RENO CREEK

ISL PROJECT

ATTACHMENT 10D

MP-9 STEP-DRAWDOWN TEST AND
MULTI-WELL AQUIFER TEST

June 30, 1994

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10D.0 INTRODUCTION AND SUMMARY

Energy Fuels Nuclear, Inc. (EFNI), conducted a multi-well aquifer test in Mining Unit #I to better define the Lower Ore Sand aquifer properties in this area. Prior to conducting the multi-well test, a step drawdown test was run to provide estimates of anticipated drawdown in the pumping well for varying discharge rates.

The multi-well test was designed to provide site-specific aquifer data for the Lower Ore Sand in Mine Unit I. This objective includes collection of data on Ore Sand aquifer properties and data on the integrity of the overlying aquitard. The array of wells, as shown in Figures 10D-1 and 10D-1A, consists of a pumping well, four observation wells completed in the same sand unit as MP-9, and observation wells in the Upper Ore Sand (overlying aquifer) (MO-2) and the Upper Aquifer (MU-2). Figure 10D-1A shows a cross-section schematic of the completion of wells used in the MP-9 multi-well pump test. Well MP-9 is a fully penetrating well, and the four Lower Ore Sand observation wells, MP-2, RI-45, RI-46, and RI-47, are partially penetrating wells with 10- to 17-foot screened intervals at approximately equal elevations, corresponding to the expected mining horizon in this area of Mine Unit I. Chapter 9 and Figure 9.3 of the Amendment to the Mine Permit Application provide specific references as to the naming and location of the stratigraphic units referenced herein.

The multi-well aquifer test involved pumping well MP-9 while observing water level changes in four Lower Ore sand wells. One overlying aquifer (Upper Ore sand) well was observed for drawdown during the multi-well test. Water levels were also observed in the Upper Aquifer, above the Upper Ore Sand and the Felix Coal sequence. Water levels in these two wells in the overlying units were monitored to determine whether or not the effects of pumping in the Lower Ore Sand could be observed in these overlying units.

A 24-hour pumping and 24-hour recovery multi-well aquifer test was conducted in the Lower Ore sand with four Lower Ore sand observation wells. Well MP-9 was pumped at an average rate of 15.5

gallons per minute. Drawdowns of 40, 21, 18, 19, and 12 feet were developed in wells MP-9, MP-2, RI-45, RI-46, and RI-47, respectively. Table 10D-1A summarizes the aquifer properties calculated from the data gathered during this test. A transmissivity of 375 gal/day/ft and an average permeability of 0.49 ft/day (0.14 darcy) are calculated for this area of the Lower Ore sand. A storage coefficient of 1.6E-4 is calculated for the Lower Ore sand in this area. Pumping in the Lower Ore Sand produced no measurable effects on water levels in the Upper Ore sand or the Upper Aquifer.

The observed aquifer properties at the site of the MP-9 aquifer test are specific to that site. While the calculated aquifer property values are believed to be in the normal range for this aquifer system, these exact values may not be applicable throughout the entire Mine Unit or Permit Area.

10D.1 STEP DRAWDOWN TEST ON PUMPING WELL MP-9

Prior to the multi-well aquifer test, three one-hour step-drawdown tests were performed on pumping well MP-9 to estimate the specific capacity of the pumping well (i.e., drawdown for a specified yield). The step-drawdown test results were used to select a discharge rate for the multi-well test. The discharge rate was selected at a level to produce substantial drawdown in the observation wells yet maintain sufficient fluid level above the pump in the pumping well to allow uninterrupted pumping during the test.

The duration of the step-drawdown test was not great enough to affect the same volume of the aquifer as was affected during the 24-hour multi-well test; therefore, the long term specific capacity calculated from the 24-hour test differs from that calculated from the step-drawdown test.

10D.1.1 PUMPING WELL MP-9 AT 8.9 GPM

Table 10D-2 presents the manual water level measurements and discharge measurements for pumping well MP-9 at an average rate of

8.9 GPM. Table 10D-3 presents the transducer data collected during this test. Figure 10D-2 presents the drawdown plot of pumping well MP-9 at the 8.9 GPM discharge. The straight-line fit of these drawdown data yields a transmissivity of 615 gal/day/ft. Pumping well MP-9 produced 14.6 feet of drawdown at 8.9 GPM or a specific yield of 0.61 gal/min/ft of drawdown. Figure 10D-3 presents a plot of the recovery data which yields a slightly larger transmissivity. The two points at t/t' (time since pumping started/time since pumping stopped) = 1.27 and 1.3 are interpreted as manual measurement error and were not considered in fitting the straight line.

10D.1.2 PUMPING WELL MP-9 AT 14 GPM

Table 10D-4 presents the pumping and drawdown data in well MP-9 at 14 GPM. Figure 10D-4 presents the semi-log plot of the drawdown data which yields a transmissivity of 676 gal/day/ft. At the end of one hour of pumping, 22.7 feet of drawdown had developed, which yields a specific capacity of 0.62 gal/min/ft of drawdown or essentially the same specific capacity as measured from the 8.9 GPM test. Figure 10D-5 presents the plot of the recovery after pumping at 14 GPM for 60 minutes.

10D.1.3 PUMPING WELL MP-9 AT 22 GPM

Tables 10D-5 and 10D-6 present the manual and transducer water level measurements for pumping well MP-9 at 22 GPM. Figure 10D-6 presents the drawdown plot of this pumping well. For the first nine minutes of pumping, the pumping rate was 14.5 GPM. After nine minutes, the discharge meter was removed to allow the pump to produce its maximum rate. The rate was increased to the capacity of the pump, 22 GPM, for the remainder of the test. The time scale was adjusted for these different pumping rates. The straight-line fit of these data results in a transmissivity of 733 gal/day/ft. At the end of one hour of pumping, 31.4 feet of drawdown had developed. This yields a specific capacity of 0.7 gal/min/ft. The increase in specific capacity with the increased pumping rate suggests that well MP-9 was undergoing additional development with

the continual pumping. Figure 10D-6A presents the plot of the recovery, which indicates that the average transmissivity is smaller at larger distances from well MP-9.

10D.1.4 SPECIFIC CAPACITY VERSUS DISCHARGE FOR WELL MP-9

Figure 10D-6B presents the plot of the inverse of the specific capacity versus discharge for well MP-9. Generally, the inverse of the specific capacity increases as the discharge increases for a pumping well. An opposite relationship is shown for these three data points for well MP-9. This is probably due to increased well development with time. The straight-line fit of these three data points is shown with the intercept and the slope of the line. The relationship between the inverse of the specific capacity and the discharge would be expected to have a positive slope if increased discharge rates were produced from this well. The specific capacities from the first two discharges are essentially equal; therefore, the increase in specific capacity with increased discharge is based on the larger rate. These data indicate that a specific capacity of approximately 0.6 gal/min/ft of drawdown is expected for well MP-9.

For purposes of the full-scale aquifer test, the three one-hour step-drawdown tests indicated that the varying pumping rates may have provided final well development prior to the full-scale test. The step-drawdown test data were used to determine the maximum discharge rate based on predicted drawdown at the pumping well.

10D.2 MP-9 MULTI-WELL AQUIFER TEST

A 24-hour pumping and 24-hour recovery multi-well aquifer test was conducted starting on June 8, 1994, at 13:00. Figures 10D-1 and 10D-1A present the locations and stratigraphic diagrams of the wells that were used in the MP-9 multi-well pump test. Basic well data are presented in Table 10D-1. Well MP-9 was pumped while four Lower Ore sand wells were observed for drawdown. Monitoring well MO-2 was observed to determined whether or not drawdown occurred in

the overlying aquifer. Well MO-2 is completed in the Upper Ore sand which is the aquifer immediately overlying the mining horizon in Mining Unit #1. Well MU-2, which is completed in the Upper Aquifer above the Felix Coal and the Upper Aquitard (as presented on Figures 10D-1A and 9.3), was also monitored during the aquifer test.

10D.2.1 PUMPING WELL MP-9

Well MP-9 was pumped at an average rate of 15.5 GPM on June 8 through June 9, 1994. Well MP-9 fully penetrates the Lower Ore sand which is 103 feet thick at this location. Barometric pressure data were collected during the MP-9 pump test using a recording barograph on site. Figure 10D-6C presents the barometric pressure data collected during the MP-9 pump test. These data were used to adjust the drawdown data for changes in barometric pressure.

Figure 10D-7 shows the uncorrected and corrected pre-test data for pumping well MP-9. Table 10D-7 presents the manual water level measurements taken in well MP-9 and the discharge information. Table 10D-8 presents the transducer data for pumping well MP-9. The pump was initially started at 11:30 but the discharge meter was not working, and pumping was stopped at 11:35. One additional minute of pumping was conducted at 11:52 to test the meter. The six minutes of pumping created approximately 0.2 feet of drawdown at MP-9 at the start of the pump test. This small amount of drawdown is insignificant relative to the large drawdowns observed in the pump test. Therefore, no corrections were made for the six minutes of pumping.

Well MP-9 had been pumped for approximately six hours on June 6 from 10:30 to 16:28. This prior pumping was causing a very gradual rise in the water level with time. The prior "pump on" and "pump off" times were used to calculate a t/t' ratio which was used with the slope of the recovery from the previous pumping to correct for this prior trend of rising water levels. The t/t' value presented in Figure 10D-7 is a function of the earlier pumping and was used to correct the pre-data. The previous trend correction

results in less than 0.3 ft of correction during the drawdown test, which could have been ignored without introducing a significant error. The water levels in Tables 10D-2 through 10D-20 are not corrected. Only the drawdown data are adjusted if corrections are applied to a particular well, as described in the following sections relating to the measurements taken at each well included in the test.

Figure 10D-8 presents a semi-log plot of the drawdown data for the pumping well. These drawdown data were corrected for the prior trend which was used to fit the pre-data. A zero barometric pressure correction was used on the pumping well. The straight-line fit in Figure 10D-8 yields a transmissivity of 439 gal/day/ft. The early straight-line is at a flatter slope than the late time straight-line and yields a transmissivity similar to those obtained from the short step-drawdown tests. This difference in slope is a function of the small variations in discharge observed during the pump test and of local variations in aquifer properties. Table 10D-7 presents the measured discharge rates during the MP-9 multi-well pump test.

Figure 10D-9 presents the semi-log plot of the recovery data in pumping well MP-9. The straight-line fit of these late time data yields a transmissivity of 362 gal/day/ft. The recovery data were also corrected for the prior trend from the earlier pumping. This correction of the recovery data would be less than 0.2 feet of water and, therefore, insignificant relative to this plot.

10D.2.2 OBSERVATION WELL MP-2

Observation well MP-2, which is completed in the Lower Ore sand, is located 90 feet west of pumping well MP-9. Table 10D-9 presents the manual drawdown data for observation well MP-2 while the transducer data are presented in Table 10D-10. Figure 10D-10 presents the corrected pre-test data for observation well MP-2. A prior recovery slope of 15.5 feet/log cycle was used to correct for the recovery from the previous pumping on June 6. This correction slope causes the prior pumping water level to be flat with a

barometric pressure coefficient of 0.3 feet of water per inch of mercury.

Figure 10D-11 presents the corrected drawdown for observation well MP-2. The straight-line fit of these drawdown data yields a transmissivity of 359 gal/day/ft and a storage coefficient of 1.8E-4. Figure 10D-12 presents the log-log fit of the drawdown data. This log-log fit of the Theis type curve yields a transmissivity of 335 gal/day/ft and a storage coefficient of 2.2E-4.

Figure 10D-13 presents the recovery data for observation well MP-2. The late-time recovery data yield a transmissivity of 359 gal/day/ft. The recovery data are also corrected for the prior trend due to the previous pumping. The transducer data in well MP-2 are displaced from the manual data, indicating a deviation with time in the transducer correlation. The transducer may have been malfunctioning, causing this departure. Therefore, the manual data were used to fit the straight-line for the recovery data, because these values are likely to be more accurate.

10D.2.3 OBSERVATION WELL RI-45

Figure 10D-14 presents the uncorrected and corrected pre-test data for observation well RI-45. This plot shows that the uncorrected transducer water levels were recovering in response to the prior pumping on June 6. A trend with a t/t' slope of 18 and a barometric coefficient of 0.3 were used to obtain the relatively flat pre-test drawdown data. This trend slope is in the same range, but slightly greater than the trend slopes for other wells. These correction factors were used to correct the drawdown and recovery data for observation well RI-45. The manually-measured water levels are presented in Table 10D-11, while the transducer data are presented in Table 10D-12.

Figure 10D-15 presents the plot of the drawdown data. This semi-log plots yields a good straight-line fit which produced a transmissivity of 390 gal/day/ft and a storage coefficient of 6.9E-5. The storage coefficient for well RI-45 is approximately

one-half the value estimated for the remainder of the wells. Figure 10D-16 presents the log-log plot of the drawdown data and the Theis type curve. The drawdown data collected in observation well RI-45 fit the Theis type curve well and produce a transmissivity of 433 gal/day/ft and a storage coefficient of 5.0E-5. These values are similar to those obtained from the straight-line fit.

Figure 10D-17 presents the plot of the recovery of well RI-45. The straight-line fit of these recovery data yields a transmissivity of 397 gal/day/ft. The manual data were used to obtain this straight-line because the transducer data may have contained erronous measurements, as indicated by a slight drift in the transducer results.

10D.2.4 OBSERVATION WELL RI-46

Tables 10D-13 and 10D-14 present the manual and transducer data, respectively, for observation well RI-46. The pre-test data are presented in Figure 10D-18. A prior t/t' of 15 was used with a barometric coefficient of 0.3 to obtain the steady water level for the pre-test data. These correction parameters were used to correct the drawdown and recovery data for observation well RI-46. The correction for the drawdown data would be less than 0.3 feet and the recovery would be less than 0.2 feet for a total correction during this test of approximately 0.4 feet. These corrections are small compared to the amount of drawdown observed in RI-46. Therefore, even if these corrections were not made, the estimates of aquifer properties would not be significantly different.

