	1:41	2230	-16.46
10/26/07	2:41	2290	-16.46
10/26/07	3:41	2350	-16.50
10/26/07	4:41	2410	-16.50
10/26/07	5:41	2470	-16.50
10/26/07	6:41	2530	-16.50
10/26/07	7:41	2590	-16.48
10/26/07	8:41	2650	-16.46
10/26/07	9:41	2710	-16.45
10/26/07	10:41	2770	-16.43
10/26/07	11:41	2830	-16.46
10/26/07	12:41	2890	-16.45
10/26/07	13:41	2950	-16.46
10/26/07	14:41	3010	-16.46
10/26/07	15:41	3070	-16.46
10/26/07	16:41	3130	-16.46
10/26/07	17:41	3190	-16.45
10/26/07	18:41	3250	-16.43
10/26/07	19:41	3310	-16.39
10/26/07	20:41	3370	-16.37
10/26/07	21:41	3430	-16.33
10/26/07	22:41	3490	-16.35
10/26/07	23:41	3550	-16.31
10/27/07	0:41	3610	-16.29
10/27/07	1:41	3670	-16.26
10/27/07	2:41	3730	-16.26
10/27/07	3:41	3790	-16.26
10/27/07	4:41	3850	-16.24
10/27/07	5:41	3910	-16.20
10/27/07	6:41	3970	-16.18
10/27/07	7:41	4030	-16.16
10/27/07	8:41	4090	-16.10
10/27/07	9:41	4150	-16.10
10/27/07	10:41	4210	-16.09
10/27/07	11:41	4270	-16.09
10/27/07	12:41	4330	-16.09
10/27/07	13:41	4390	-16.10
10/27/07	14:41	4450	-16.09
10/27/07	15:41	4510	-16.07
10/27/07	16:41	4570	-16.05
10/27/07	17:41	4630	-16.01
10/27/07	18:41	4690	-16.01
10/27/07	19:41	4750	-15.99
10/27/07	20:41	4810	-15.93
10/27/07	21:41	4870	-15.93
10/27/07	22:41	4930	-15.90

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 23**

10/27/07	23:41	4990	-15.90
10/28/07	0:41	5050	-15.90
10/28/07	1:41	5110	-15.88
10/28/07	2:41	5170	-15.86
10/28/07	3:41	5230	-15.86
10/28/07	4:41	5290	-15.88
10/28/07	5:41	5350	-15.84
10/28/07	6:41	5410	-15.82
10/28/07	7:41	5470	-15.80
10/28/07	8:41	5530	-15.76
10/28/07	9:41	5590	-15.78
10/28/07	10:41	5650	-15.76
10/28/07	11:41	5710	-15.74
10/28/07	12:41	5770	-15.74
10/28/07	13:41	5830	-15.74
10/28/07	14:41	5890	-15.76
10/28/07	15:41	5950	-15.74
10/28/07	16:41	6010	-15.74
10/28/07	17:41	6070	-15.74
10/28/07	18:41	6130	-15.73
10/28/07	19:41	6190	-15.73
10/28/07	20:41	6250	-15.71
10/28/07	21:41	6310	-15.71
10/28/07	22:41	6370	-15.69
10/28/07	23:41	6430	-15.69
10/29/07	0:41	6490	-15.69
10/29/07	1:41	6550	-15.69
10/29/07	2:41	6610	-15.69
10/29/07	3:41	6670	-15.71
10/29/07	4:41	6730	-15.71
10/29/07	5:41	6790	-15.73
10/29/07	6:41	6850	-15.71
10/29/07	7:41	6910	-15.71
10/29/07	8:41	6970	-15.69
10/29/07	9:41	7030	-15.73
10/29/07	10:41	7090	-15.71
10/29/07	11:41	7150	-15.71
10/29/07	12:41	7210	-15.73
10/29/07	13:41	7270	-15.73
10/29/07	14:41	7330	-15.74
10/29/07	15:41	7390	-15.80
10/29/07	16:41	7450	-15.78
10/29/07	17:41	7510	-15.76
10/29/07	18:41	7570	-15.76
10/29/07	19:41	7630	-15.76
10/29/07	20:41	7690	-15.76
10/29/07	21:41	7750	-15.69
10/29/07	22:41	7810	-15.67

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 23**

10/29/07	23:41	7870	-15.69
10/30/07	0:41	7930	-15.69
10/30/07	1:41	7990	-15.67
10/30/07	2:41	8050	-15.69
10/30/07	3:41	8110	-15.67
10/30/07	4:41	8170	-15.65
10/30/07	5:41	8230	-15.63
10/30/07	6:41	8290	-15.61
10/30/07	7:41	8350	-15.59
10/30/07	8:41	8410	-15.57
10/30/07	9:41	8470	-15.54
10/30/07	10:41	8530	-15.52
10/30/07	11:41	8590	-15.52
10/30/07	12:41	8650	-15.52
10/30/07	13:41	8710	-15.52
10/30/07	14:41	8770	-15.50
10/30/07	15:41	8830	-15.50
10/30/07	16:41	8890	-15.48
10/30/07	17:41	8950	-15.48
10/30/07	18:41	9010	-15.44
10/30/07	19:41	9070	-15.42
10/30/07	20:41	9130	-15.38
10/30/07	21:41	9190	-15.37
10/30/07	22:41	9250	-15.37
10/30/07	23:41	9310	-15.35
10/31/07	0:41	9370	-15.35
10/31/07	1:41	9430	-15.33
10/31/07	2:41	9490	-15.33
10/31/07	3:41	9550	-15.33
10/31/07	4:41	9610	-15.37
10/31/07	5:41	9670	-15.33
10/31/07	6:41	9730	-15.33
10/31/07	7:41	9790	-15.33
10/31/07	8:41	9850	-15.33
10/31/07	9:41	9910	-15.31
10/31/07	10:41	9970	-15.29
10/31/07	11:41	10030	-15.29
10/31/07	12:41	10090	-15.31
10/31/07	13:41	10150	-15.35
10/31/07	14:41	10210	-15.35
10/31/07	15:41	10270	-15.35
10/31/07	16:41	10330	-15.35
10/31/07	17:41	10390	-15.33
10/31/07	18:41	10450	-15.31
10/31/07	19:41	10510	-15.31
10/31/07	20:41	10570	-15.31
10/31/07	21:41	10630	-15.29
10/31/07	22:41	10690	-15.29

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 23**

10/31/07	23:41	10750	-15.29
11/01/07	0:41	10810	-15.29
11/01/07	1:41	10870	-15.31
11/01/07	2:41	10930	-15.33
11/01/07	3:41	10990	-15.35
11/01/07	4:41	11050	-15.35
11/01/07	5:41	11110	-15.35
11/01/07	6:41	11170	-15.35
11/01/07	7:41	11230	-15.33
11/01/07	8:41	11290	-15.31
11/01/07	9:41	11350	-15.31
11/01/07	10:41	11410	-15.33
11/01/07	11:41	11470	-15.33
11/01/07	12:41	11530	-15.35
11/01/07	13:41	11590	-15.38
11/01/07	14:41	11650	-15.38
11/01/07	15:41	11710	-15.40
11/01/07	16:41	11770	-15.38
11/01/07	17:41	11830	-15.38
11/01/07	18:41	11890	-15.35
11/01/07	19:41	11950	-15.33
11/01/07	20:41	12010	-15.33
11/01/07	21:41	12070	-15.33
11/01/07	22:41	12130	-15.33
11/01/07	23:41	12190	-15.31
11/02/07	0:41	12250	-15.33
11/02/07	1:41	12310	-15.33
11/02/07	2:41	12370	-15.33
11/02/07	3:41	12430	-15.35
11/02/07	4:41	12490	-15.33
11/02/07	5:41	12550	-15.33
11/02/07	6:41	12610	-15.33
11/02/07	7:41	12670	-15.31
11/02/07	8:41	12730	-15.31
11/02/07	9:41	12790	-15.31
11/02/07	10:41	12850	-15.29
11/02/07	11:41	12910	-15.33
11/02/07	12:41	12970	-15.33
11/02/07	13:41	13030	-15.35
11/02/07	14:41	13090	-15.35
11/02/07	15:41	13150	-15.35
11/02/07	16:41	13210	-15.33
11/02/07	17:41	13270	-15.33
11/02/07	18:41	13330	-15.31
11/02/07	19:41	13390	-15.29
11/02/07	20:41	13450	-15.27
11/02/07	21:41	13510	-15.25
11/02/07	22:41	13570	-15.25

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 23**

11/02/07	23:41	13630	-15.25
11/03/07	0:41	13690	-15.27
11/03/07	1:41	13750	-15.23
11/03/07	2:41	13810	-15.27
11/03/07	3:41	13870	-15.25
11/03/07	4:41	13930	-15.25
11/03/07	5:41	13990	-15.27
11/03/07	6:41	14050	-15.25
11/03/07	7:41	14110	-15.25
11/03/07	8:41	14170	-15.25
11/03/07	9:41	14230	-15.25
11/03/07	10:41	14290	-15.25
11/03/07	11:41	14350	-15.25
11/03/07	12:41	14410	-15.27
11/03/07	13:41	14470	-15.29
11/03/07	14:41	14530	-15.29
11/03/07	15:41	14590	-15.31
11/03/07	16:41	14650	-15.33
11/03/07	17:41	14710	-15.33
11/03/07	18:41	14770	-15.31
11/03/07	19:41	14830	-15.29
11/03/07	20:41	14890	-15.31
11/03/07	21:41	14950	-15.31
11/03/07	22:41	15010	-15.31
11/03/07	23:41	15070	-15.31
11/04/07	0:41	15130	-15.31
11/04/07	1:41	15190	-15.31
11/04/07	1:41	15190	-15.35
11/04/07	2:41	15250	-15.33
11/04/07	3:41	15310	-15.35
11/04/07	4:41	15370	-15.35
11/04/07	5:41	15430	-15.37
11/04/07	6:41	15490	-15.35
11/04/07	7:41	15550	-15.35
11/04/07	8:41	15610	-15.35
11/04/07	9:41	15670	-15.35
11/04/07	10:41	15730	-15.37
11/04/07	11:41	15790	-15.38
11/04/07	12:41	15850	-15.40
11/04/07	13:41	15910	-15.44
11/04/07	14:41	15970	-15.44
11/04/07	15:41	16030	-15.44
11/04/07	16:41	16090	-15.46
11/04/07	17:41	16150	-15.44
11/04/07	18:41	16210	-15.42
11/04/07	19:41	16270	-15.42
11/04/07	20:41	16330	-15.44
11/04/07	21:41	16390	-15.42