Figure 10D-19 presents the drawdown in observation well RI-46 on a semi-log plot. A good straight-line fit produces a transmissivity of 390 gal/day/ft and a storage coefficient of 1.7E-4. Figure 10D-20 presents the log-log plot of the drawdown data and the fit of this drawdown with the Theis type curve. The fit of these drawdown data to the Theis type curve yields a transmissivity of 386 gal/day/ft and a storage coefficient of

1.9E-4. These values are similar to those obtained from the straight-line fit.

Figure 10D-21 presents the fit of the recovery data. The manual data were used to obtain this fit and produce a transmissivity of 405 gal/day/ft.

10D.2.5 OBSERVATION WELL RI-47

Observation well RI-47 is located 217 feet north of pumping well MP-9. Tables 10D-15 and 10D-16 present the manual and transducer data, respectively, for this observation well. Figure 10D-22 presents the uncorrected and corrected pre-test data for observation well RI-47. A recovery slope of 13.5 was used to correct the pre-test data to obtain a relatively steady level. A barometric pressure coefficient of 0.1 was also used in this fit of the pre-test data. These correction parameters were applied both to the manual and transducer data.

Drawdown data in observation well RI-47 are presented in Figure 10D-23. The late-time data yield a good fit of these drawdown data. The slope of this line yields a transmissivity of 409 gal/day/ft and the intercept yields a storage coefficient of 1.4E-4. The log-log fit of these data to the Theis curve (presented in Figure 10D-24) is not as good as some of the previously discussed drawdown plots. The late-time data yield a transmissivity of 467 gal/day/ft and a storage coefficient of 1.2E-4. The variability in the early-time drawdown data is reasonable, considering the heterogeneous nature of the Lower Ore sand.

The recovery of observation well RI-47 is presented in Figure 10D-25 and yields a transmissivity of 379 gal/day/ft for the Lower Ore sand. This recovery value agrees reasonably well with the straight-line drawdown value.

10D.2.6 OBSERVATION WELL MO-2

The overlying aquifer for the MP-9 pump test is the Upper Ore sand. Well MO-2 is completed in the Upper Ore sand 50 feet from

pumping well MP-9. Tables 10D-17 and 10D-18 present the manual and transducer data, respectively, collected in well MO-2 for this pump test.

Figure 10D-26 presents the uncorrected and corrected pre-test data for observation well MO-2. A barometric pressure coefficient of 0.2 and a linear trend of -0.08 ft/day were used to correct the pre-test data. The corrected pre-test data shows essentially very little water level change with time with the pre-test data indicating a good fit with these correction parameters.

Figure 10D-27 presents the corrected water level change for observation well MO-2 on a semi-log plot. These corrected data show very little change in the water level data with a possible gradual rise during the early portion of the pump test and a slight recovery of this rise toward the end of the pump test.

The one-day recovery test data are also presented on Figure 10D-27 as a function of time since pumping started. The lack of drawdown or recovery in the overlying aquifer from the MP-9 pumping verifies confinement above the Lower Ore sand in this area.

10D.2.7 OBSERVATION WELL MU-2

Upper Aquifer well MU-2 was also monitored during the MP-9 test. The Upper Aquifer overlies the Felix coal and is above the overlying aquifer (Upper Ore sand).

Table 10D-19 and 10D-20 present the corrected manual and transducer data, respectively. Figure 10D-28 presents the uncorrected and corrected data for observation well MU-2. A gradual water level rise was observed between 1500 and 1000 minutes prior to the start of the pump test. The data were corrected for a linear trend of -0.07 ft/day and no barometric pressure correction. These corrected water levels showed no changes for the 1000 minutes prior to the start of the pump test. The correction was selected on the fit of the pre-data closest to the start of the test, because this trend would be expected to continue throughout the pump test.

Figure 10D-29 presents the plot of the 48 hours of the combined portions of pumping and recovery of the MP-9 pump test from well MU-2. The plot of these water level data with a -0.07 ft/day trend results in a fairly flat water level plot. Some variation was observed as a gradual rise and a gradual decline with time from these data, but no consistent direction was developed. This indicates that no drawdown occurred in the Upper Aquifer due to the pumping of the Lower Ore sand well MP-9.

10D.3 DIRECTIONAL TRANSMISSIVITY

This section presents the results of the directional transmissivity calculations for the four monitoring wells from the MP-9 multi-well test. Four combinations of three wells were used in these calculations. These results are presented in Tables 10D-21 through 10D-24. The minor transmissivity, on the average, is approximately 55 percent of the major transmissivity. The orientation of the major transmissivity axis is N54°W. The estimates of directional transmissivity are specific to and representative of the wells and aquifer volume involved in this aquifer test.

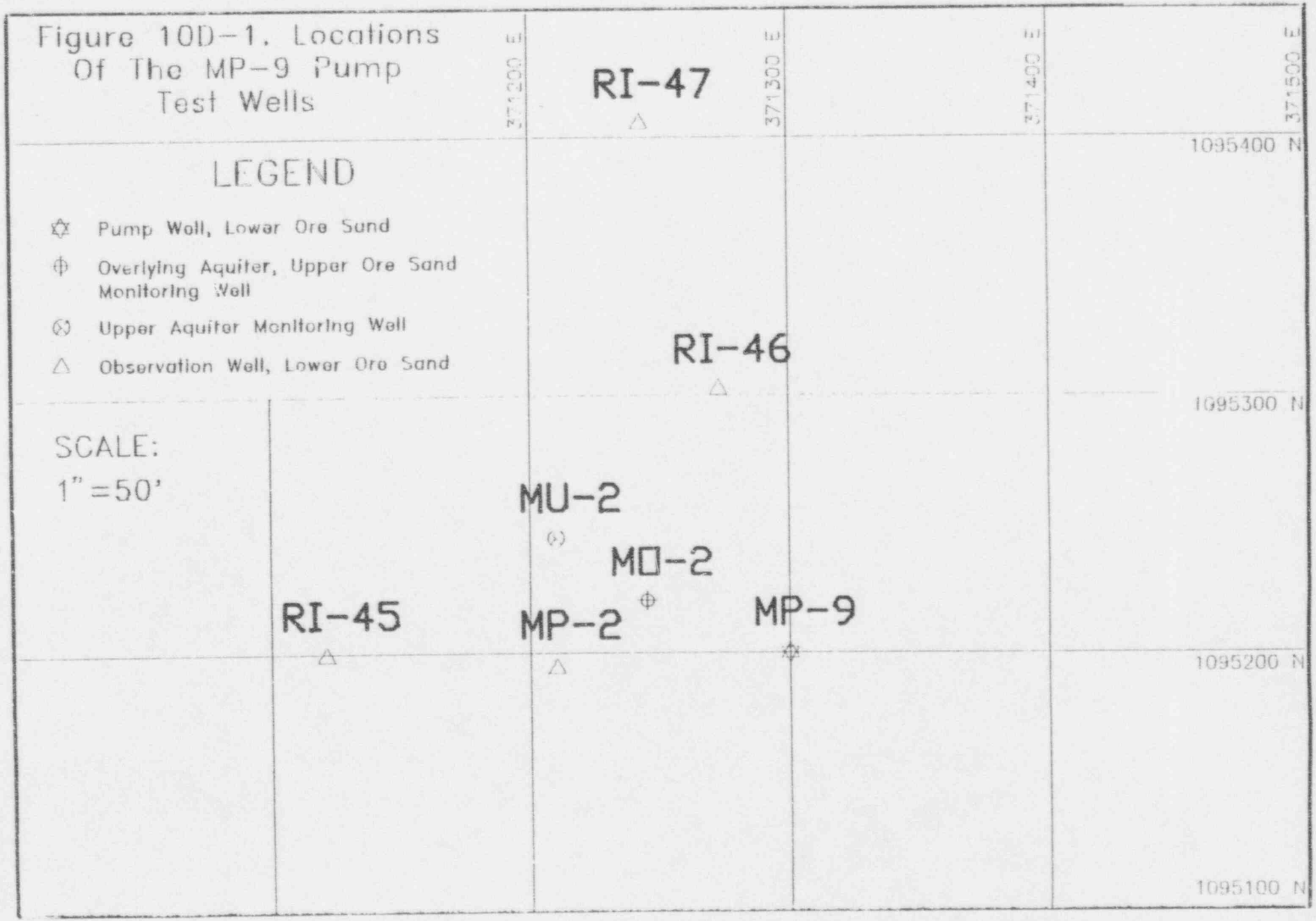
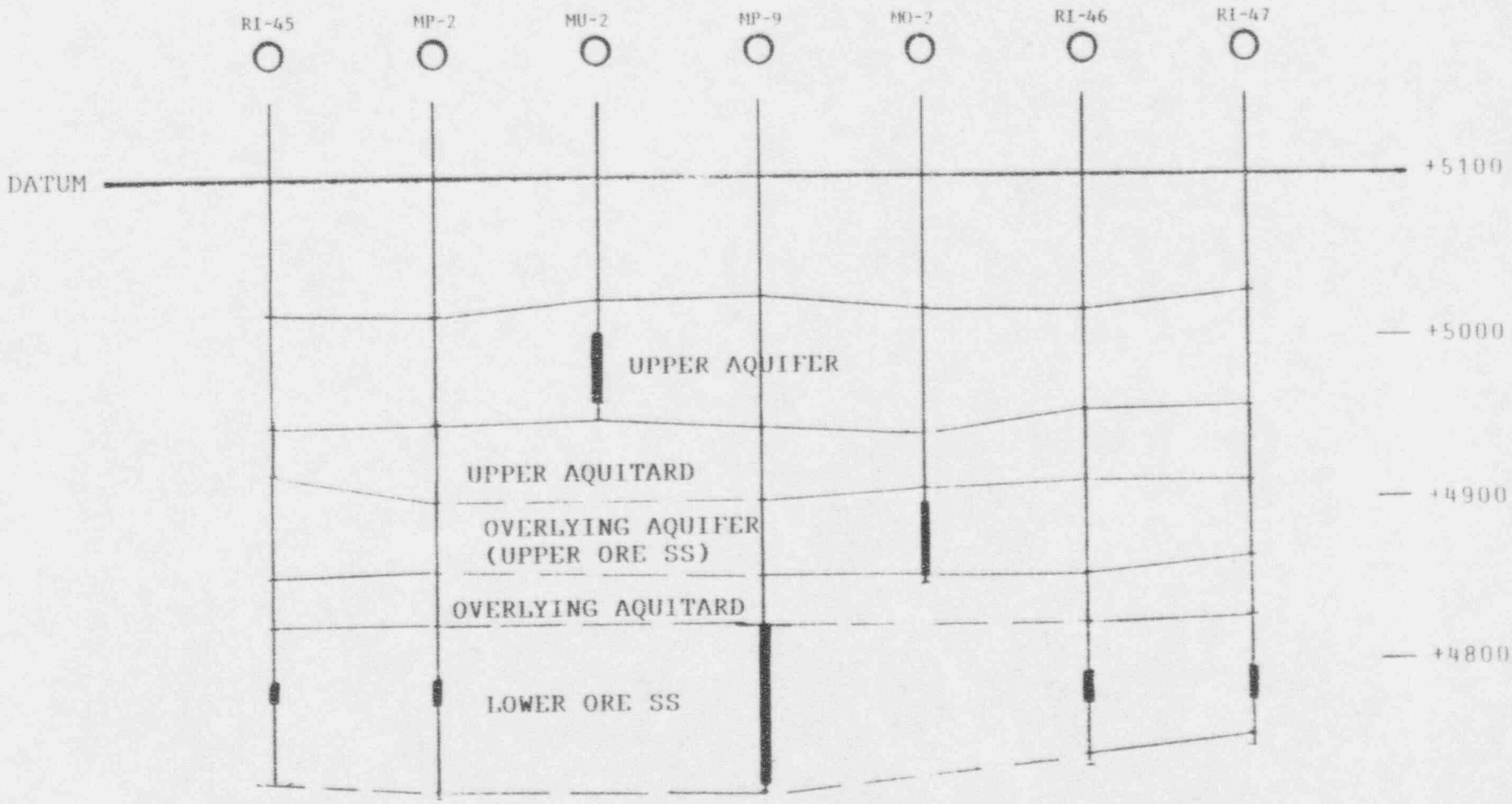


Figure 10D-1. Locations Of The MP-9 Pump Test Wells
371200 E
371300 E
371400 E
371500 E
RI-47
1095400 N
LEGEND
Pump Well, Lower Ore Sand
Overlying Aquifer, Upper Ore Sand Monitoring Well
Upper Aquifer Monitoring Well
Observation Well, Lower Ore Sand
RI-46
1095300 N
SCALE:
1" =50'
MU-2
MO-2
RI-45
MP-2
MP-9
1095200 N
1095100 N



10D-12A

VERTICAL SCALE:
1"=100'
NO HORIZONTAL SCALE

SCREENED INTERVAL

FIGURE 10D-1A.
STRATIGRAPHIC DIAGRAM
OF THE MP-9 PUMP TEST
WELLS.