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 23**

11/04/07	22:41	16450	-15.42
11/04/07	23:41	16510	-15.42
11/05/07	0:41	16570	-15.42
11/05/07	1:41	16630	-15.42
11/05/07	2:41	16690	-15.44
11/05/07	3:41	16750	-15.44
11/05/07	4:41	16810	-15.44
11/05/07	5:41	16870	-15.46
11/05/07	6:41	16930	-15.44
11/05/07	7:41	16990	-15.44
11/05/07	8:41	17050	-15.44
11/05/07	9:41	17110	-15.44
11/05/07	10:41	17170	-15.46
11/05/07	11:41	17230	-15.48
11/05/07	12:41	17290	-15.52
11/05/07	13:41	17350	-15.54
11/05/07	14:41	17410	-15.54
11/05/07	15:41	17470	-15.55
11/05/07	16:41	17530	-15.54
11/05/07	17:41	17590	-15.54
11/05/07	18:41	17650	-15.52
11/05/07	19:41	17710	-15.54
11/05/07	20:41	17770	-15.52
11/05/07	21:41	17830	-15.52
11/05/07	22:41	17890	-15.54
11/05/07	23:41	17950	-15.54
11/06/07	0:41	18010	-15.52
11/06/07	1:41	18070	-15.54
11/06/07	2:41	18130	-15.55
11/06/07	3:41	18190	-15.57
11/06/07	4:41	18250	-15.55
11/06/07	5:41	18310	-15.54
11/06/07	6:41	18370	-15.54
11/06/07	7:41	18430	-15.52
11/06/07	8:41	18490	-15.52
11/06/07	9:41	18550	-15.52
11/06/07	10:41	18610	-15.54
11/06/07	11:41	18670	-15.55
11/06/07	12:41	18730	-15.57
11/06/07	13:41	18790	-15.57
11/06/07	14:41	18850	-15.59
11/06/07	15:41	18910	-15.57
11/06/07	16:41	18970	-15.57
11/06/07	17:41	19030	-15.55
11/06/07	18:41	19090	-15.55
11/06/07	19:41	19150	-15.54
11/06/07	20:41	19210	-15.54
11/06/07	21:41	19270	-15.52

**DRAWDOWN MEASUREMENTS
FOR WELL NO. 23**

11/06/07	22:41	19330	-15.54
11/06/07	23:41	19390	-15.50
11/07/07	0:41	19450	-15.50
11/07/07	1:41	19510	-15.54
11/07/07	2:41	19570	-15.52
11/07/07	3:41	19630	-15.54
11/07/07	4:41	19690	-15.52
11/07/07	5:41	19750	-15.52
11/07/07	6:41	19810	-15.52
11/07/07	7:41	19870	-15.54
11/07/07	8:31	19920	-15.54

APPENDIX C

RECOVERY MEASUREMENTS

**RECOVERY MEASUREMENTS
FOR WELL NO. 15**

Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	8:31	0	-296.109
11/07/07	8:32	1	-295.266
11/07/07	8:33	2	-295.016
11/07/07	8:34	3	-294.938
11/07/07	8:35	4	-294.766
11/07/07	8:36	5	-294.766
11/07/07	8:37	6	-294.688
11/07/07	8:38	7	-294.609
11/07/07	8:39	8	-294.609
11/07/07	8:40	9	-294.609
11/07/07	8:41	10	-294.516
11/07/07	8:42	11	-294.438
11/07/07	8:43	12	-294.438
11/07/07	8:44	13	-294.438
11/07/07	8:45	14	-294.438
11/07/07	8:46	15	-294.438
11/07/07	8:47	16	-294.359
11/07/07	8:48	17	-294.359
11/07/07	8:49	18	-294.359
11/07/07	8:50	19	-294.359
11/07/07	8:52	21	-294.36
11/07/07	8:54	23	-294.36
11/07/07	8:56	25	-294.36
11/07/07	8:58	27	-294.27
11/07/07	9:00	29	-294.27
11/07/07	9:02	31	-294.27
11/07/07	9:04	33	-294.27
11/07/07	9:06	35	-294.27
11/07/07	9:08	37	-294.19
11/07/07	9:10	39	-294.19
11/07/07	9:12	41	-294.19
11/07/07	9:14	43	-294.19
11/07/07	9:16	45	-294.19
11/07/07	9:18	47	-294.19
11/07/07	9:20	49	-294.19
11/07/07	9:22	51	-294.19
11/07/07	9:24	53	-294.19
11/07/07	9:26	55	-294.19
11/07/07	9:28	57	-294.11
11/07/07	9:30	59	-294.11
11/07/07	9:32	61	-294.11
11/07/07	9:34	63	-294.11

Prepared by
Clay Murray
MCWD
4/7/2008

**RECOVERY MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	9:36	65	-294.11
11/07/07	9:38	67	-294.03
11/07/07	9:40	69	-294.11
11/07/07	9:42	71	-294.11
11/07/07	9:44	73	-294.11
11/07/07	9:46	75	-294.03
11/07/07	9:48	77	-294.11
11/07/07	9:50	79	-294.03
11/07/07	9:52	81	-294.03
11/07/07	9:57	86	-294.03
11/07/07	10:02	91	-294.03
11/07/07	10:07	96	-293.94
11/07/07	10:12	101	-294.03
11/07/07	10:17	106	-293.94
11/07/07	10:22	111	-293.94
11/07/07	10:27	116	-293.94
11/07/07	10:32	121	-293.94
11/07/07	10:37	126	-293.94
11/07/07	10:42	131	-293.94
11/07/07	10:47	136	-293.86
11/07/07	10:52	141	-293.86
11/07/07	10:57	146	-293.86
11/07/07	11:02	151	-293.86
11/07/07	11:07	156	-293.86
11/07/07	11:12	161	-293.86
11/07/07	11:17	166	-293.86
11/07/07	11:22	171	-293.86
11/07/07	11:27	176	-293.78
11/07/07	11:32	181	-293.78
11/07/07	11:37	186	-293.78
11/07/07	11:42	191	-293.78
11/07/07	11:47	196	-293.78
11/07/07	11:52	201	-293.78
11/07/07	11:57	206	-293.69
11/07/07	12:02	211	-293.69
11/07/07	12:07	216	-293.69
11/07/07	12:12	221	-293.69
11/07/07	12:17	226	-293.69
11/07/07	12:22	231	-293.69
11/07/07	12:27	236	-293.69
11/07/07	12:32	241	-293.69
11/07/07	12:37	246	-293.61
11/07/07	12:42	251	-293.61
11/07/07	12:47	256	-293.69
11/07/07	12:52	261	-293.69

**RECOVERY MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	12:57	266	-293.61
11/07/07	13:07	276	-293.61
11/07/07	13:17	286	-293.61
11/07/07	13:27	296	-293.61
11/07/07	13:37	306	-293.53
11/07/07	13:47	316	-293.61
11/07/07	13:57	326	-293.61
11/07/07	14:07	336	-293.53
11/07/07	14:17	346	-293.53
11/07/07	14:27	356	-293.53
11/07/07	14:37	366	-293.53
11/07/07	14:47	376	-293.53
11/07/07	14:57	386	-293.53
11/07/07	15:07	396	-293.44
11/07/07	15:17	406	-293.44
11/07/07	15:27	416	-293.44
11/07/07	15:37	426	-293.44
11/07/07	15:47	436	-293.44
11/07/07	15:57	446	-293.36
11/07/07	16:07	456	-293.44
11/07/07	16:17	466	-293.36
11/07/07	16:27	476	-293.36
11/07/07	16:37	486	-293.36
11/07/07	16:47	496	-293.36
11/07/07	16:57	506	-293.36
11/07/07	17:07	516	-293.36
11/07/07	17:17	526	-293.36
11/07/07	17:27	536	-293.36
11/07/07	17:37	546	-293.36
11/07/07	17:47	556	-293.28
11/07/07	17:57	566	-293.28
11/07/07	18:07	576	-293.28
11/07/07	18:17	586	-293.28
11/07/07	18:27	596	-293.28
11/07/07	18:37	606	-293.28
11/07/07	18:47	616	-293.28
11/07/07	18:57	626	-293.28
11/07/07	19:07	636	-293.28
11/07/07	19:17	646	-293.28
11/07/07	19:27	656	-293.19
11/07/07	19:37	666	-293.19
11/07/07	19:47	676	-293.19
11/07/07	19:57	686	-293.28
11/07/07	20:07	696	-293.19
11/07/07	21:07	756	-293.11