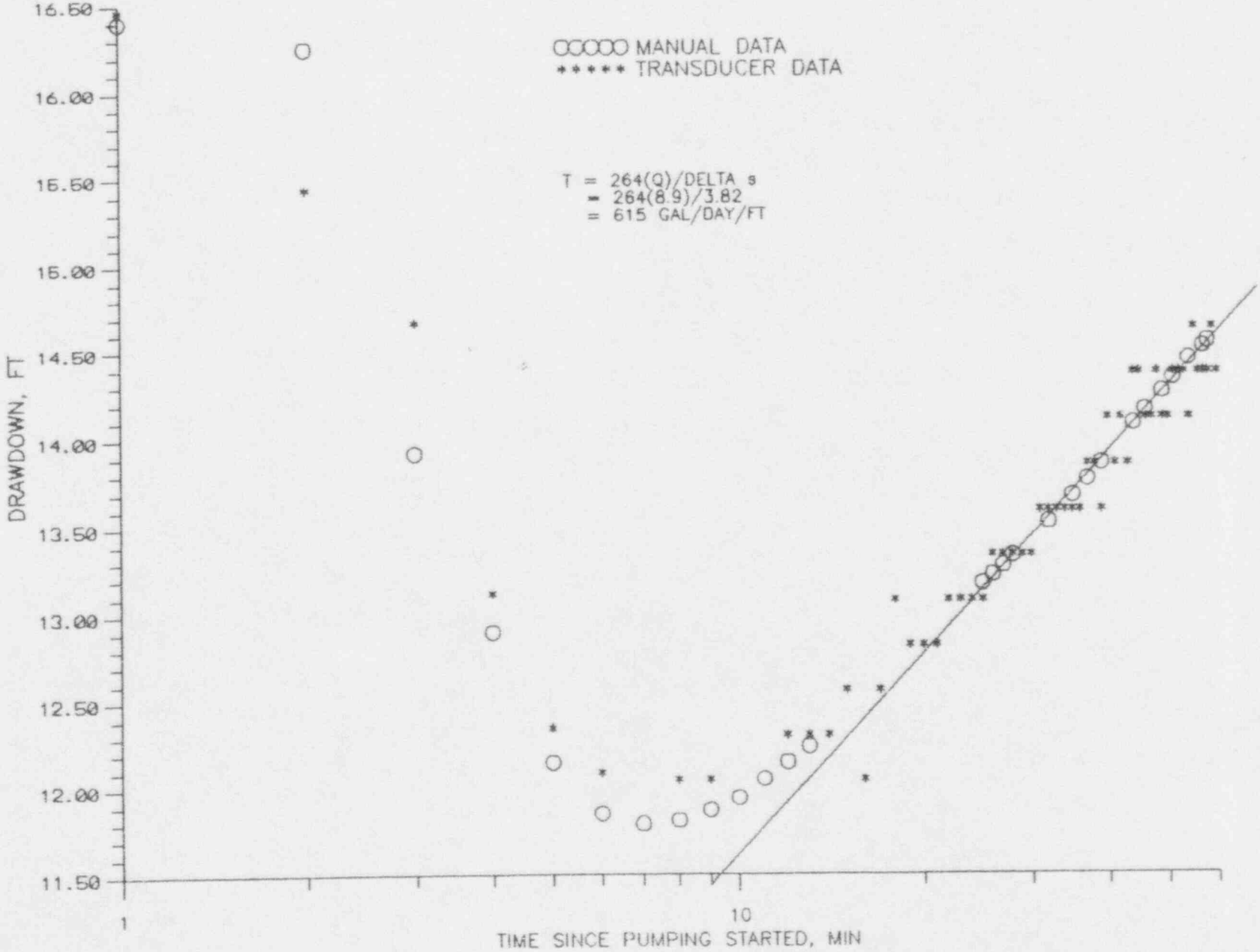


FIGURE 10D-2. DRAWDOWN IN PUMPING WELL MP-9 at 8.9 GPM.

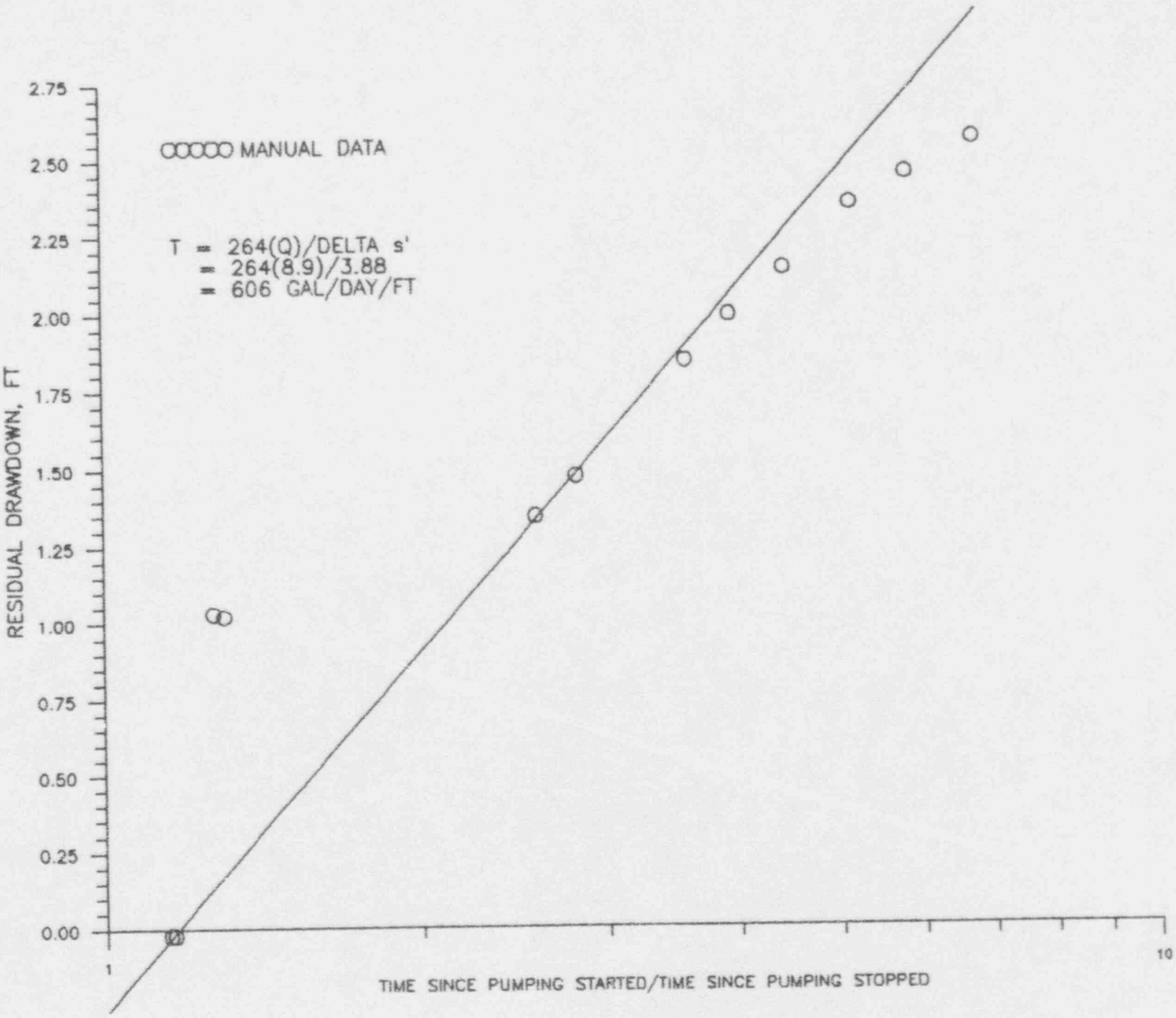


FIGURE 10D-3. RECOVERY IN PUMPING WELL MP-9 at 8.9 GPM.

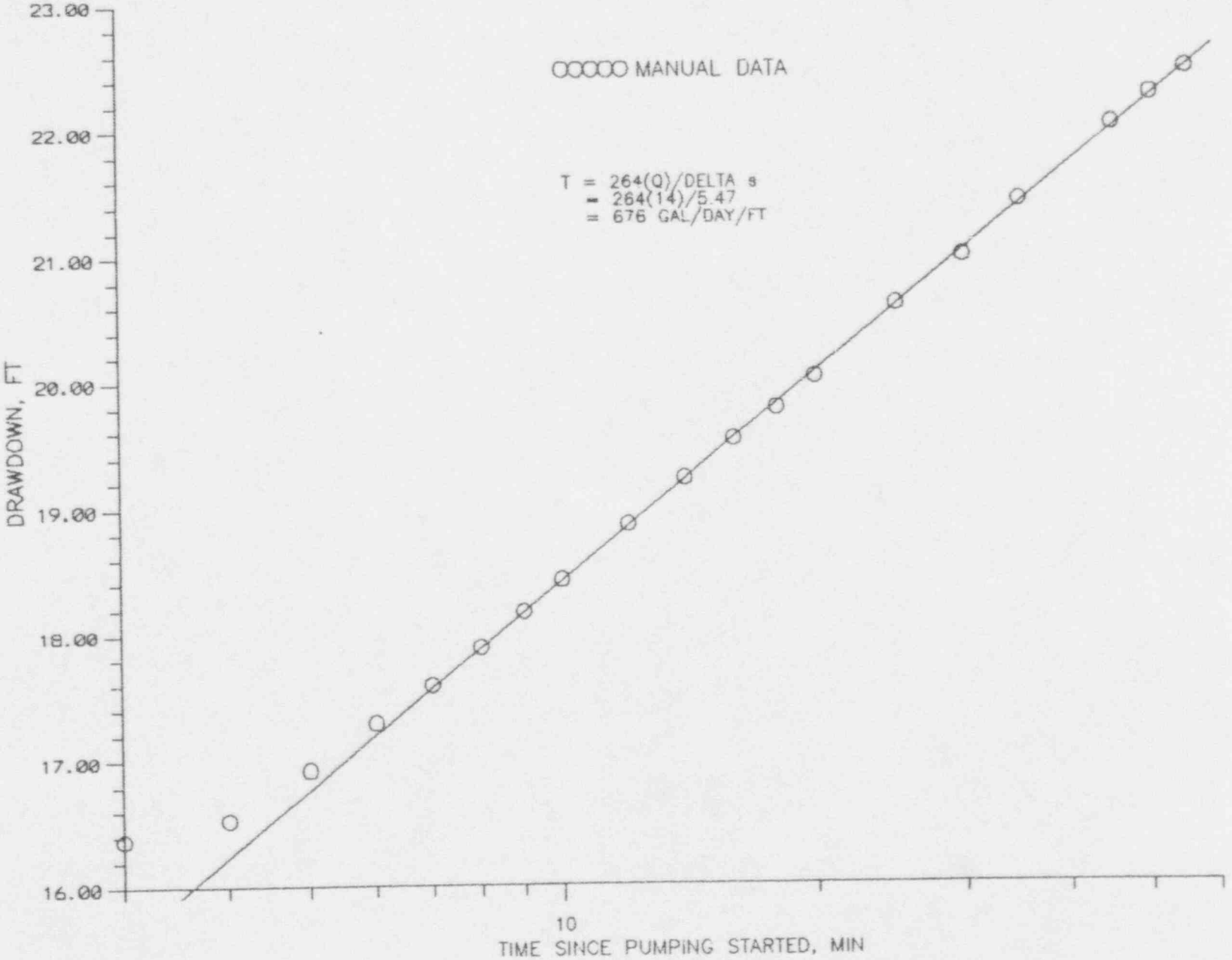


FIGURE 10D-4. DRAWDOWN IN PUMPING WELL MP-9 at 14 GPM.

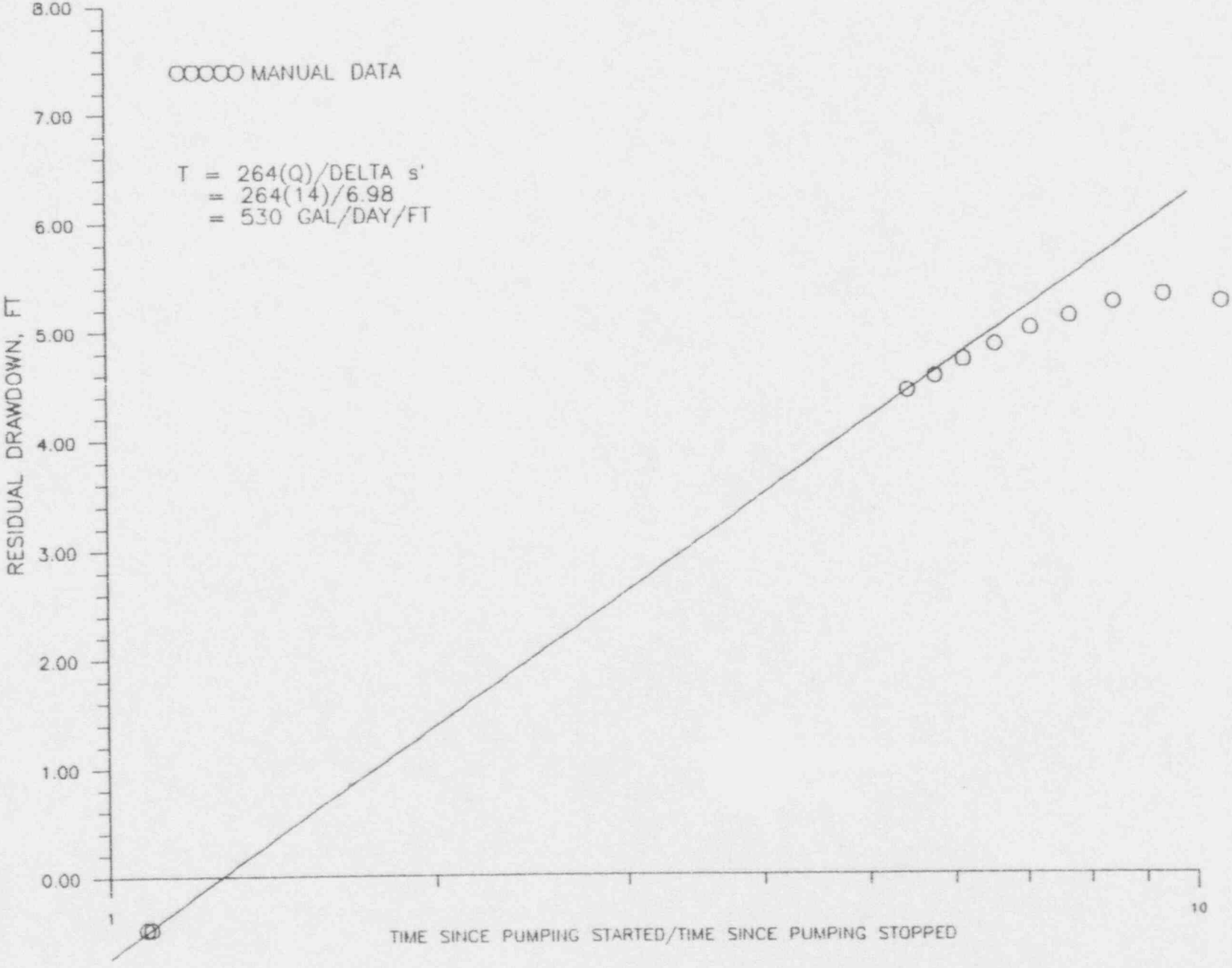


FIGURE 10D-5. RECOVERY IN PUMPING WELL MP-9 at 14 GPM.