**RECOVERY MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	22:07	816	-293.11
11/07/07	23:07	876	-293.03
11/08/07	0:07	936	-293.11
11/08/07	1:07	996	-293.03
11/08/07	2:07	1056	-292.94
11/08/07	3:07	1116	-292.94
11/08/07	4:07	1176	-292.86
11/08/07	5:07	1236	-292.86
11/08/07	6:07	1296	-292.86
11/08/07	7:07	1356	-292.78
11/08/07	8:07	1416	-292.78
11/08/07	9:07	1476	-292.69
11/08/07	10:07	1536	-292.69
11/08/07	11:07	1596	-292.69
11/08/07	12:07	1656	-292.61
11/08/07	13:07	1716	-292.61
11/08/07	14:07	1776	-292.53
11/08/07	15:07	1836	-292.53
11/08/07	16:07	1896	-292.44
11/08/07	17:07	1956	-292.44
11/08/07	18:07	2016	-292.44
11/08/07	19:07	2076	-292.36
11/08/07	20:07	2136	-292.44
11/08/07	21:07	2196	-292.36
11/08/07	22:07	2256	-292.28
11/08/07	23:07	2316	-292.36
11/09/07	0:07	2376	-292.28
11/09/07	1:07	2436	-292.28
11/09/07	2:07	2496	-292.19
11/09/07	3:07	2556	-292.19
11/09/07	4:07	2616	-292.19
11/09/07	5:07	2676	-292.19
11/09/07	6:07	2736	-292.19
11/09/07	7:07	2796	-292.11
11/09/07	8:07	2856	-292.11
11/09/07	9:07	2916	-292.11
11/09/07	10:07	2976	-292.03
11/09/07	11:07	3036	-292.03
11/09/07	12:07	3096	-291.94
11/09/07	13:07	3156	-291.94
11/09/07	14:07	3216	-292.03
11/09/07	15:07	3276	-291.86
11/09/07	16:07	3336	-291.94
11/09/07	17:07	3396	-291.86
11/09/07	18:07	3456	-291.86

**RECOVERY MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/09/07	19:07	3516	-291.86
11/09/07	20:07	3576	-291.86
11/09/07	21:07	3636	-291.78
11/09/07	22:07	3696	-291.78
11/09/07	23:07	3756	-291.78
11/10/07	0:07	3816	-291.78
11/10/07	1:07	3876	-291.78
11/10/07	2:07	3936	-291.69
11/10/07	3:07	3996	-291.78
11/10/07	4:07	4056	-291.69
11/10/07	5:07	4116	-291.69
11/10/07	6:07	4176	-291.69
11/10/07	7:07	4236	-291.61
11/10/07	8:07	4296	-291.61
11/10/07	9:07	4356	-291.61
11/10/07	10:07	4416	-291.61
11/10/07	11:07	4476	-291.61
11/10/07	12:07	4536	-291.53
11/10/07	13:07	4596	-291.53
11/10/07	14:07	4656	-291.53
11/10/07	15:07	4716	-291.53
11/10/07	16:07	4776	-291.44
11/10/07	17:07	4836	-291.53
11/10/07	18:07	4896	-291.44
11/10/07	19:07	4956	-291.44
11/10/07	20:07	5016	-291.44
11/10/07	21:07	5076	-291.44
11/10/07	22:07	5136	-291.36
11/10/07	23:07	5196	-291.36
11/11/07	0:07	5256	-291.36
11/11/07	1:07	5316	-291.28
11/11/07	2:07	5376	-291.36
11/11/07	3:07	5436	-291.19
11/11/07	4:07	5496	-291.28
11/11/07	5:07	5556	-291.19
11/11/07	6:07	5616	-291.28
11/11/07	7:07	5676	-291.19
11/11/07	8:07	5736	-291.19
11/11/07	9:07	5796	-291.19
11/11/07	10:07	5856	-291.19
11/11/07	11:07	5916	-291.11
11/11/07	12:07	5976	-291.19
11/11/07	13:07	6036	-291.19
11/11/07	14:07	6096	-291.11
11/11/07	15:07	6156	-291.11

**RECOVERY MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/11/07	16:07	6216	-291.11
11/11/07	17:07	6276	-291.11
11/11/07	18:07	6336	-291.11
11/11/07	19:07	6396	-291.11
11/11/07	20:07	6456	-291.11
11/11/07	21:07	6516	-291.11
11/11/07	22:07	6576	-291.11
11/11/07	23:07	6636	-291.03
11/12/07	0:07	6696	-291.11
11/12/07	1:07	6756	-291.11
11/12/07	2:07	6816	-291.03
11/12/07	3:07	6876	-291.03
11/12/07	4:07	6936	-291.03
11/12/07	5:07	6996	-291.03
11/12/07	6:07	7056	-291.03
11/12/07	7:07	7116	-291.03
11/12/07	8:07	7176	-291.03
11/12/07	9:07	7236	-291.03
11/12/07	10:07	7296	-290.95
11/12/07	11:07	7356	-290.95
11/12/07	12:07	7416	-290.95
11/12/07	13:07	7476	-290.95
11/12/07	14:07	7536	-290.95
11/12/07	15:07	7596	-290.95
11/12/07	16:07	7656	-290.95
11/12/07	17:07	7716	-290.95
11/12/07	18:07	7776	-290.86
11/12/07	19:07	7836	-290.86
11/12/07	20:07	7896	-290.86
11/12/07	21:07	7956	-290.86
11/12/07	22:07	8016	-290.86
11/12/07	23:07	8076	-290.86
11/13/07	0:07	8136	-290.78
11/13/07	1:07	8196	-290.78
11/13/07	2:07	8256	-290.78
11/13/07	3:07	8316	-290.78
11/13/07	4:07	8376	-290.78
11/13/07	5:07	8436	-290.7
11/13/07	6:07	8496	-290.78
11/13/07	7:07	8556	-290.78
11/13/07	8:07	8616	-290.7
11/13/07	9:07	8676	-290.7
11/13/07	10:07	8736	-290.7
11/13/07	11:07	8796	-290.7
11/13/07	12:07	8856	-290.7

**RECOVERY MEASUREMENTS
FOR WELL NO. 15**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/13/07	13:07	8916	-290.61
11/13/07	14:07	8976	-290.61
11/13/07	15:07	9036	-290.61
11/13/07	16:07	9096	-290.61
11/13/07	17:07	9156	-290.61
11/13/07	18:07	9216	-290.61
11/13/07	19:07	9276	-290.61
11/13/07	20:07	9336	-290.61
11/13/07	21:07	9396	-290.61
11/13/07	22:07	9456	-290.53
11/13/07	23:07	9516	-290.53
11/14/07	0:07	9576	-290.53
11/14/07	1:07	9636	-290.53
11/14/07	2:07	9696	-290.53
11/14/07	3:07	9756	-290.45
11/14/07	4:07	9816	-290.45
11/14/07	5:07	9876	-290.45
11/14/07	6:07	9936	-290.45
11/14/07	7:07	9996	-290.45
11/14/07	8:07	10056	-290.45
11/14/07	9:07	10116	-290.45
11/14/07	10:07	10176	-290.45
11/14/07	11:07	10236	-290.45
11/14/07	12:07	10296	-290.45
11/14/07	13:07	10356	-290.36
11/14/07	14:07	10416	-290.36
11/14/07	15:07	10476	-290.36
11/14/07	16:07	10536	-290.36
11/14/07	17:07	10596	-290.36
11/14/07	18:07	10656	-290.28
11/14/07	19:07	10716	-290.36
11/14/07	20:07	10776	-290.28
11/14/07	21:07	10836	-290.36
11/14/07	22:07	10896	-290.28
11/14/07	23:07	10956	-290.28

RECOVERY MEASUREMENTS FOR WELL NO. 1

Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	8:31	0	-212.41
11/07/07	8:32	1	-212.41
11/07/07	8:33	2	-212.41
11/07/07	8:34	3	-212.41
11/07/07	8:35	4	-212.41
11/07/07	8:36	5	-212.41
11/07/07	8:37	6	-212.41
11/07/07	8:38	7	-212.41
11/07/07	8:39	8	-212.41
11/07/07	8:40	9	-212.41
11/07/07	8:41	10	-212.41
11/07/07	8:42	11	-212.41
11/07/07	8:43	12	-212.41
11/07/07	8:44	13	-212.41
11/07/07	8:45	14	-212.41
11/07/07	8:46	15	-212.41
11/07/07	8:47	16	-212.41
11/07/07	8:48	17	-212.41
11/07/07	8:49	18	-212.41
11/07/07	8:50	19	-212.41
11/07/07	8:52	21	-212.41
11/07/07	8:54	23	-212.41
11/07/07	8:56	25	-212.41
11/07/07	8:58	27	-212.41
11/07/07	9:00	29	-212.41
11/07/07	9:02	31	-212.41
11/07/07	9:04	33	-212.41
11/07/07	9:06	35	-212.41
11/07/07	9:08	37	-212.41
11/07/07	9:10	39	-212.41
11/07/07	9:12	41	-212.41
11/07/07	9:14	43	-212.41
11/07/07	9:16	45	-212.27
11/07/07	9:18	47	-212.27
11/07/07	9:20	49	-212.27
11/07/07	9:22	51	-212.27
11/07/07	9:24	53	-212.27
11/07/07	9:26	55	-212.41
11/07/07	9:28	57	-212.41
11/07/07	9:30	59	-212.41
11/07/07	9:32	61	-212.41
11/07/07	9:34	63	-212.41

**RECOVERY MEASUREMENTS
FOR WELL NO. 1**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	9:36	65	-212.41
11/07/07	9:38	67	-212.41
11/07/07	9:40	69	-212.41
11/07/07	9:42	71	-212.41
11/07/07	9:44	73	-212.41
11/07/07	9:46	75	-212.41
11/07/07	9:48	77	-212.41
11/07/07	9:50	79	-212.41
11/07/07	9:52	81	-212.41
11/07/07	9:57	86	-212.41
11/07/07	10:02	91	-212.41
11/07/07	10:07	96	-212.55
11/07/07	10:12	101	-212.55
11/07/07	10:17	106	-212.41
11/07/07	10:22	111	-212.41
11/07/07	10:27	116	-212.41
11/07/07	10:32	121	-212.41
11/07/07	10:37	126	-212.41
11/07/07	10:42	131	-212.41
11/07/07	10:47	136	-212.41
11/07/07	10:52	141	-212.41
11/07/07	10:57	146	-212.41
11/07/07	11:02	151	-212.41
11/07/07	11:07	156	-212.41
11/07/07	11:12	161	-212.41
11/07/07	11:17	166	-212.41
11/07/07	11:22	171	-212.41
11/07/07	11:27	176	-212.41
11/07/07	11:32	181	-212.41
11/07/07	11:37	186	-212.41
11/07/07	11:42	191	-212.41
11/07/07	11:47	196	-212.41
11/07/07	11:52	201	-212.41
11/07/07	11:57	206	-212.41
11/07/07	12:02	211	-212.41
11/07/07	12:07	216	-212.27
11/07/07	12:12	221	-212.27
11/07/07	12:17	226	-212.27
11/07/07	12:22	231	-212.27
11/07/07	12:27	236	-212.41
11/07/07	12:32	241	-212.41
11/07/07	12:37	246	-212.27
11/07/07	12:42	251	-212.27
11/07/07	12:47	256	-212.27
11/07/07	12:52	261	-212.27

**RECOVERY MEASUREMENTS
FOR WELL NO. 1**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	12:57	266	-212.27
11/07/07	13:07	276	-212.41
11/07/07	13:17	286	-212.27
11/07/07	13:27	296	-212.41
11/07/07	13:37	306	-212.41
11/07/07	13:47	316	-212.27
11/07/07	13:57	326	-212.27
11/07/07	14:07	336	-212.27
11/07/07	14:17	346	-212.27
11/07/07	14:27	356	-212.27
11/07/07	14:37	366	-212.27
11/07/07	14:47	376	-212.27
11/07/07	14:57	386	-212.27
11/07/07	15:07	396	-212.27
11/07/07	15:17	406	-212.27
11/07/07	15:27	416	-212.27
11/07/07	15:37	426	-212.27
11/07/07	15:47	436	-212.27
11/07/07	15:57	446	-212.27
11/07/07	16:07	456	-212.27
11/07/07	16:17	466	-212.27
11/07/07	16:27	476	-212.27
11/07/07	16:37	486	-212.27
11/07/07	16:47	496	-212.41
11/07/07	16:57	506	-212.27
11/07/07	17:07	516	-212.27
11/07/07	17:17	526	-212.27
11/07/07	17:27	536	-212.41
11/07/07	17:37	546	-212.27
11/07/07	17:47	556	-212.27
11/07/07	17:57	566	-212.41
11/07/07	18:07	576	-212.27
11/07/07	18:17	586	-212.27
11/07/07	18:27	596	-212.41
11/07/07	18:37	606	-212.27
11/07/07	18:47	616	-212.27
11/07/07	18:57	626	-212.27
11/07/07	19:07	636	-212.41
11/07/07	19:17	646	-212.41
11/07/07	19:27	656	-212.27
11/07/07	19:37	666	-212.27
11/07/07	19:47	676	-212.27
11/07/07	19:57	686	-212.27
11/07/07	20:07	696	-212.27
11/07/07	21:07	756	-212.27

**RECOVERY MEASUREMENTS
FOR WELL NO. 1**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	22:07	816	-212.27
11/07/07	23:07	876	-212.27
11/08/07	0:07	936	-212.27
11/08/07	1:07	996	-212.27
11/08/07	2:07	1056	-212.27
11/08/07	3:07	1116	-212.27
11/08/07	4:07	1176	-212.27
11/08/07	5:07	1236	-212.13
11/08/07	6:07	1296	-212.13
11/08/07	7:07	1356	-212.13
11/08/07	8:07	1416	-212.13
11/08/07	9:07	1476	-212.13
11/08/07	10:07	1536	-212.13
11/08/07	11:07	1596	-212.13
11/08/07	12:07	1656	-212.13
11/08/07	13:07	1716	-212.13
11/08/07	14:07	1776	-211.98
11/08/07	15:07	1836	-212.13
11/08/07	16:07	1896	-211.98
11/08/07	17:07	1956	-211.98
11/08/07	18:07	2016	-212.13
11/08/07	19:07	2076	-211.98
11/08/07	20:07	2136	-211.98
11/08/07	21:07	2196	-211.98
11/08/07	22:07	2256	-211.98
11/08/07	23:07	2316	-212.13
11/09/07	0:07	2376	-211.98
11/09/07	1:07	2436	-211.98
11/09/07	2:07	2496	-211.98
11/09/07	3:07	2556	-211.98
11/09/07	4:07	2616	-211.84
11/09/07	5:07	2676	-211.84
11/09/07	6:07	2736	-211.84
11/09/07	7:07	2796	-211.84
11/09/07	8:07	2856	-211.98
11/09/07	9:07	2916	-211.84
11/09/07	10:07	2976	-211.84
11/09/07	11:07	3036	-211.84
11/09/07	12:07	3096	-211.7
11/09/07	13:07	3156	-211.7
11/09/07	14:07	3216	-211.7
11/09/07	15:07	3276	-211.7
11/09/07	16:07	3336	-211.84
11/09/07	17:07	3396	-211.7
11/09/07	18:07	3456	-211.7

**RECOVERY MEASUREMENTS
FOR WELL NO. 1**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/09/07	19:07	3516	-211.7
11/09/07	20:07	3576	-211.7
11/09/07	21:07	3636	-211.7
11/09/07	22:07	3696	-211.7
11/09/07	23:07	3756	-211.7
11/10/07	0:07	3816	-211.7
11/10/07	1:07	3876	-211.7
11/10/07	2:07	3936	-211.7
11/10/07	3:07	3996	-211.7
11/10/07	4:07	4056	-211.7
11/10/07	5:07	4116	-211.7
11/10/07	6:07	4176	-211.7
11/10/07	7:07	4236	-211.7
11/10/07	8:07	4296	-211.7
11/10/07	9:07	4356	-211.7
11/10/07	10:07	4416	-211.7
11/10/07	11:07	4476	-211.55
11/10/07	12:07	4536	-211.55
11/10/07	13:07	4596	-211.55
11/10/07	14:07	4656	-211.55
11/10/07	15:07	4716	-211.55
11/10/07	16:07	4776	-211.55
11/10/07	17:07	4836	-211.55
11/10/07	18:07	4896	-211.55
11/10/07	19:07	4956	-211.55
11/10/07	20:07	5016	-211.41
11/10/07	21:07	5076	-211.55
11/10/07	22:07	5136	-211.41
11/10/07	23:07	5196	-211.55
11/11/07	0:07	5256	-211.41
11/11/07	1:07	5316	-211.41
11/11/07	2:07	5376	-211.27
11/11/07	3:07	5436	-211.27
11/11/07	4:07	5496	-211.27
11/11/07	5:07	5556	-211.27
11/11/07	6:07	5616	-211.41
11/11/07	7:07	5676	-211.27
11/11/07	8:07	5736	-211.27
11/11/07	9:07	5796	-211.41
11/11/07	10:07	5856	-211.27
11/11/07	11:07	5916	-211.27
11/11/07	12:07	5976	-211.41
11/11/07	13:07	6036	-211.41
11/11/07	14:07	6096	-211.41
11/11/07	15:07	6156	-211.41

**RECOVERY MEASUREMENTS
FOR WELL NO. 1**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/11/07	16:07	6216	-211.41
11/11/07	17:07	6276	-211.41
11/11/07	18:07	6336	-211.41
11/11/07	19:07	6396	-211.41
11/11/07	20:07	6456	-211.41
11/11/07	21:07	6516	-211.41
11/11/07	22:07	6576	-211.55
11/11/07	23:07	6636	-211.55
11/12/07	0:07	6696	-211.41
11/12/07	1:07	6756	-211.41
11/12/07	2:07	6816	-211.41
11/12/07	3:07	6876	-211.55
11/12/07	4:07	6936	-211.41
11/12/07	5:07	6996	-211.41
11/12/07	6:07	7056	-211.41
11/12/07	7:07	7116	-211.55
11/12/07	8:07	7176	-211.41
11/12/07	9:07	7236	-211.41
11/12/07	10:07	7296	-211.41
11/12/07	11:07	7356	-211.41
11/12/07	12:07	7416	-211.41
11/12/07	13:07	7476	-211.41
11/12/07	14:07	7536	-211.27
11/12/07	15:07	7596	-211.41
11/12/07	16:07	7656	-211.41
11/12/07	17:07	7716	-211.41
11/12/07	18:07	7776	-211.41
11/12/07	19:07	7836	-211.41
11/12/07	20:07	7896	-211.27
11/12/07	21:07	7956	-211.41
11/12/07	22:07	8016	-211.41
11/12/07	23:07	8076	-211.41
11/13/07	0:07	8136	-211.41
11/13/07	1:07	8196	-211.41
11/13/07	2:07	8256	-211.41
11/13/07	3:07	8316	-211.27
11/13/07	4:07	8376	-211.27
11/13/07	5:07	8436	-211.27
11/13/07	6:07	8496	-211.27
11/13/07	7:07	8556	-211.27
11/13/07	8:07	8616	-211.41
11/13/07	9:07	8676	-211.27
11/13/07	10:07	8736	-211.27
11/13/07	11:07	8796	-211.27
11/13/07	12:07	8856	-211.27