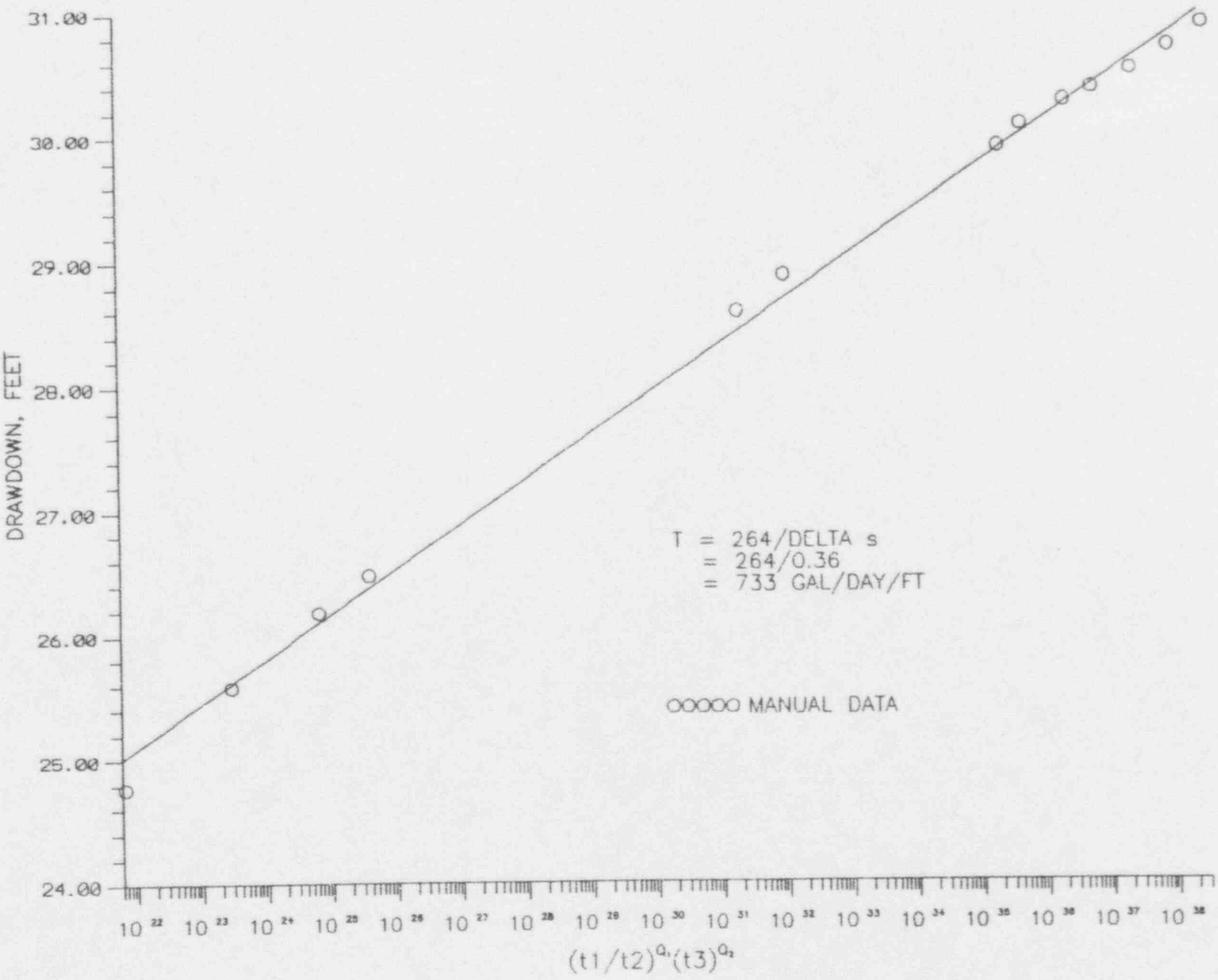


FIGURE 10D–6. DRAWDOWN IN PUMPING WELL MP–9 at 22 GPM.

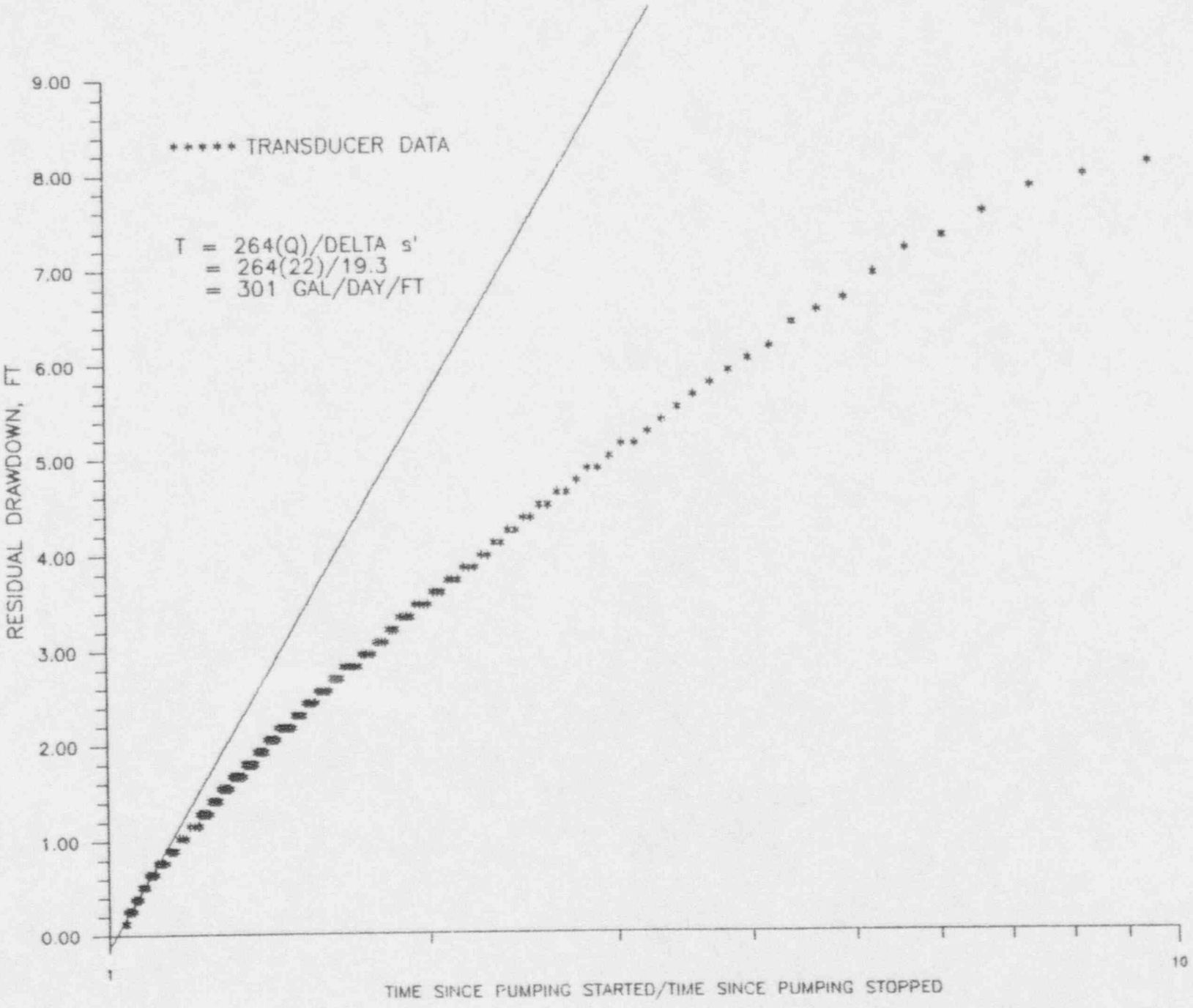


FIGURE 10D-6A. RECOVERY IN PUMPING WELL MP-9 at 22 GPM.

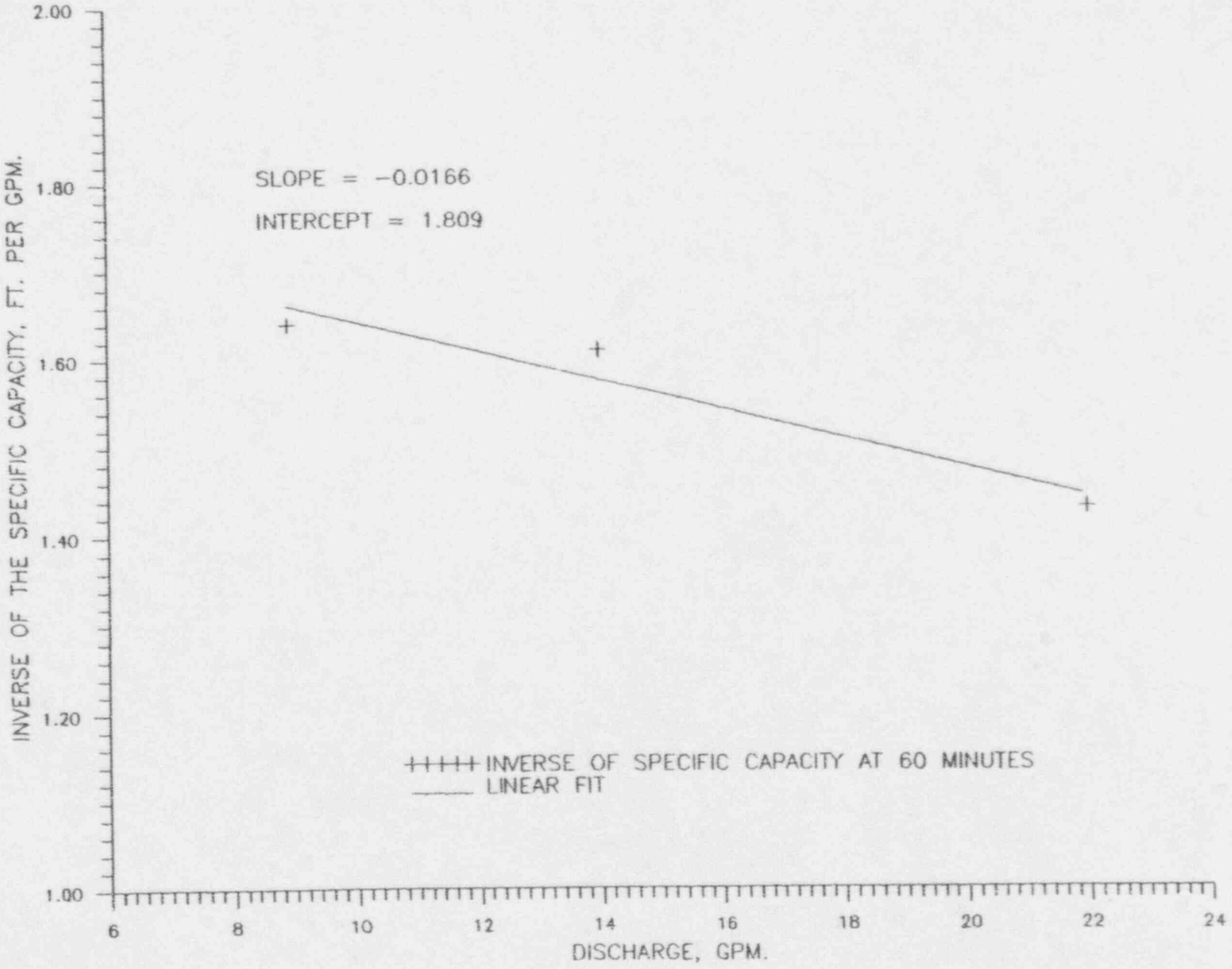


FIGURE 10D-6B. INVERSE OF SPECIFIC CAPACITY VERSUS DISCHARGE FOR WELL MP-9.

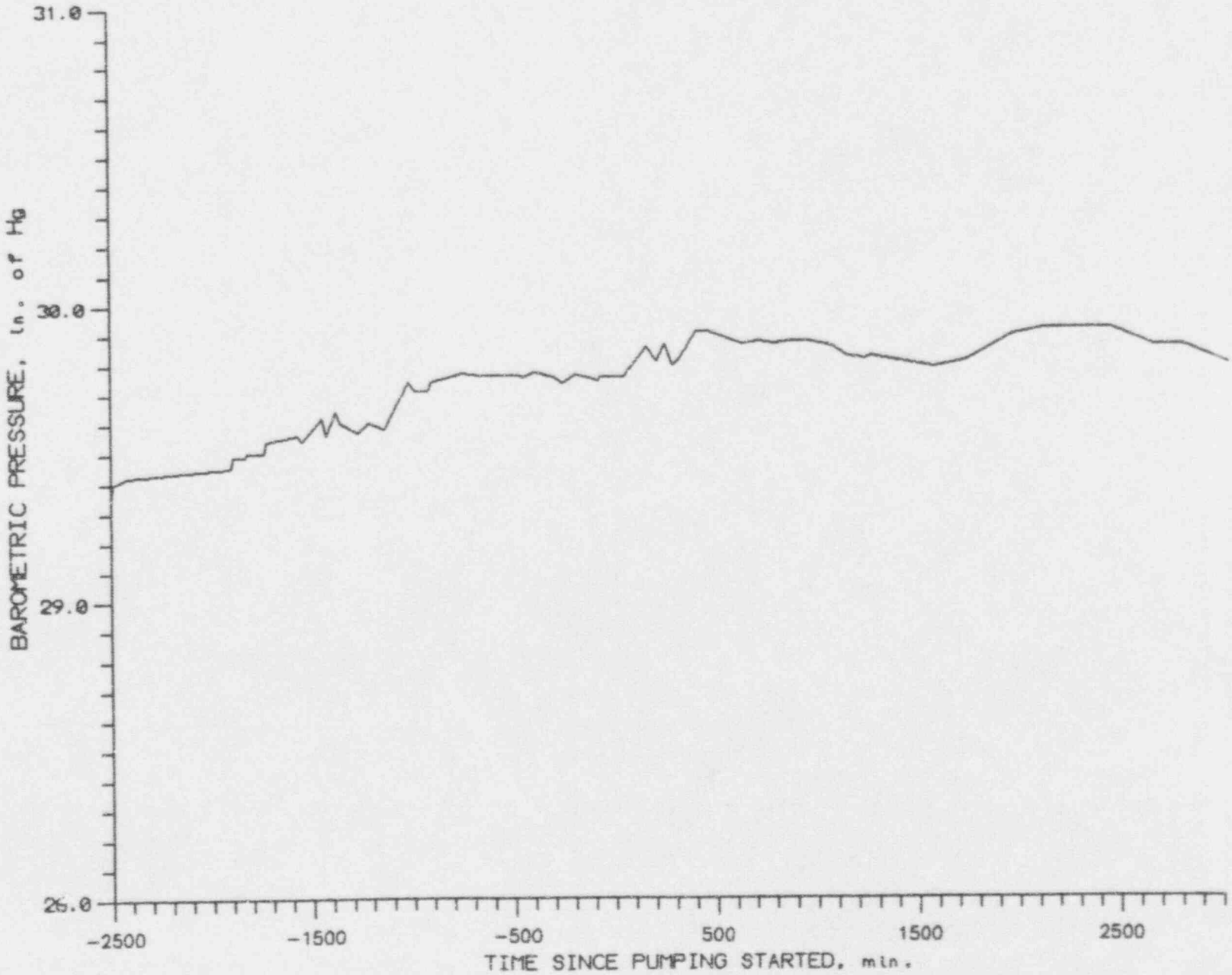


FIGURE 10D-6C. BAROMETRIC PRESSURE DURING THE MP-9 PUMP TEST.