**RECOVERY MEASUREMENTS
FOR WELL NO. 1**

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/13/07	13:07	8916	-211.13
11/13/07	14:07	8976	-211.13
11/13/07	15:07	9036	-211.13
11/13/07	16:07	9096	-211.13
11/13/07	17:07	9156	-211.13
11/13/07	18:07	9216	-211.13
11/13/07	19:07	9276	-211.13
11/13/07	20:07	9336	-211.13
11/13/07	21:07	9396	-211.13
11/13/07	22:07	9456	-211.13
11/13/07	23:07	9516	-211.13
11/14/07	0:07	9576	-211.27
11/14/07	1:07	9636	-211.13
11/14/07	2:07	9696	-211.13
11/14/07	3:07	9756	-211.13
11/14/07	4:07	9816	-210.98
11/14/07	5:07	9876	-210.98
11/14/07	6:07	9936	-210.98
11/14/07	7:07	9996	-210.98
11/14/07	8:07	10056	-210.98
11/14/07	9:07	10116	-210.98
11/14/07	10:07	10176	-210.98
11/14/07	11:07	10236	-211.13
11/14/07	12:07	10296	-210.98
11/14/07	13:07	10356	-210.98
11/14/07	14:07	10416	-210.98
11/14/07	15:07	10476	-210.98
11/14/07	16:07	10536	-210.98
11/14/07	17:07	10596	-210.84
11/14/07	18:07	10656	-210.84
11/14/07	19:07	10716	-210.98
11/14/07	20:07	10776	-210.84
11/14/07	21:07	10836	-210.84
11/14/07	22:07	10896	-210.84
11/14/07	23:07	10956	-210.98

**RECOVERY MEASUREMENTS
FOR WELL NO. 17**

Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	8:31	0	-377.27
11/07/07	8:32	1	-377.27
11/07/07	8:33	2	-377.27
11/07/07	8:34	3	-377.27
11/07/07	8:35	4	-377.27
11/07/07	8:36	5	-377.27
11/07/07	8:37	6	-377.27
11/07/07	8:38	7	-377.27
11/07/07	8:39	8	-377.27
11/07/07	8:40	9	-377.27
11/07/07	8:41	10	-377.27
11/07/07	8:42	11	-377.27
11/07/07	8:43	12	-377.27
11/07/07	8:44	13	-377.27
11/07/07	8:45	14	-377.27
11/07/07	8:46	15	-377.27
11/07/07	8:47	16	-377.27
11/07/07	8:48	17	-377.27
11/07/07	8:49	18	-377.27
11/07/07	8:50	19	-377.27
11/07/07	8:52	21	-377.27
11/07/07	8:54	23	-377.27
11/07/07	8:56	25	-377.27
11/07/07	8:58	27	-377.27
11/07/07	9:00	29	-377.27
11/07/07	9:02	31	-377.27
11/07/07	9:04	33	-377.27
11/07/07	9:06	35	-377.27
11/07/07	9:08	37	-377.27
11/07/07	9:10	39	-377.27
11/07/07	9:12	41	-377.27
11/07/07	9:14	43	-377.27
11/07/07	9:16	45	-377.27
11/07/07	9:18	47	-377.27
11/07/07	9:20	49	-377.27
11/07/07	9:22	51	-377.27
11/07/07	9:24	53	-377.27
11/07/07	9:26	55	-377.27
11/07/07	9:28	57	-377.27
11/07/07	9:30	59	-377.27
11/07/07	9:32	61	-377.27
11/07/07	9:34	63	-377.27

**RECOVERY MEASUREMENTS
FOR WELL NO. 17**

11/07/07	9:36	65	-377.27
11/07/07	9:38	67	-377.27
11/07/07	9:40	69	-377.27
11/07/07	9:42	71	-377.27
11/07/07	9:44	73	-377.27
11/07/07	9:46	75	-377.27
11/07/07	9:48	77	-377.27
11/07/07	9:50	79	-377.27
11/07/07	9:52	81	-377.27
11/07/07	9:57	86	-377.27
11/07/07	10:02	91	-377.27
11/07/07	10:07	96	-377.27
11/07/07	10:12	101	-377.27
11/07/07	10:17	106	-377.27
11/07/07	10:22	111	-377.27
11/07/07	10:27	116	-377.27
11/07/07	10:32	121	-377.27
11/07/07	10:37	126	-377.27
11/07/07	10:42	131	-377.27
11/07/07	10:47	136	-377.27
11/07/07	10:52	141	-377.27
11/07/07	10:57	146	-377.27
11/07/07	11:02	151	-377.27
11/07/07	11:07	156	-377.27
11/07/07	11:12	161	-377.27
11/07/07	11:17	166	-377.27
11/07/07	11:22	171	-377.27
11/07/07	11:27	176	-377.27
11/07/07	11:32	181	-377.27
11/07/07	11:37	186	-377.27
11/07/07	11:42	191	-377.27
11/07/07	11:47	196	-377.27
11/07/07	11:52	201	-377.27
11/07/07	11:57	206	-377.27
11/07/07	12:02	211	-377.27
11/07/07	12:07	216	-377.27
11/07/07	12:12	221	-377.27
11/07/07	12:17	226	-377.27
11/07/07	12:22	231	-377.27
11/07/07	12:27	236	-377.27
11/07/07	12:32	241	-377.27
11/07/07	12:37	246	-377.27
11/07/07	12:42	251	-377.27
11/07/07	12:47	256	-377.27
11/07/07	12:52	261	-377.27
11/07/07	12:57	266	-377.27
11/07/07	13:07	276	-377.27
11/07/07	13:17	286	-377.27

**RECOVERY MEASUREMENTS
FOR WELL NO. 17**

11/07/07	13:27	296	-377.27
11/07/07	13:37	306	-377.27
11/07/07	13:47	316	-377.27
11/07/07	13:57	326	-377.27
11/07/07	14:07	336	-377.27
11/07/07	14:17	346	-377.27
11/07/07	14:27	356	-377.25
11/07/07	14:37	366	-377.25
11/07/07	14:47	376	-377.25
11/07/07	14:57	386	-377.25
11/07/07	15:07	396	-377.25
11/07/07	15:17	406	-377.25
11/07/07	15:27	416	-377.25
11/07/07	15:37	426	-377.25
11/07/07	15:47	436	-377.25
11/07/07	15:57	446	-377.22
11/07/07	16:07	456	-377.22
11/07/07	16:17	466	-377.22
11/07/07	16:27	476	-377.22
11/07/07	16:37	486	-377.22
11/07/07	16:47	496	-377.22
11/07/07	16:57	506	-377.22
11/07/07	17:07	516	-377.22
11/07/07	17:17	526	-377.22
11/07/07	17:27	536	-377.22
11/07/07	17:37	546	-377.22
11/07/07	17:47	556	-377.22
11/07/07	17:57	566	-377.22
11/07/07	18:07	576	-377.22
11/07/07	18:17	586	-377.22
11/07/07	18:27	596	-377.22
11/07/07	18:37	606	-377.22
11/07/07	18:47	616	-377.22
11/07/07	18:57	626	-377.22
11/07/07	19:07	636	-377.22
11/07/07	19:17	646	-377.22
11/07/07	19:27	656	-377.22
11/07/07	19:37	666	-377.22
11/07/07	19:47	676	-377.22
11/07/07	19:57	686	-377.22
11/07/07	20:07	696	-377.22
11/07/07	21:07	756	-377.25
11/07/07	22:07	816	-377.25
11/07/07	23:07	876	-377.27
11/08/07	0:07	936	-377.27
11/08/07	1:07	996	-377.27
11/08/07	2:07	1056	-377.27
11/08/07	3:07	1116	-377.22

**RECOVERY MEASUREMENTS
FOR WELL NO. 17**

11/08/07	4:07	1176	-377.22
11/08/07	5:07	1236	-377.22
11/08/07	6:07	1296	-377.22
11/08/07	7:07	1356	-377.22
11/08/07	8:07	1416	-377.22
11/08/07	9:07	1476	-377.22
11/08/07	10:07	1536	-377.22
11/08/07	11:07	1596	-377.22
11/08/07	12:07	1656	-377.16
11/08/07	13:07	1716	-377.16
11/08/07	14:07	1776	-377.16
11/08/07	15:07	1836	-377.16
11/08/07	16:07	1896	-377.16
11/08/07	17:07	1956	-377.16
11/08/07	18:07	2016	-377.16
11/08/07	19:07	2076	-377.23
11/08/07	20:07	2136	-377.16
11/08/07	21:07	2196	-377.16
11/08/07	22:07	2256	-377.16
11/08/07	23:07	2316	-377.16
11/09/07	0:07	2376	-377.16
11/09/07	1:07	2436	-377.14
11/09/07	2:07	2496	-377.11
11/09/07	3:07	2556	-377.11
11/09/07	4:07	2616	-377.11
11/09/07	5:07	2676	-377.11
11/09/07	6:07	2736	-377.05
11/09/07	7:07	2796	-377.05
11/09/07	8:07	2856	-377.05
11/09/07	9:07	2916	-377.11
11/09/07	10:07	2976	-377.05
11/09/07	11:07	3036	-377.05
11/09/07	12:07	3096	-376.98
11/09/07	13:07	3156	-376.98
11/09/07	14:07	3216	-376.98
11/09/07	15:07	3276	-376.97
11/09/07	16:07	3336	-376.97
11/09/07	17:07	3396	-376.97
11/09/07	18:07	3456	-376.97
11/09/07	19:07	3516	-376.97
11/09/07	20:07	3576	-376.97
11/09/07	21:07	3636	-376.97
11/09/07	22:07	3696	-376.97
11/09/07	23:07	3756	-376.97
11/10/07	0:07	3816	-377.02
11/10/07	1:07	3876	-377.02
11/10/07	2:07	3936	-377.02
11/10/07	3:07	3996	-377.02

**RECOVERY MEASUREMENTS
FOR WELL NO. 17**

11/10/07	4:07	4056	-377.02
11/10/07	5:07	4116	-377.02
11/10/07	6:07	4176	-377.02
11/10/07	7:07	4236	-377.02
11/10/07	8:07	4296	-377.08
11/10/07	9:07	4356	-377.08
11/10/07	10:07	4416	-377.08
11/10/07	11:07	4476	-377.08
11/10/07	12:07	4536	-377.08
11/10/07	13:07	4596	-377.08
11/10/07	14:07	4656	-377.05
11/10/07	15:07	4716	-377.05
11/10/07	16:07	4776	-377.05
11/10/07	17:07	4836	-377.05
11/10/07	18:07	4896	-377.05
11/10/07	19:07	4956	-377.05
11/10/07	20:07	5016	-377.05
11/10/07	21:07	5076	-377.05
11/10/07	22:07	5136	-377.05
11/10/07	23:07	5196	-377.03
11/11/07	0:07	5256	-376.98
11/11/07	1:07	5316	-376.98
11/11/07	2:07	5376	-376.98
11/11/07	3:07	5436	-376.94
11/11/07	4:07	5496	-376.94
11/11/07	5:07	5556	-376.94
11/11/07	6:07	5616	-376.94
11/11/07	7:07	5676	-376.94
11/11/07	8:07	5736	-376.94
11/11/07	9:07	5796	-376.97
11/11/07	10:07	5856	-376.97
11/11/07	11:07	5916	-376.97
11/11/07	12:07	5976	-376.97
11/11/07	13:07	6036	-377.02
11/11/07	14:07	6096	-377.02
11/11/07	15:07	6156	-377.02
11/11/07	16:07	6216	-377.08
11/11/07	17:07	6276	-377.08
11/11/07	18:07	6336	-377.13
11/11/07	19:07	6396	-377.13
11/11/07	20:07	6456	-377.13
11/11/07	21:07	6516	-377.19
11/11/07	22:07	6576	-377.19
11/11/07	23:07	6636	-377.19
11/12/07	0:07	6696	-377.19
11/12/07	1:07	6756	-377.19
11/12/07	2:07	6816	-377.19
11/12/07	3:07	6876	-377.19

**RECOVERY MEASUREMENTS
FOR WELL NO. 17**

11/12/07	4:07	6936	-377.19
11/12/07	5:07	6996	-377.25
11/12/07	6:07	7056	-377.25
11/12/07	7:07	7116	-377.25
11/12/07	8:07	7176	-377.25
11/12/07	9:07	7236	-377.25
11/12/07	10:07	7296	-377.25
11/12/07	11:07	7356	-377.25
11/12/07	12:07	7416	-377.25
11/12/07	13:07	7476	-377.25
11/12/07	14:07	7536	-377.25
11/12/07	15:07	7596	-377.25
11/12/07	16:07	7656	-377.25
11/12/07	17:07	7716	-377.25
11/12/07	18:07	7776	-377.25
11/12/07	19:07	7836	-377.28
11/12/07	20:07	7896	-377.3
11/12/07	21:07	7956	-377.3
11/12/07	22:07	8016	-377.3
11/12/07	23:07	8076	-377.3
11/13/07	0:07	8136	-377.3
11/13/07	1:07	8196	-377.3
11/13/07	2:07	8256	-377.3
11/13/07	3:07	8316	-377.3
11/13/07	4:07	8376	-377.3
11/13/07	5:07	8436	-377.27
11/13/07	6:07	8496	-377.27
11/13/07	7:07	8556	-377.27
11/13/07	8:07	8616	-377.27
11/13/07	9:07	8676	-377.27
11/13/07	10:07	8736	-377.27
11/13/07	11:07	8796	-377.27
11/13/07	12:07	8856	-377.27
11/13/07	13:07	8916	-377.27
11/13/07	14:07	8976	-377.27
11/13/07	15:07	9036	-377.27
11/13/07	16:07	9096	-377.27
11/13/07	17:07	9156	-377.27
11/13/07	18:07	9216	-377.27
11/13/07	19:07	9276	-377.27
11/13/07	20:07	9336	-377.27
11/13/07	21:07	9396	-377.27
11/13/07	22:07	9456	-377.27
11/13/07	23:07	9516	-377.27
11/14/07	0:07	9576	-377.27
11/14/07	1:07	9636	-377.27
11/14/07	2:07	9696	-377.27
11/14/07	3:07	9756	-377.27

**RECOVERY MEASUREMENTS
FOR WELL NO. 17**

11/14/07	4:07	9816	-377.22
11/14/07	5:07	9876	-377.22
11/14/07	6:07	9936	-377.22
11/14/07	7:07	9996	-377.22
11/14/07	8:07	10056	-377.22
11/14/07	9:07	10116	-377.22
11/14/07	10:07	10176	-377.22
11/14/07	11:07	10236	-377.22
11/14/07	12:07	10296	-377.22
11/14/07	13:07	10356	-377.22
11/14/07	14:07	10416	-377.22
11/14/07	15:07	10476	-377.22
11/14/07	16:07	10536	-377.22
11/14/07	17:07	10596	-377.22
11/14/07	18:07	10656	-377.22
11/14/07	19:07	10716	-377.22
11/14/07	20:07	10776	-377.22
11/14/07	21:07	10836	-377.22
11/14/07	22:07	10896	-377.22
11/14/07	23:07	10956	-377.22

**RECOVERY MEASUREMENTS
FOR WELL NO. 22**

Well #15 Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	9:30	59	78.81
11/08/07	9:30	1499	78.94
11/09/07	10:50	3019	79.09
11/10/07	11:00	4469	79.24
11/11/07	11:30	5939	79.37
11/12/07	12:30	7439	79.5
11/13/07	10:35	8764	79.61
11/14/07	14:15	10424	79.77

* Well 22 is not equiped with a transducer data was aquired on a once daily basis

**RECOVERY MEASUREMENTS
FOR WELL NO. 23**

Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	8:32	0	15.54
11/07/07	8:33	1	15.52
11/07/07	8:34	2	15.52
11/07/07	8:35	3	15.52
11/07/07	8:36	4	15.52
11/07/07	8:37	5	15.52
11/07/07	8:38	6	15.52
11/07/07	8:39	7	15.52
11/07/07	8:40	8	15.52
11/07/07	8:41	9	15.52
11/07/07	8:42	10	15.52
11/07/07	8:43	11	15.52
11/07/07	8:44	12	15.54
11/07/07	8:45	13	15.52
11/07/07	8:46	14	15.52
11/07/07	8:47	15	15.52
11/07/07	8:48	16	15.52
11/07/07	8:49	17	15.52
11/07/07	8:50	18	15.52
11/07/07	8:52	19	15.52
11/07/07	8:54	21	15.52
11/07/07	8:56	23	15.52
11/07/07	8:58	25	15.52
11/07/07	9:00	27	15.54
11/07/07	9:02	29	15.52
11/07/07	9:04	31	15.52
11/07/07	9:06	33	15.54
11/07/07	9:08	35	15.52
11/07/07	9:10	37	15.52
11/07/07	9:12	39	15.52
11/07/07	9:14	41	15.52
11/07/07	9:16	43	15.54
11/07/07	9:18	45	15.52
11/07/07	9:20	47	15.54
11/07/07	9:22	49	15.54
11/07/07	9:24	51	15.52
11/07/07	9:26	53	15.52
11/07/07	9:28	55	15.52
11/07/07	9:30	57	15.52
11/07/07	9:32	59	15.52
11/07/07	9:34	61	15.52
11/07/07	9:36	63	15.52

**RECOVERY MEASUREMENTS
FOR WELL NO. 23**

11/07/07	9:38	65	15.54
11/07/07	9:40	67	15.52
11/07/07	9:42	69	15.52
11/07/07	9:44	71	15.52
11/07/07	9:46	73	15.52
11/07/07	9:48	75	15.54
11/07/07	9:50	77	15.52
11/07/07	9:52	79	15.52
11/07/07	9:57	81	15.52
11/07/07	10:02	86	15.52
11/07/07	10:07	91	15.52
11/07/07	10:12	96	15.54
11/07/07	10:17	101	15.52
11/07/07	10:22	106	15.52
11/07/07	10:27	111	15.52
11/07/07	10:32	116	15.54
11/07/07	10:37	121	15.52
11/07/07	10:42	126	15.54
11/07/07	10:47	131	15.54
11/07/07	10:52	136	15.54
11/07/07	10:57	141	15.54
11/07/07	11:02	146	15.54
11/07/07	11:07	151	15.54
11/07/07	11:12	156	15.54
11/07/07	11:17	161	15.54
11/07/07	11:22	166	15.54
11/07/07	11:27	171	15.54
11/07/07	11:32	176	15.54
11/07/07	11:37	181	15.55
11/07/07	11:42	186	15.55
11/07/07	11:47	191	15.55
11/07/07	11:52	196	15.55
11/07/07	11:57	201	15.54
11/07/07	12:02	206	15.57
11/07/07	12:07	211	15.55
11/07/07	12:12	216	15.55
11/07/07	12:17	221	15.55
11/07/07	12:22	226	15.55
11/07/07	12:27	231	15.57
11/07/07	12:32	236	15.57
11/07/07	12:37	241	15.55
11/07/07	12:42	246	15.55
11/07/07	12:47	251	15.55
11/07/07	12:52	256	15.55
11/07/07	12:57	261	15.55
11/07/07	13:07	266	15.55
11/07/07	13:17	276	15.55
11/07/07	13:27	286	15.57