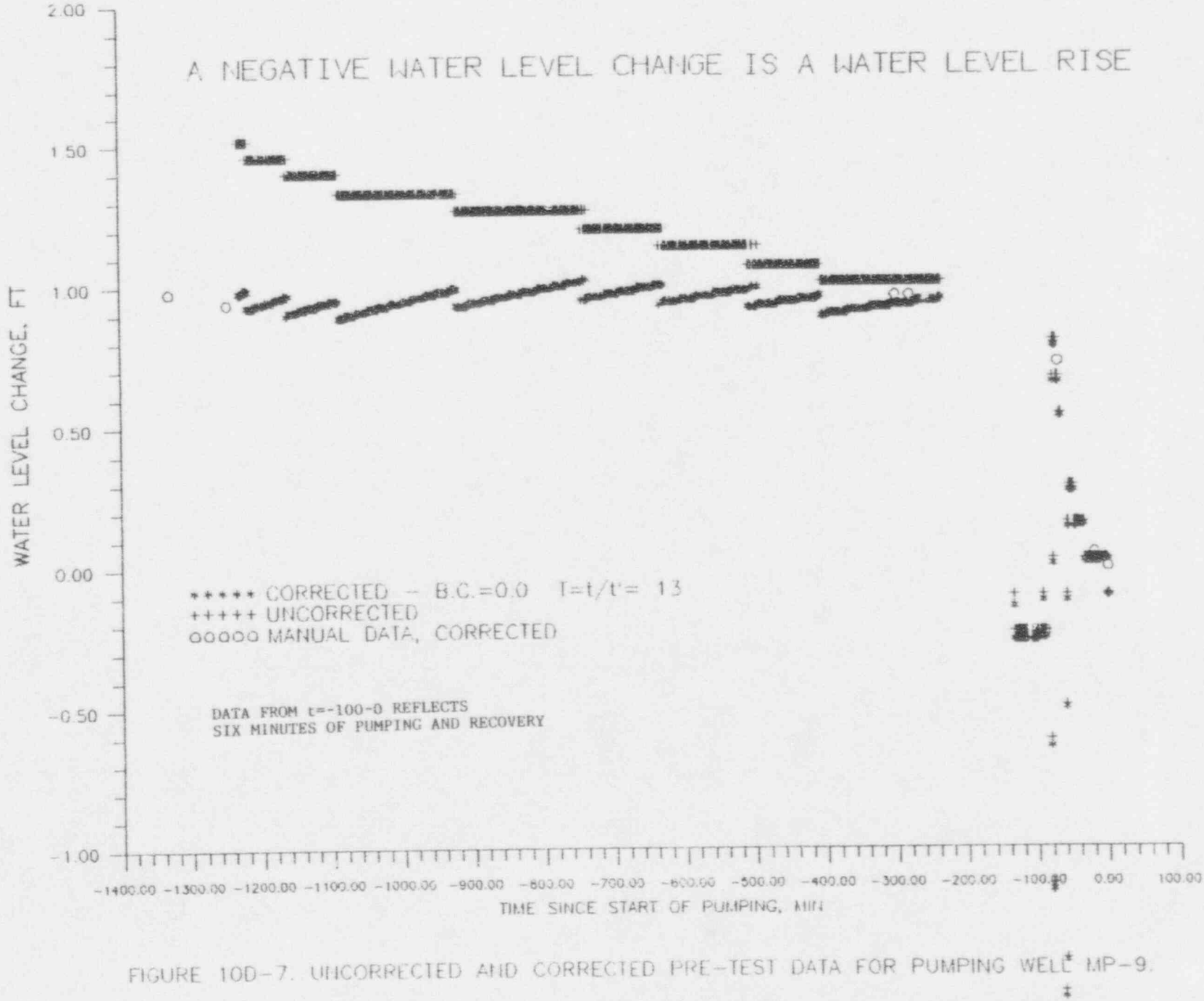


FIGURE 10D-7. UNCORRECTED AND CORRECTED PRE-TEST DATA FOR PUMPING WELL MP-9.

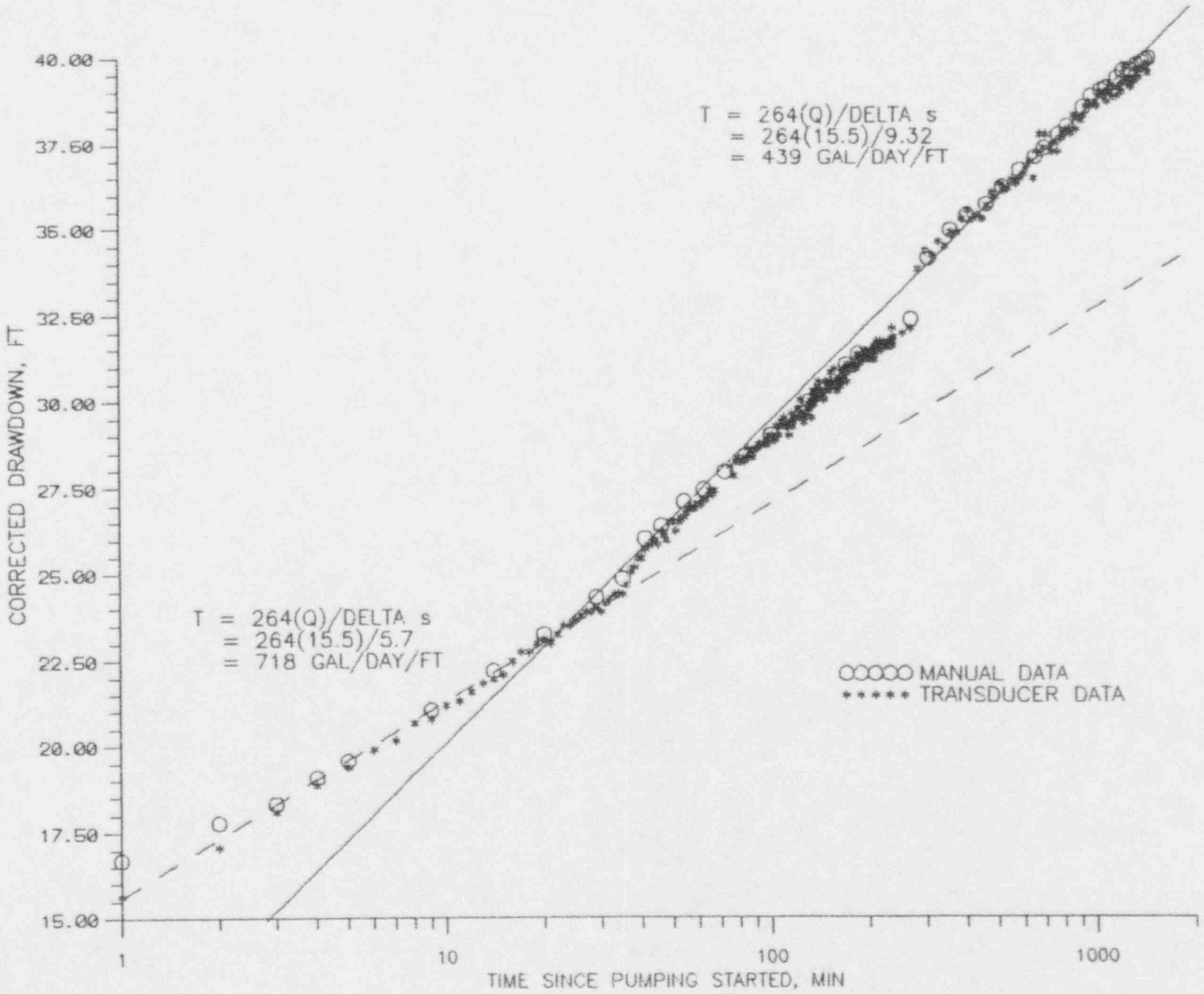


FIGURE 10D-8. DRAWDOWN IN PUMPING WELL MP-9.

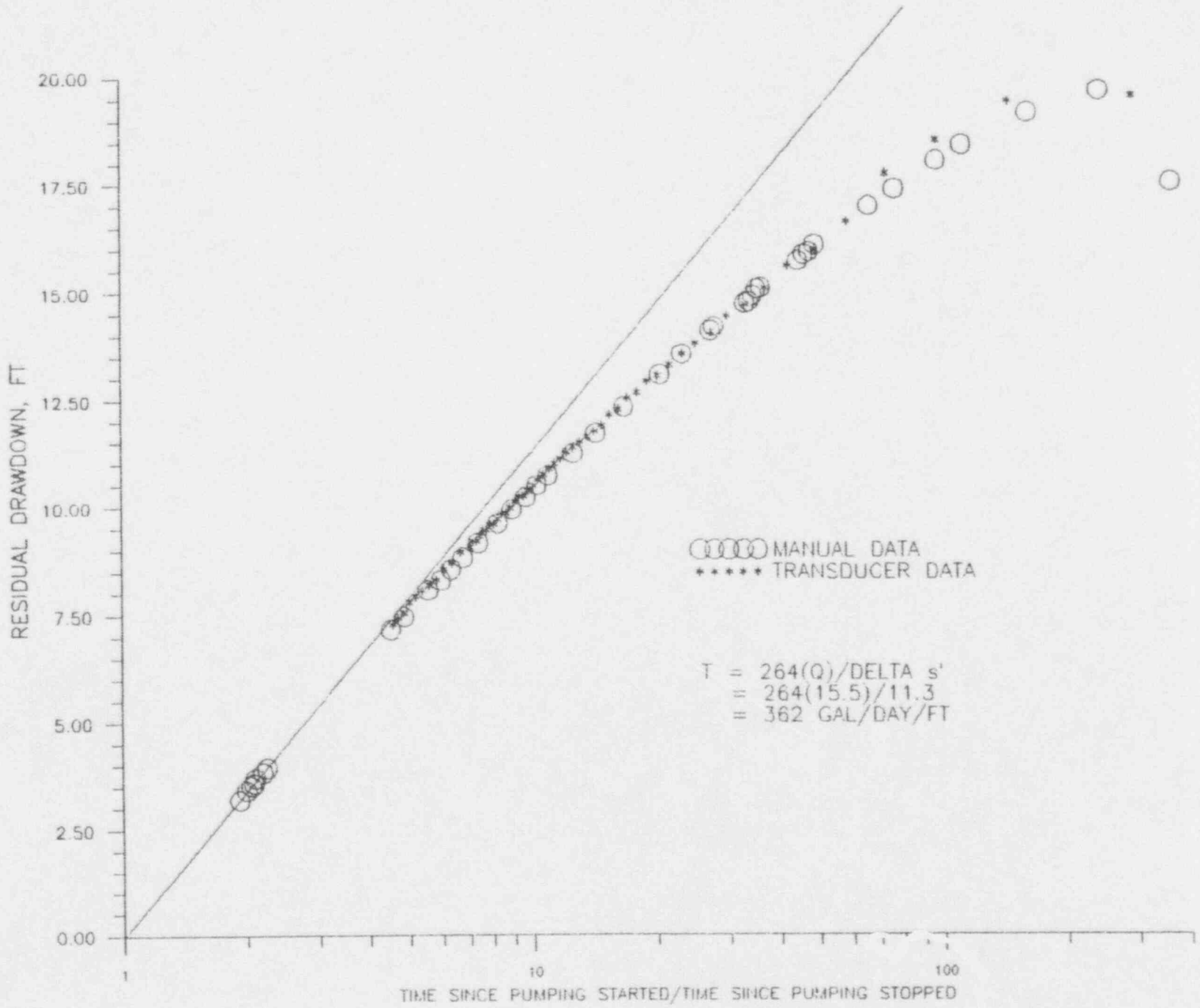


FIGURE 10D-9. RECOVERY IN PUMPING WELL MP-9.

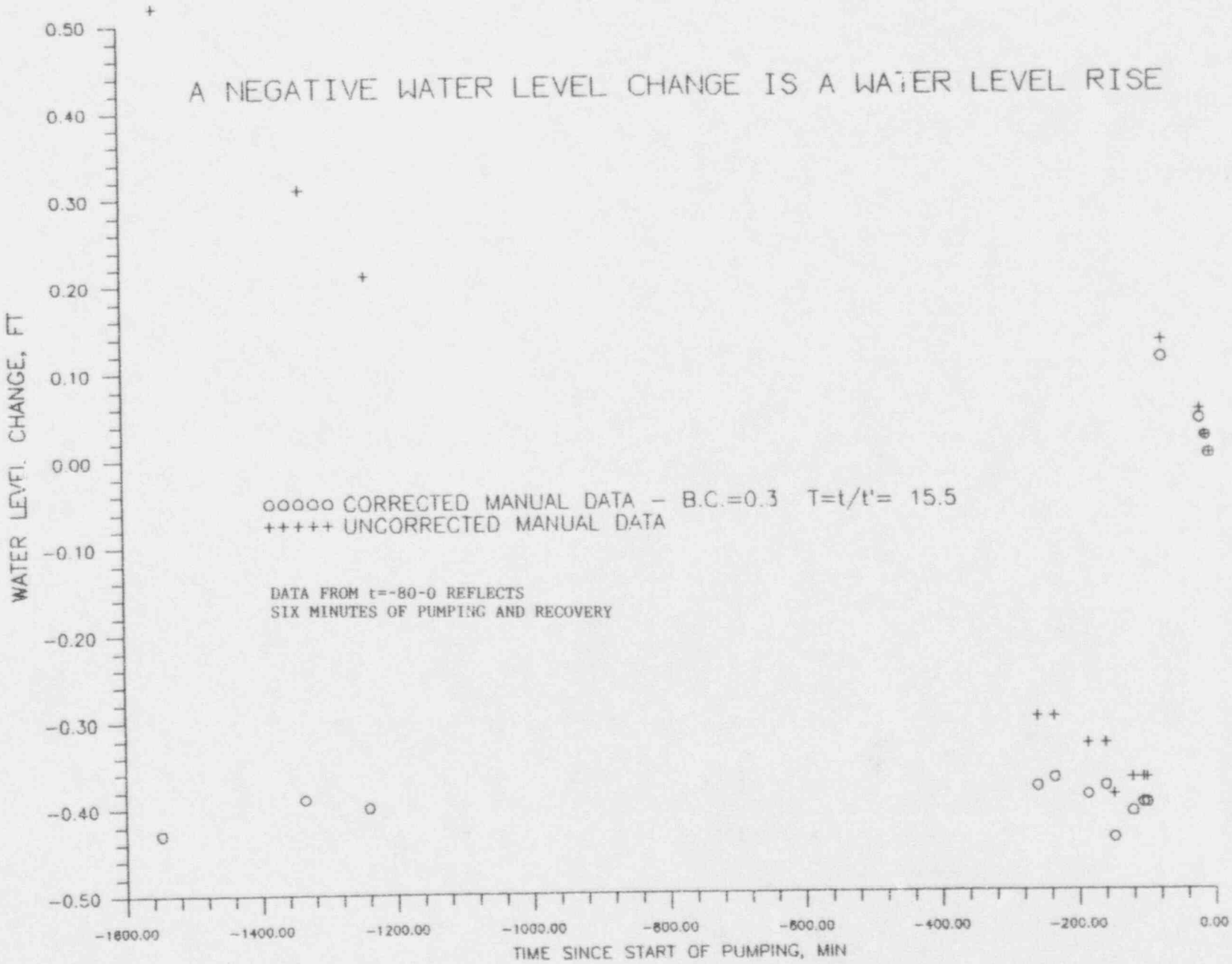


FIGURE 10D-10. UNCORRECTED AND CORRECTED PRE-TEST DATA FOR OBSERVATION WELL MP-2.

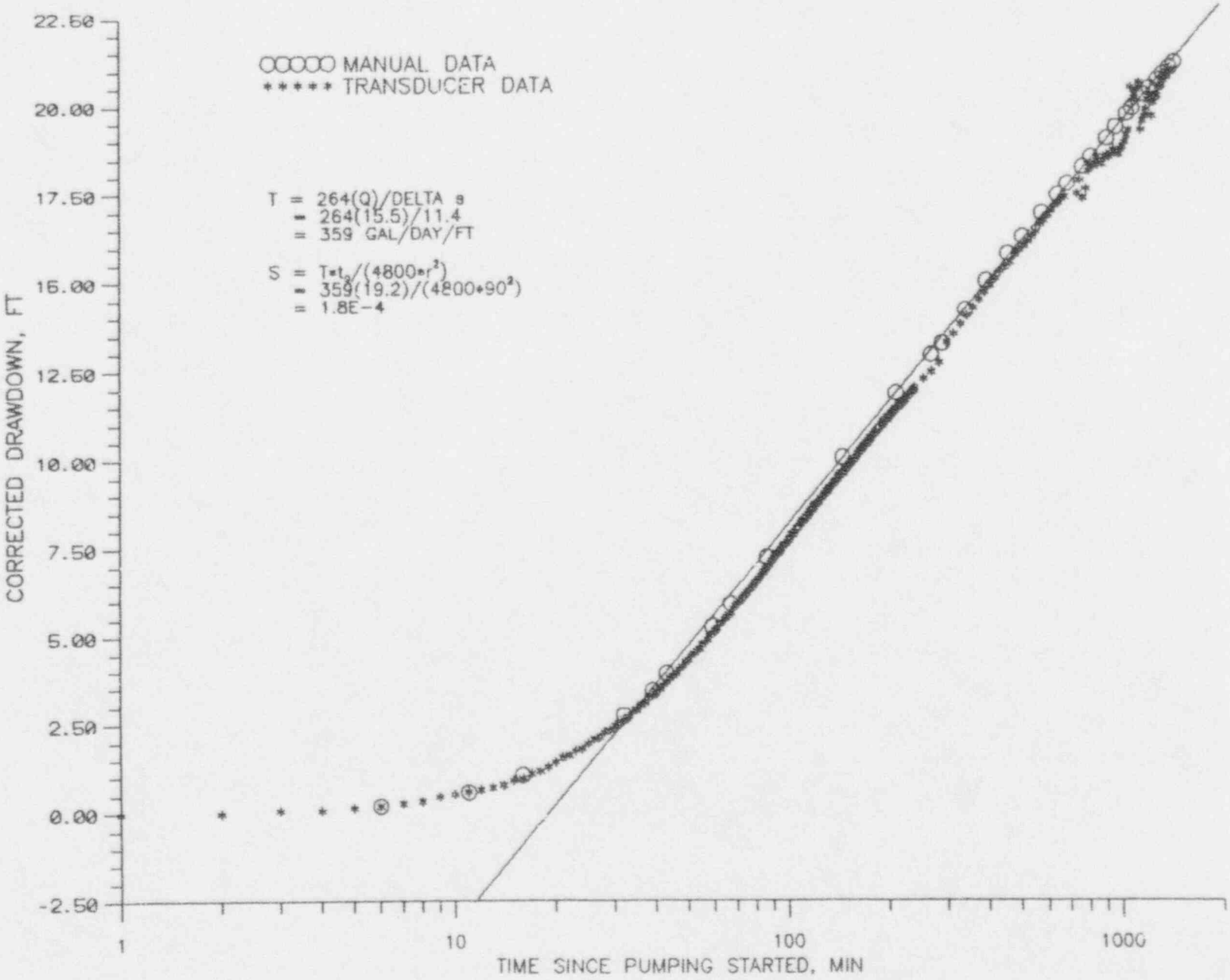


FIGURE 10D-11. DRAWDOWN IN OBSERVATION WELL MP-2.

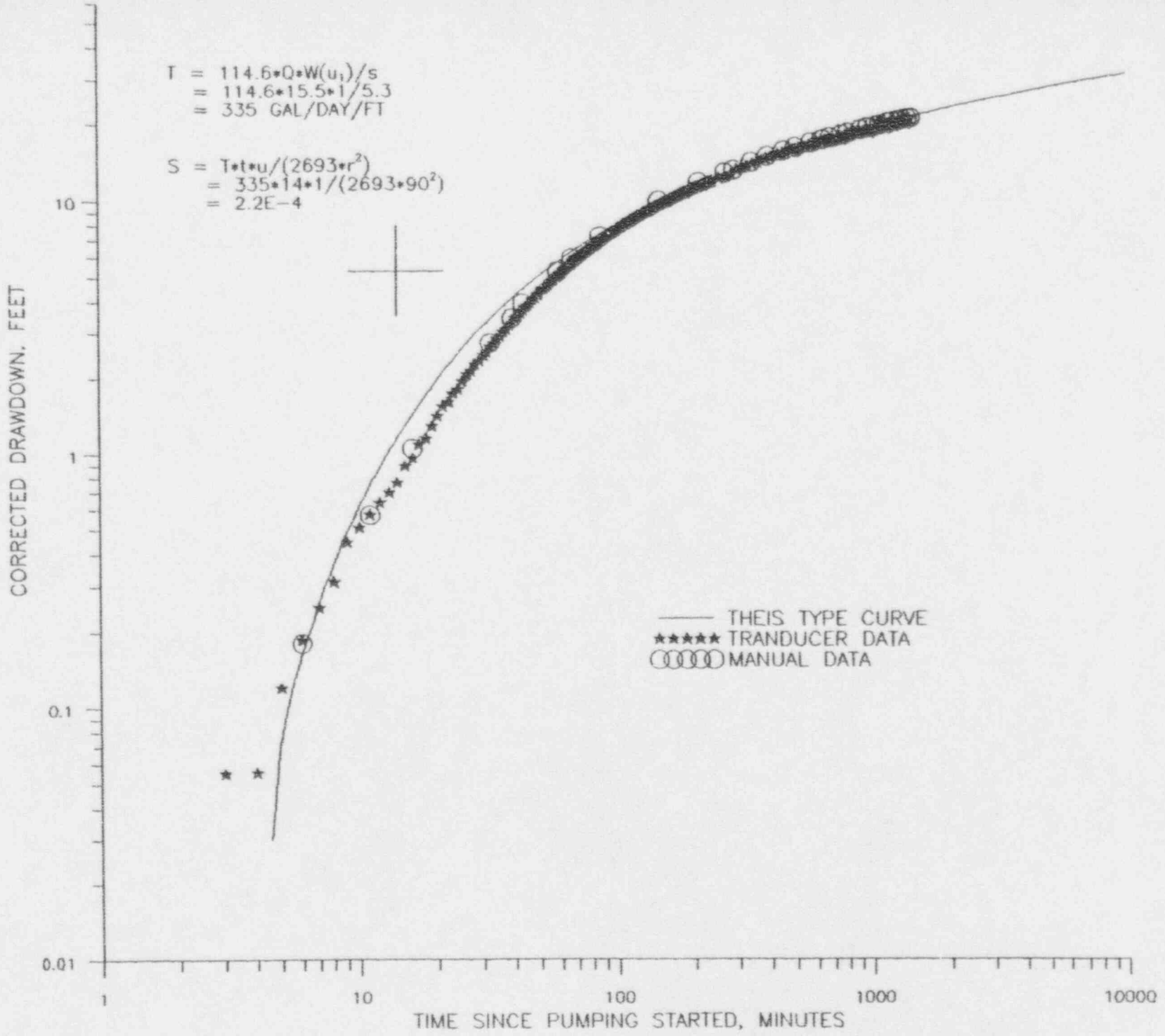


FIGURE 10D-12. DRAWDOWN IN OBSERVATION WELL MP-2, LOG-LOG.

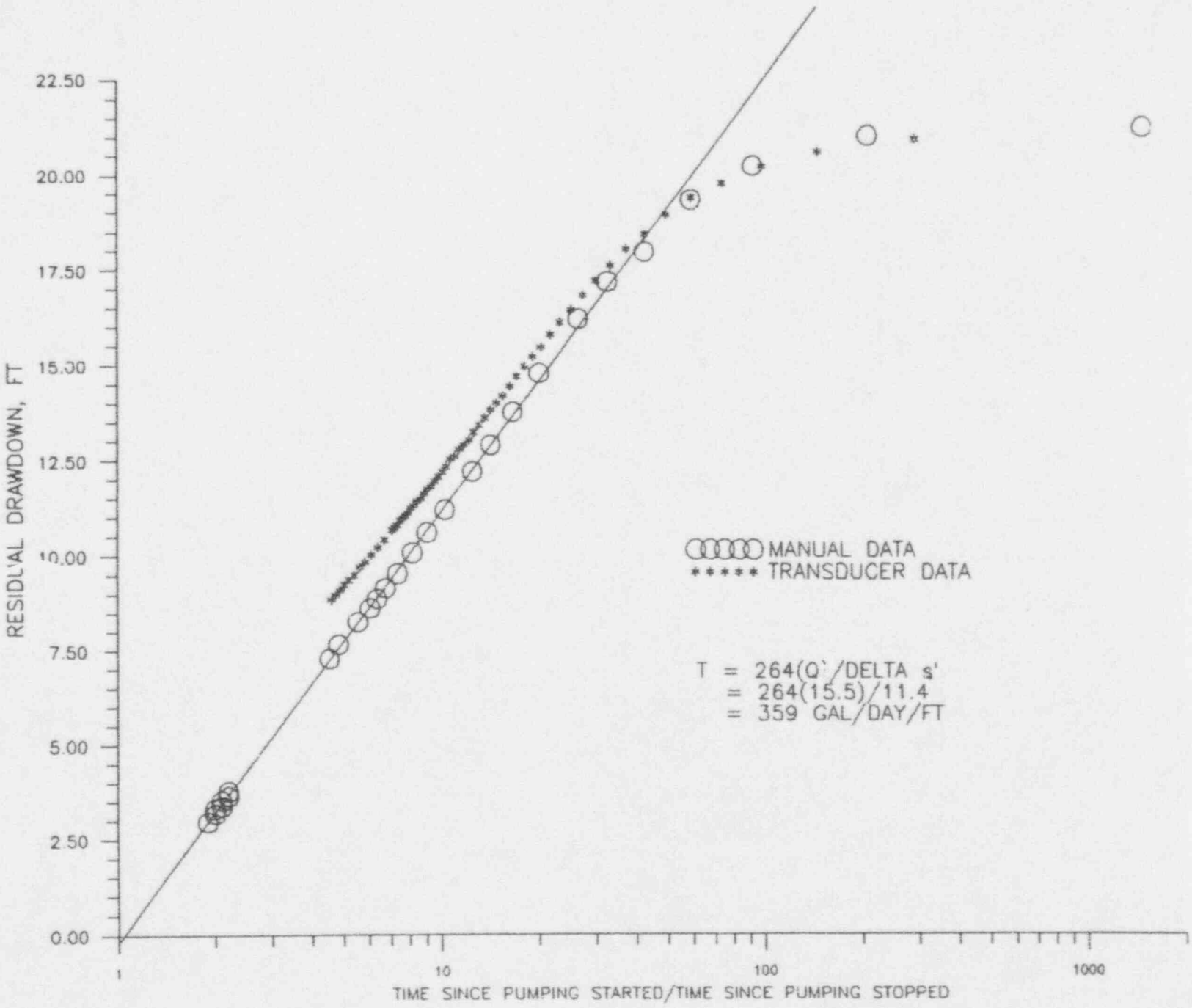


FIGURE 10D-13. RECOVERY IN OBSERVATION WELL MP-2.