**RECOVERY MEASUREMENTS
FOR WELL NO. 23**

11/07/07	13:37	296	15.57
11/07/07	13:47	306	15.55
11/07/07	13:57	316	15.57
11/07/07	14:07	326	15.59
11/07/07	14:17	336	15.59
11/07/07	14:27	346	15.57
11/07/07	14:37	356	15.59
11/07/07	14:47	366	15.57
11/07/07	14:57	376	15.57
11/07/07	15:07	386	15.57
11/07/07	15:17	396	15.59
11/07/07	15:27	406	15.57
11/07/07	15:37	416	15.57
11/07/07	15:47	426	15.57
11/07/07	15:57	436	15.57
11/07/07	16:07	446	15.57
11/07/07	16:17	456	15.57
11/07/07	16:27	466	15.57
11/07/07	16:37	476	15.57
11/07/07	16:47	486	15.59
11/07/07	16:57	496	15.57
11/07/07	17:07	506	15.59
11/07/07	17:17	516	15.57
11/07/07	17:27	526	15.57
11/07/07	17:37	536	15.57
11/07/07	17:47	546	15.57
11/07/07	17:57	556	15.57
11/07/07	18:07	566	15.57
11/07/07	18:17	576	15.57
11/07/07	18:27	586	15.57
11/07/07	18:37	596	15.59
11/07/07	18:47	606	15.55
11/07/07	18:57	616	15.57
11/07/07	19:07	626	15.57
11/07/07	19:17	636	15.55
11/07/07	19:27	646	15.55
11/07/07	19:37	656	15.55
11/07/07	19:47	666	15.59
11/07/07	19:57	676	15.55
11/07/07	20:07	686	15.57
11/07/07	21:07	696	15.55
11/07/07	22:07	756	15.55
11/07/07	23:07	816	15.55
11/08/07	0:07	876	15.55
11/08/07	1:07	936	15.55
11/08/07	2:07	996	15.57
11/08/07	3:07	1056	15.61
11/08/07	4:07	1116	15.61

**RECOVERY MEASUREMENTS
FOR WELL NO. 23**

11/08/07	5:07	1176	15.61
11/08/07	6:07	1236	15.63
11/08/07	7:07	1296	15.63
11/08/07	8:07	1356	15.61
11/08/07	9:07	1416	15.61
11/08/07	10:07	1476	15.61
11/08/07	11:07	1536	15.63
11/08/07	12:07	1596	15.63
11/08/07	13:07	1656	15.67
11/08/07	14:07	1716	15.69
11/08/07	15:07	1776	15.69
11/08/07	16:07	1836	15.69
11/08/07	17:07	1896	15.69
11/08/07	18:07	1956	15.69
11/08/07	19:07	2016	15.67
11/08/07	20:07	2076	15.67
11/08/07	21:07	2136	15.69
11/08/07	22:07	2196	15.67
11/08/07	23:07	2256	15.69
11/09/07	0:07	2316	15.69
11/09/07	1:07	2376	15.71
11/09/07	2:07	2436	15.73
11/09/07	3:07	2496	15.71
11/09/07	4:07	2556	15.74
11/09/07	5:07	2616	15.74
11/09/07	6:07	2676	15.76
11/09/07	7:07	2736	15.78
11/09/07	8:07	2796	15.76
11/09/07	9:07	2856	15.76
11/09/07	10:07	2916	15.74
11/09/07	11:07	2976	15.78
11/09/07	12:07	3036	15.82
11/09/07	13:07	3096	15.84
11/09/07	14:07	3156	15.86
11/09/07	15:07	3216	15.88
11/09/07	16:07	3276	15.9
11/09/07	17:07	3336	15.9
11/09/07	18:07	3396	15.9
11/09/07	19:07	3456	15.88
11/09/07	20:07	3516	15.86
11/09/07	21:07	3576	15.86
11/09/07	22:07	3636	15.84
11/09/07	23:07	3696	15.82
11/10/07	0:07	3756	15.82
11/10/07	1:07	3816	15.82
11/10/07	2:07	3876	15.82
11/10/07	3:07	3936	15.82
11/10/07	4:07	3996	15.82

**RECOVERY MEASUREMENTS
FOR WELL NO. 23**

11/10/07	5:07	4056	15.82
11/10/07	6:07	4116	15.82
11/10/07	7:07	4176	15.82
11/10/07	8:07	4236	15.82
11/10/07	9:07	4296	15.8
11/10/07	10:07	4356	15.8
11/10/07	11:07	4416	15.82
11/10/07	12:07	4476	15.82
11/10/07	13:07	4536	15.84
11/10/07	14:07	4596	15.84
11/10/07	15:07	4656	15.88
11/10/07	16:07	4716	15.88
11/10/07	17:07	4776	15.88
11/10/07	18:07	4836	15.88
11/10/07	19:07	4896	15.9
11/10/07	20:07	4956	15.88
11/10/07	21:07	5016	15.9
11/10/07	22:07	5076	15.92
11/10/07	23:07	5136	15.9
11/11/07	0:07	5196	15.92
11/11/07	1:07	5256	15.93
11/11/07	2:07	5316	15.95
11/11/07	3:07	5376	15.97
11/11/07	4:07	5436	15.99
11/11/07	5:07	5496	15.97
11/11/07	6:07	5556	15.97
11/11/07	7:07	5616	15.93
11/11/07	8:07	5676	15.92
11/11/07	9:07	5736	15.9
11/11/07	10:07	5796	15.88
11/11/07	11:07	5856	15.86
11/11/07	12:07	5916	15.84
11/11/07	13:07	5976	15.8
11/11/07	14:07	6036	15.76
11/11/07	15:07	6096	15.76
11/11/07	16:07	6156	15.71
11/11/07	17:07	6216	15.69
11/11/07	18:07	6276	15.65
11/11/07	19:07	6336	15.57
11/11/07	20:07	6396	15.55
11/11/07	21:07	6456	15.52
11/11/07	22:07	6516	15.5
11/11/07	23:07	6576	15.46
11/12/07	0:07	6636	15.44
11/12/07	1:07	6696	15.44
11/12/07	2:07	6756	15.44
11/12/07	3:07	6816	15.42
11/12/07	4:07	6876	15.4

**RECOVERY MEASUREMENTS
FOR WELL NO. 23**

11/12/07	5:07	6936	15.4
11/12/07	6:07	6996	15.38
11/12/07	7:07	7056	15.38
11/12/07	8:07	7116	15.37
11/12/07	9:07	7176	15.33
11/12/07	10:07	7236	15.33
11/12/07	11:07	7296	15.31
11/12/07	12:07	7356	15.33
11/12/07	13:07	7416	15.33
11/12/07	14:07	7476	15.33
11/12/07	15:07	7536	15.33
11/12/07	16:07	7596	15.33
11/12/07	17:07	7656	15.33
11/12/07	18:07	7716	15.31
11/12/07	19:07	7776	15.29
11/12/07	20:07	7836	15.29
11/12/07	21:07	7896	15.29
11/12/07	22:07	7956	15.29
11/12/07	23:07	8016	15.27
11/13/07	0:07	8076	15.27
11/13/07	1:07	8136	15.29
11/13/07	2:07	8196	15.31
11/13/07	3:07	8256	15.31
11/13/07	4:07	8316	15.31
11/13/07	5:07	8376	15.31
11/13/07	6:07	8436	15.33
11/13/07	7:07	8496	15.37
11/13/07	8:07	8556	15.33
11/13/07	9:07	8616	15.31
11/13/07	10:07	8676	15.33
11/13/07	11:07	8736	15.31
11/13/07	12:07	8796	15.33
11/13/07	13:07	8856	15.37
11/13/07	14:07	8916	15.4
11/13/07	15:07	8976	15.38
11/13/07	16:07	9036	15.37
11/13/07	17:07	9096	15.37
11/13/07	18:07	9156	15.38
11/13/07	19:07	9216	15.37
11/13/07	20:07	9276	15.38
11/13/07	21:07	9336	15.4
11/13/07	22:07	9396	15.4
11/13/07	23:07	9456	15.38
11/14/07	0:07	9516	15.38
11/14/07	1:07	9576	15.42
11/14/07	2:07	9636	15.4
11/14/07	3:07	9696	15.4
11/14/07	4:07	9756	15.42

**RECOVERY MEASUREMENTS
FOR WELL NO. 23**

11/14/07	5:07	9816	15.46
11/14/07	6:07	9876	15.44
11/14/07	7:07	9936	15.46
11/14/07	8:07	9996	15.42
11/14/07	9:07	10056	15.42
11/14/07	10:07	10116	15.42
11/14/07	11:07	10176	15.42
11/14/07	12:07	10236	15.46
11/14/07	13:07	10296	15.46
11/14/07	14:07	10356	15.48
11/14/07	15:07	10416	15.5
11/14/07	16:07	10476	15.5
11/14/07	17:07	10536	15.52
11/14/07	18:07	10596	15.52
11/14/07	19:07	10656	15.5
11/14/07	20:07	10716	15.5
11/14/07	21:07	10776	15.5
11/14/07	22:07	10836	15.52
11/14/07	23:07	10896	15.52
11/14/07		10956	15.54

**RECOVERY MEASUREMENTS
FOR WELL NO. B-3**

Well #15 Pumping Stopped: 11/7/2007 8:31

Date	Time	Total Recovery Time (min)	Depth to Water (ft)
11/07/07	9:30	59	18.35
11/08/07	9:30	1499	18.41
11/09/07	10:50	3019	18.52
11/10/07	11:00	4469	18.54
11/11/07	11:30	5939	18.53
11/12/07	12:30	7439	18.55
11/13/07	10:35	8764	18.47
11/14/07	14:15	10424	18.51