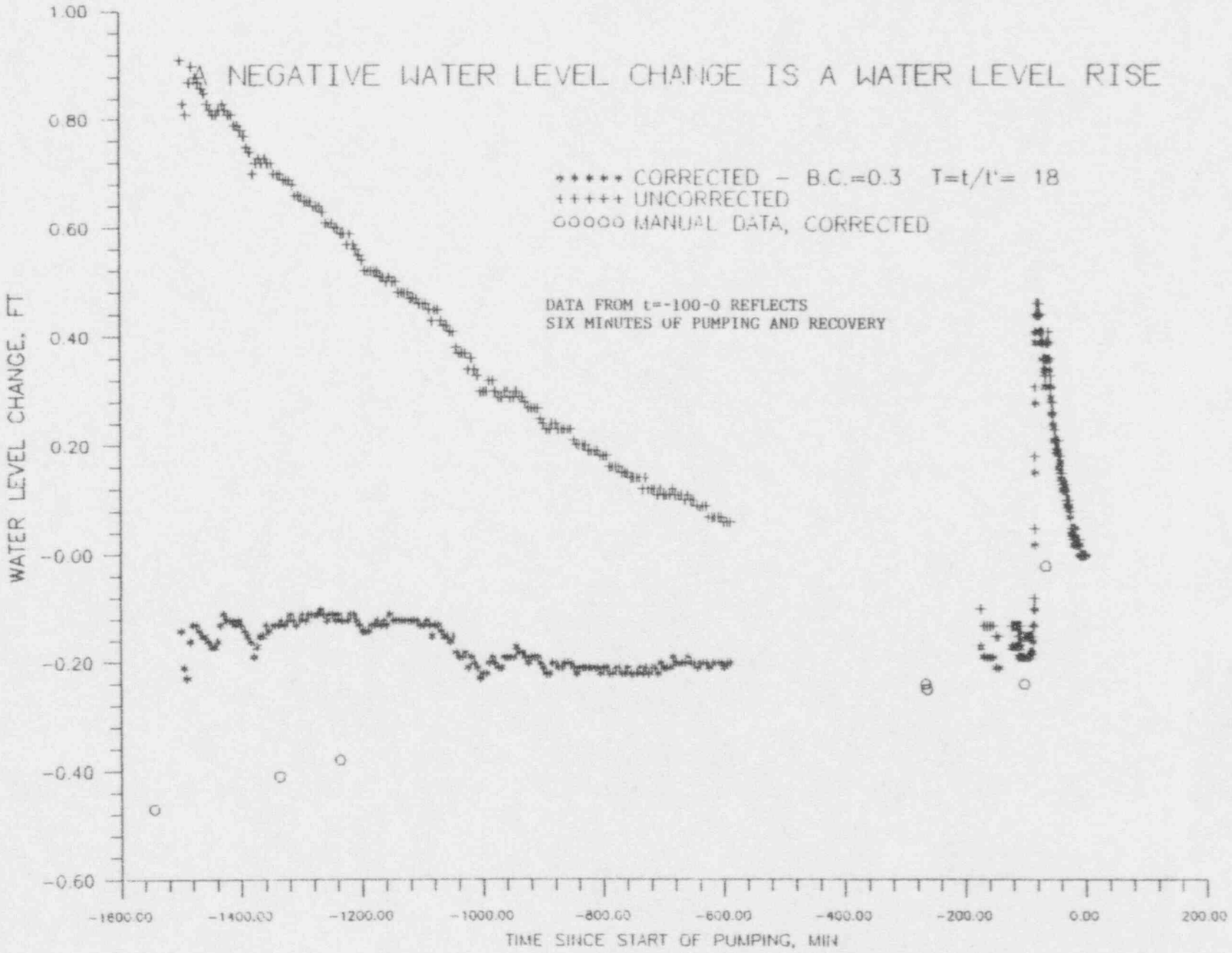


FIGURE 10D-14. UNCORRECTED AND CORRECTED PRE-TEST DATA FOR OBSERVATION WELL RI-45.

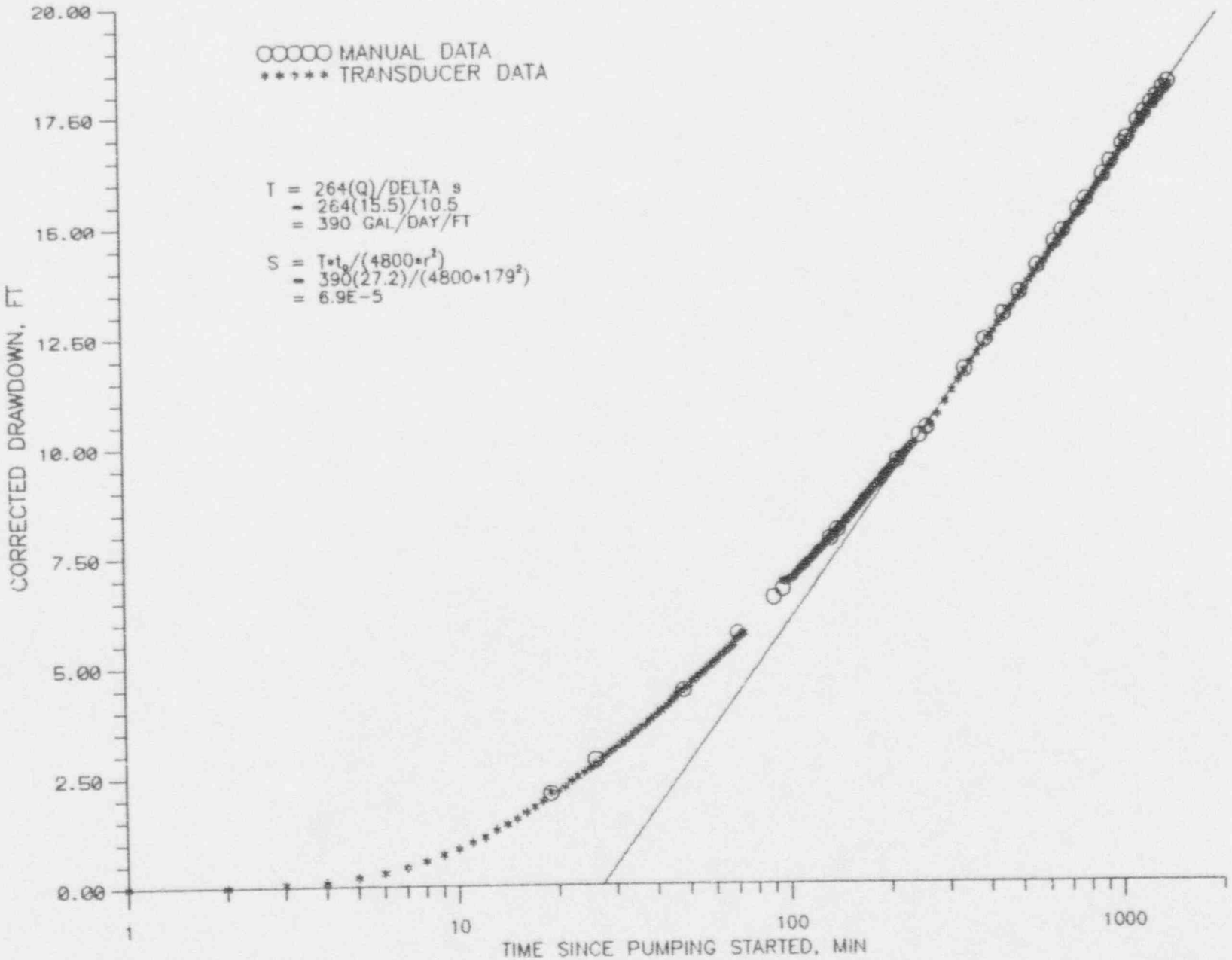


FIGURE 10D-15. DRAWDOWN IN OBSERVATION WELL RI-45.

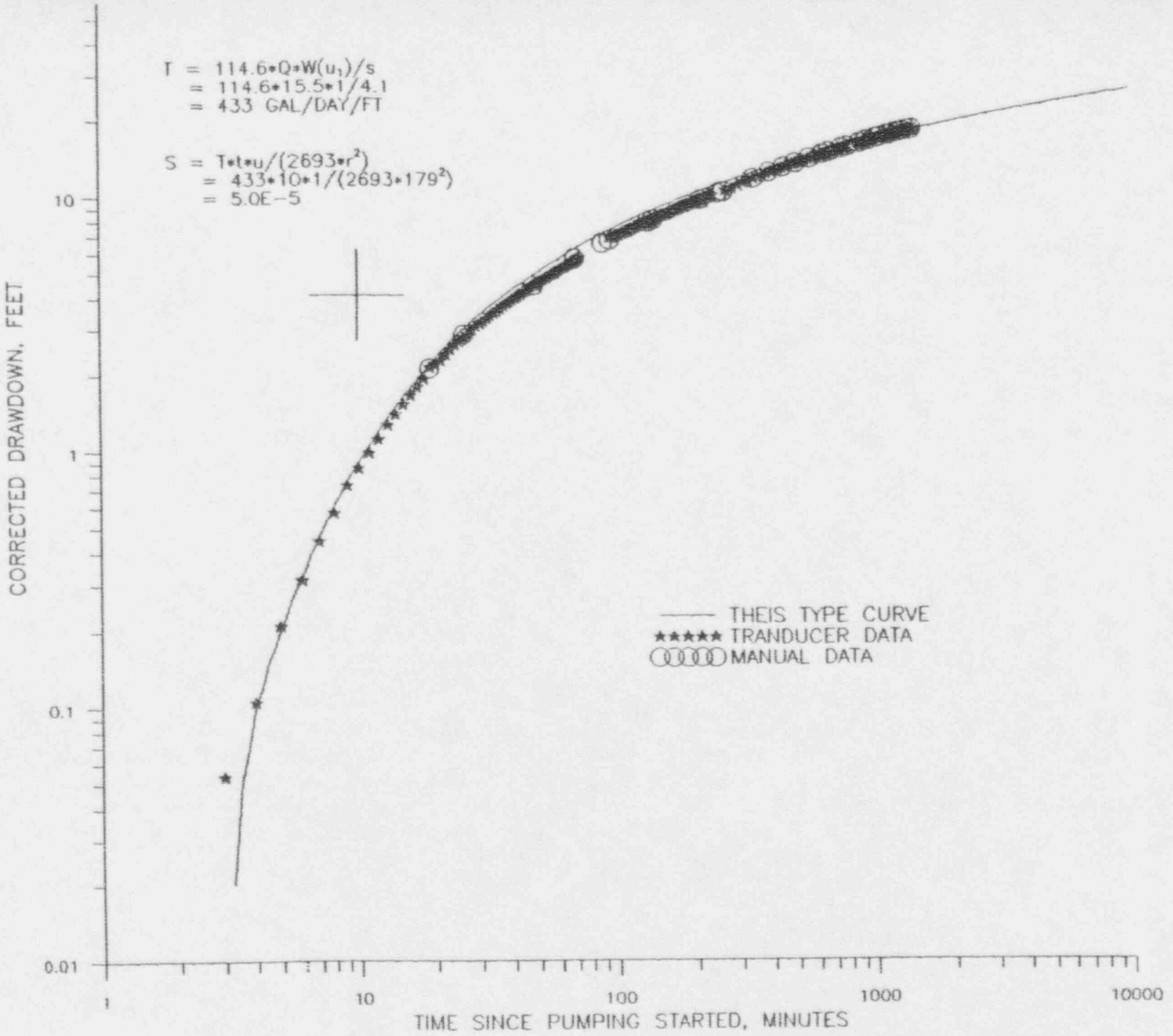


FIGURE 10D-16. DRAWDOWN IN OBSERVATION WELL RI-45, LOG-LOG.