* Well B-3 is not equipped with a transducer data was acquired on a once daily basis

APPENDIX D

MAMMOTH CREEK STREAMFLOW MEASUREMENTS

**MAMMOTH CREEK STREAMFLOW
OLD MAMMOTH ROAD**

Daily discharge in cubic feet per second

Day	2007	
	OCT	NOV
1	4.7	5.8
2	4.6	5.8
3	5.4	5.8
4	5.6	5.8
5	5.5	5.8
6	6.1	6.3
7	5.7	6.3
8	5.9	6.3
9	6.0	6.3
10	6.9	6.2
11	7.0	9.4
12	6.8	7.6
13	7.5	6.7
14	7.0	6.5
15	6.7	6.5
16	6.5	5.6
17	6.9	6.0
18	5.6	5.9
19	6.3	5.6
20	5.8	6.5
21	4.7	6.6
22	5.2	6.1
23	5.8	5.7
24	6.2	6.1
25	6.3	6.2
26	5.9	6.0
27	5.9	6.7
28	6.1	5.8
29	6.9	6.0
30	8.6	5.8
31	6.1	

Mean	6.1	6.1
Maximum	8.6	8.6
Minimum	4.7	4.6

WELL 15 PUMP TEST

Antecedent Period 10/17/07 - 10/23/07

Pumping Period 10/24/07 - 11/7/07

Recovery Period 11/8/07 - 11/14/07

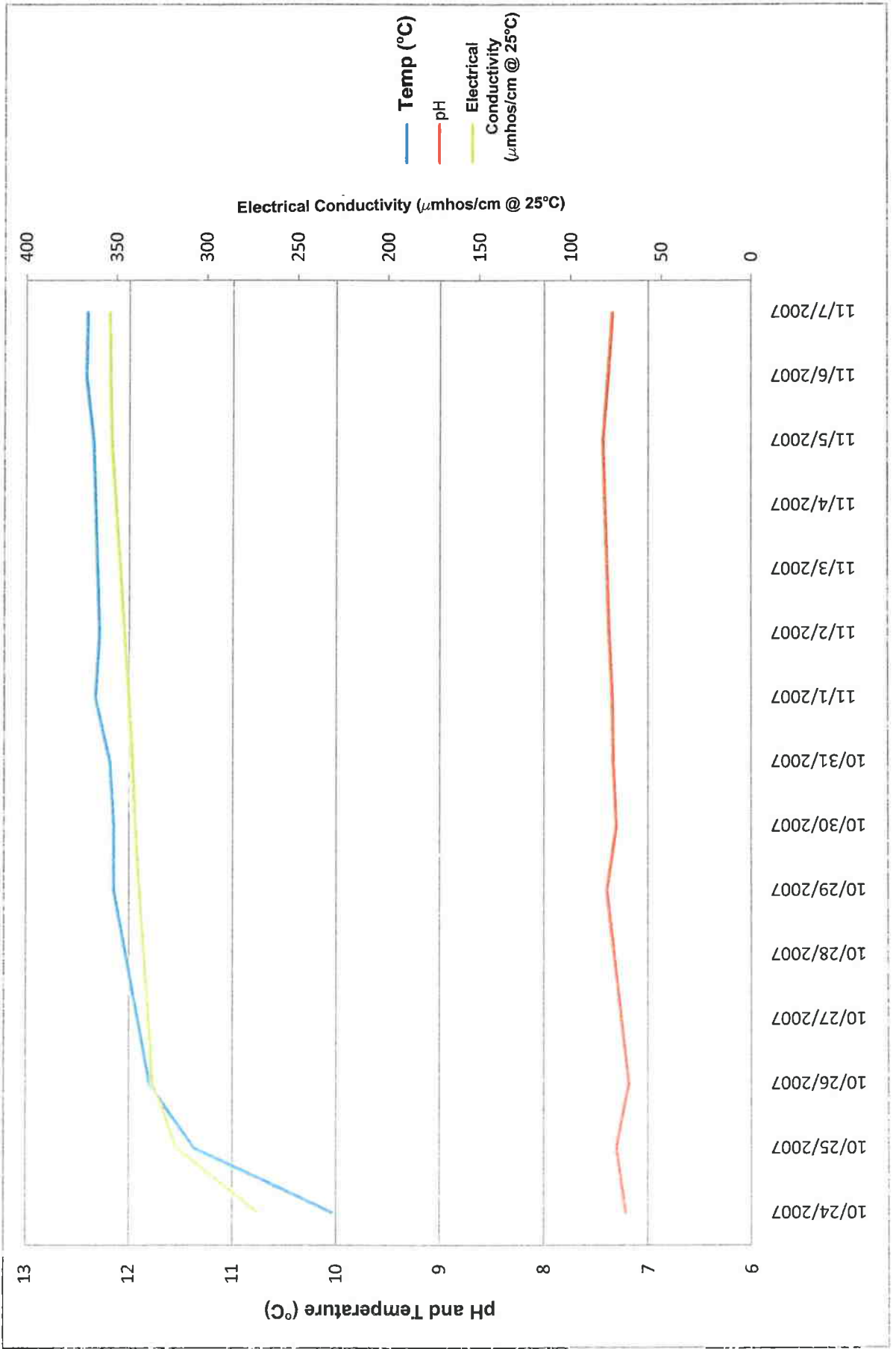
APPENDIX E

WATER QUALITY RESULTS

FIELD PARAMETERS OF WATER FROM WELL NO. 15

Well 15 samples					Electrical Conductivity (μ mhos/cm @ 25°C)	initials
Test Day	Date	Time	Temp (°C)	pH		
8	10/24/2007	16:03	10.04	7.22	272	CM
9	10/25/2007	11:25	11.37	7.31	316.4	CM
10	10/26/2007	10:04	11.8	7.19	329.6	CM
13	10/29/2007	11:37	12.15	7.4	337.2	CM
14	10/30/2007	10:26	12.15	7.31	339.5	CM
15	10/31/2007	9:23	12.19	7.34	340.9	CM
16	11/1/2007	7:45	12.33	7.35	343.2	CM
17	11/2/2007	9:37	12.29	7.38	345.5	VO
20	11/5/2007	9:35	12.35	7.44	352.8	CM
21	11/6/2007	14:39	12.42	7.39	353.5	CM
22	11/7/2007	8:22	12.41	7.35	353.9	CM

WATER QUALITY FOR WELL NO. 15



**FIELD PARAMETERS OF WATER FROM MAMMOTH CREEK
@ OLD MAMMOTH ROAD GAGING STATION**

Mammoth Creek @ OMR Pump test data						Electrical Conductivity (μ mhos/cm @ 25°C)	Baro inHg	Initials
Pump Phase	Test Day	Date	Time	Temp (°C)	pH			
Pre Pumping	1	10/17/2007	10:35	3.46	7.85	231	29.85	CM
Pre Pumping	2	10/18/2007	13:29	8.52	7.97	240	30.07	AC
Pre Pumping	3	10/19/2007	9:30	5.68	7.93	235	30.08	AC
Pre Pumping	4	10/20/2007	16:00	7.77	8.08	234	29.95	AC
Pre Pumping	5	10/21/2007	12:28	4.03	8.16	246.9	30.24	CM
Pre Pumping	6	10/22/2007	9:40	2.19	8.18	243.3	30.43	CM
Pre Pumping	7	10/23/2007	8:41	3.31	7.92	237	30.43	VO
Pumping	8	10/24/2007	8:45	3.89	7.75	236.2	30.32	CM
Pumping	9	10/25/2007	10:54	5.99	8.02	234.8	30.13	CM
Pumping	10	10/26/2007	9:39	4.78	8.18	236.4	30.03	CM
Pumping	11	10/27/2007	10:30	6.67	8.35	238	30.21	AC
Pumping	12	10/28/2007	11:00	8.06	8.06	236	30.29	AC
Pumping	13	10/29/2007	11:22	6.92	8.19	235.1	30.25	CM
Pumping	14	10/30/2007	9:57	4.54	8.16	228.7	30.19	CM
Pumping	15	10/31/2007	8:59	3.77	8.36	233.4	30.29	CM
Pumping	16	11/1/2007	7:30	3.23	8.26	234.5	30.25	CM
Pumping	17	11/2/2007	9:15	2.96	8.17	235	30.28	VO
Pumping	18	11/3/2007	11:33	4.14	8.22	234.1	30.38	AC
Pumping	19	11/4/2007	12:45	4.12	8.26	235.4	30.24	CM
Pumping	20	11/5/2007	9:09	2.64	8.44	236.6	30.18	CM
Pumping	21	11/6/2007	14:30	7.55	8.2	235.1	30.11	CM
Post Pumping	22	11/7/2007	10:32	4.75	8.08	235.4	30.18	VO
Post Pumping	23	11/8/2007	8:39	2.94	8.07	236.6	30.13	VO
Post Pumping	24	11/9/2007	11:22	6.41	8.2	235.9	29.97	AC
Post Pumping	25	11/10/2007	12:46	6.58	8.27	236.4	30.00	AC
Post Pumping	26	11/11/2007	12:03	6.01	7.95	227.9	29.93	AC
Post Pumping	27	11/13/2007	11:30	6.21	8.05	234	30.05	AC
Post Pumping	28	11/13/2007	10:27	4.77	7.83	231	30.21	CM
Post Pumping	29	11/14/2007	11:21	5.42	8.58	232	30.19	CM

WATER QUALITY FOR MAMMOTH CREEK @ OLD MAMMOTH ROAD GAGING STATION