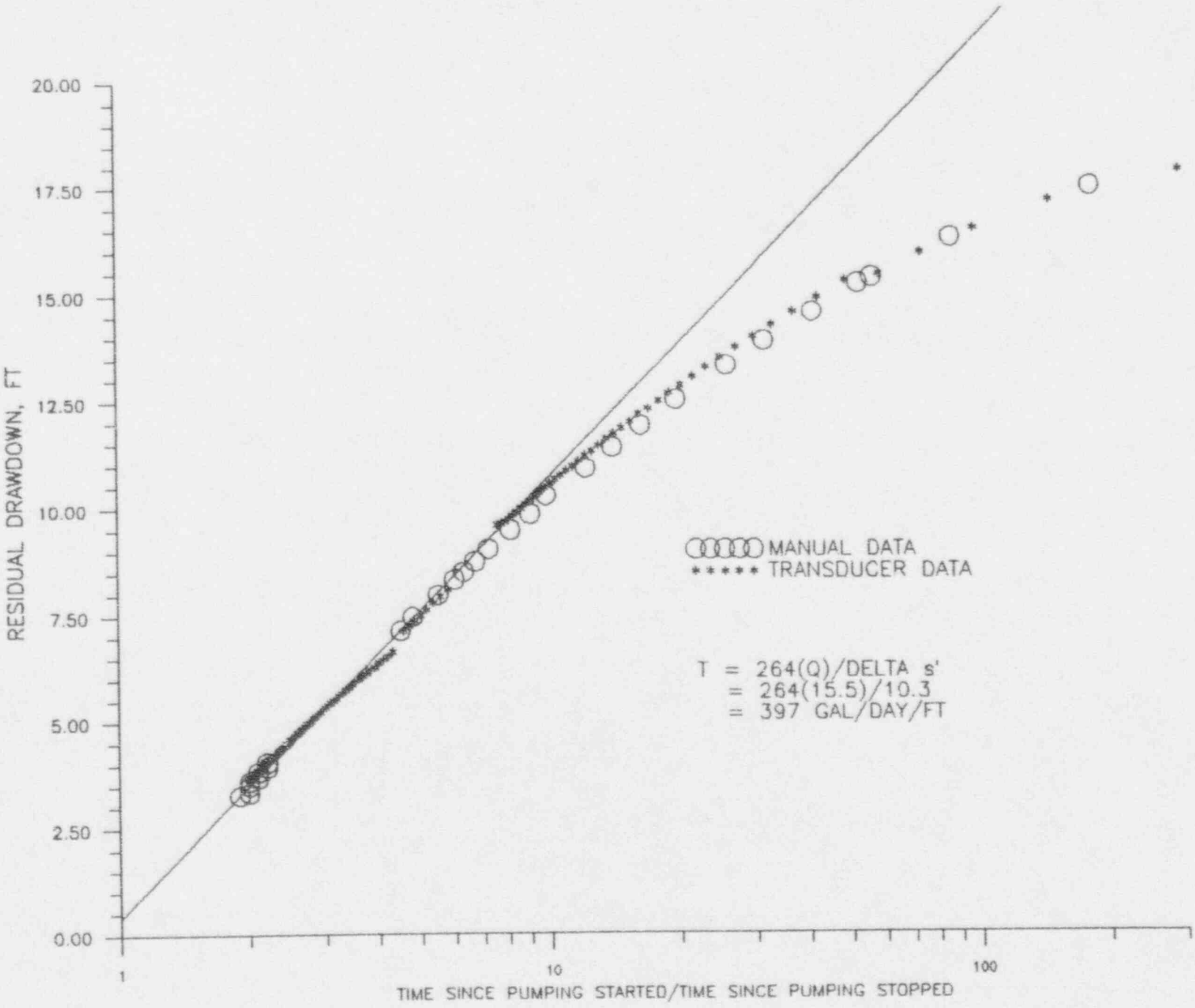


FIGURE 10D-17. RECOVERY IN OBSERVATION WELL RI-45.

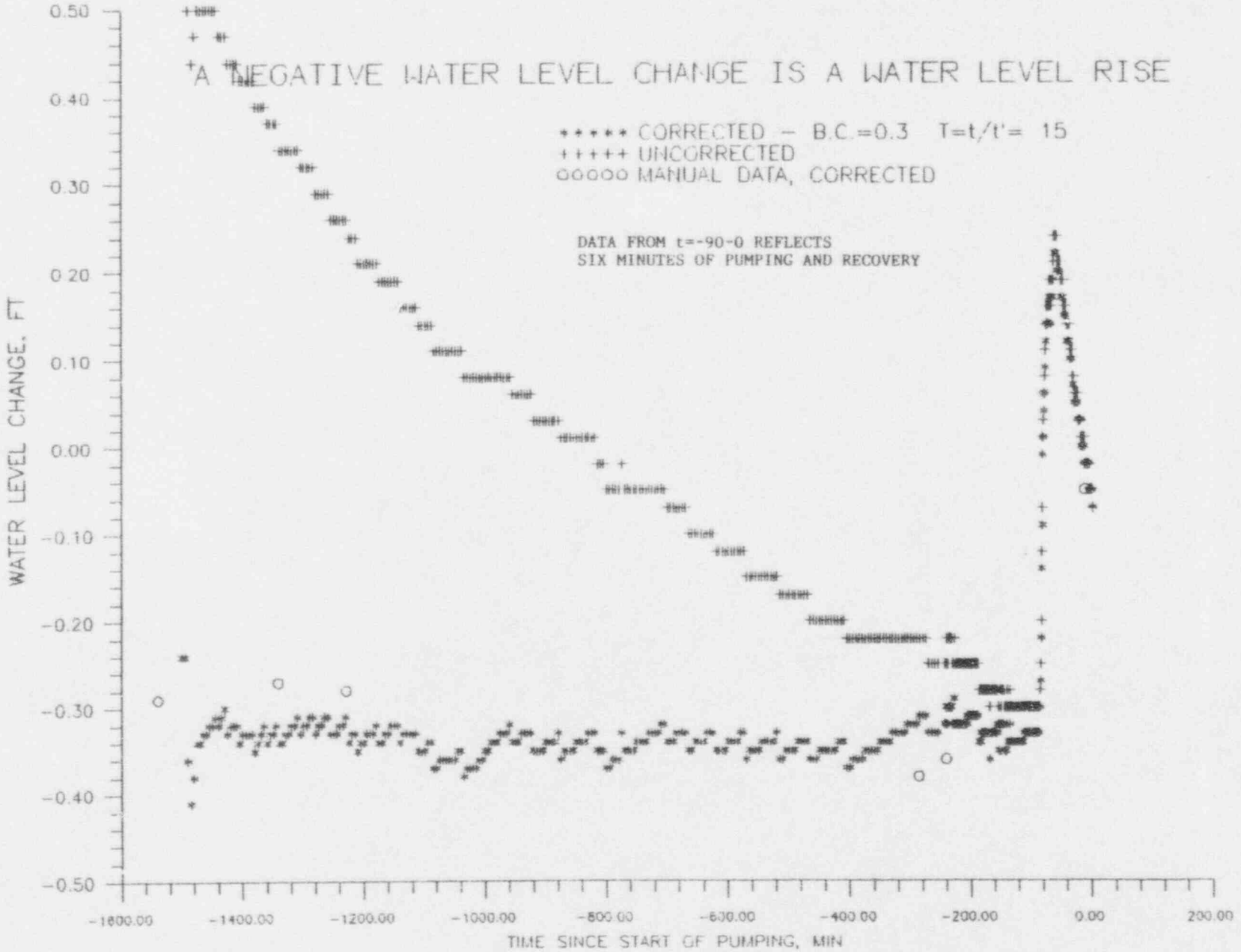


FIGURE 10D-18. UNCORRECTED AND CORRECTED PRE-TEST DATA FOR OBSERVATION WELL RI-46.

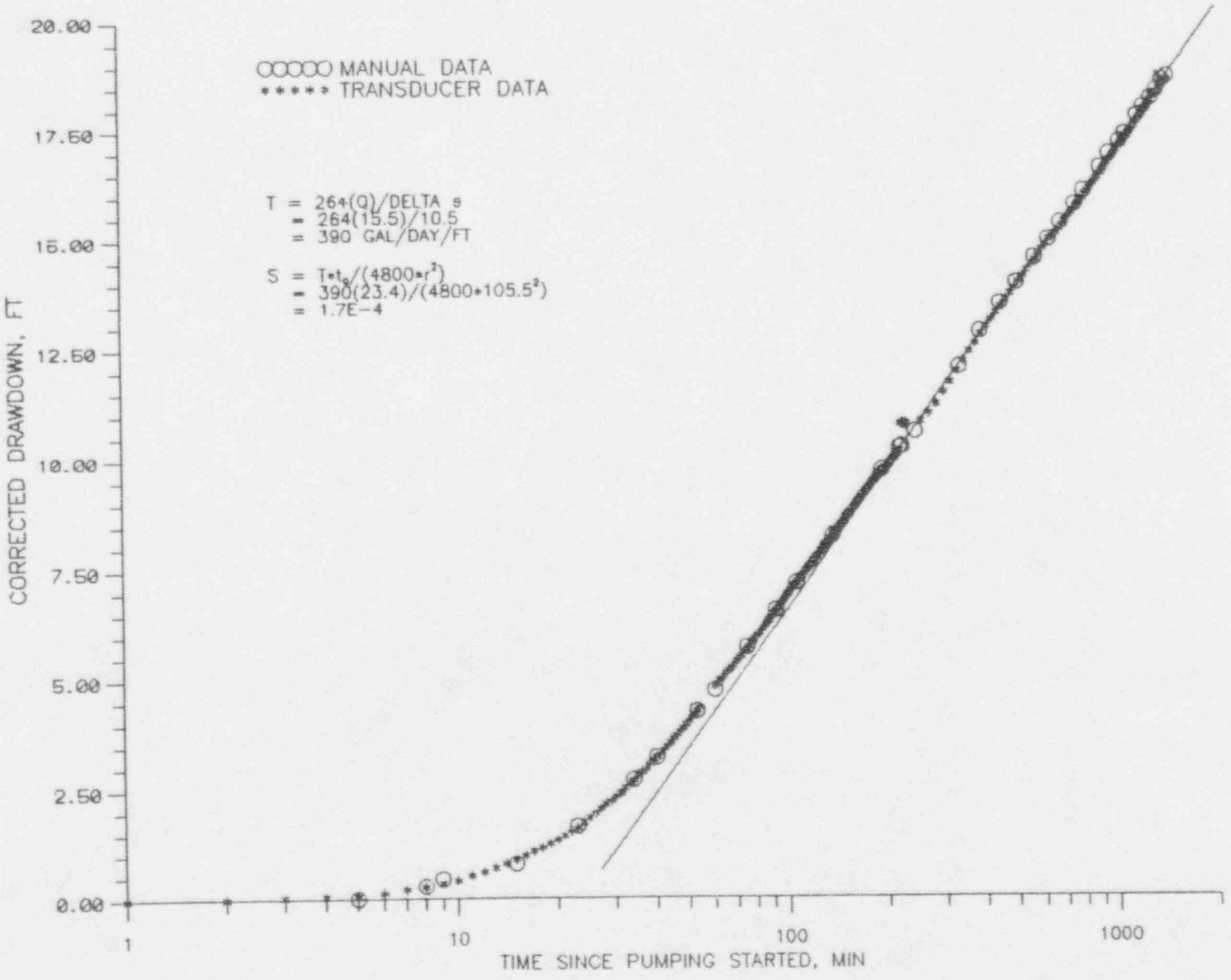


FIGURE 10D-19. DRAWDOWN IN OBSERVATION WELL RI-46.

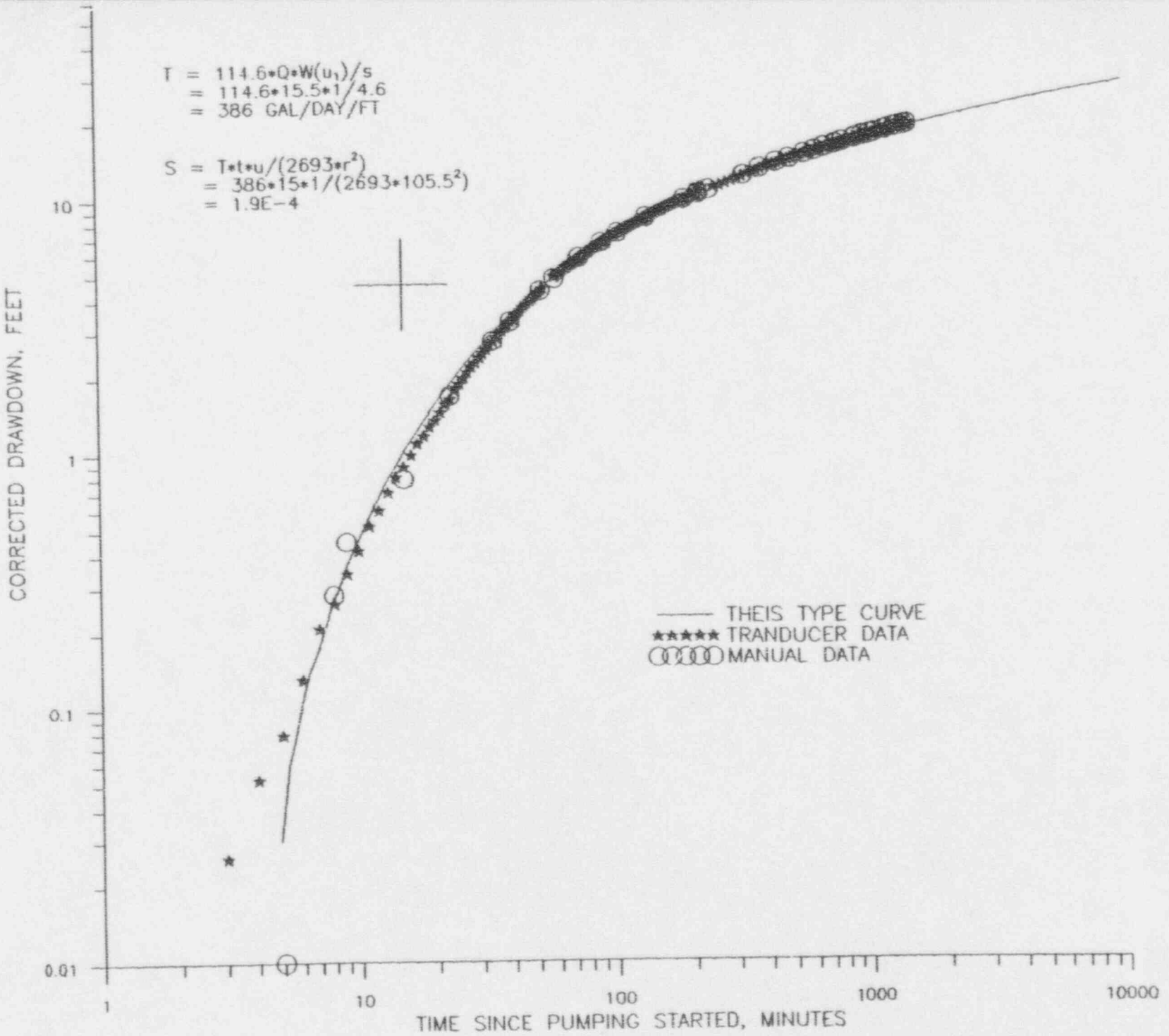


FIGURE 10D–20. DRAWDOWN IN OBSERVATION WELL RI–46, LOG–LOG.

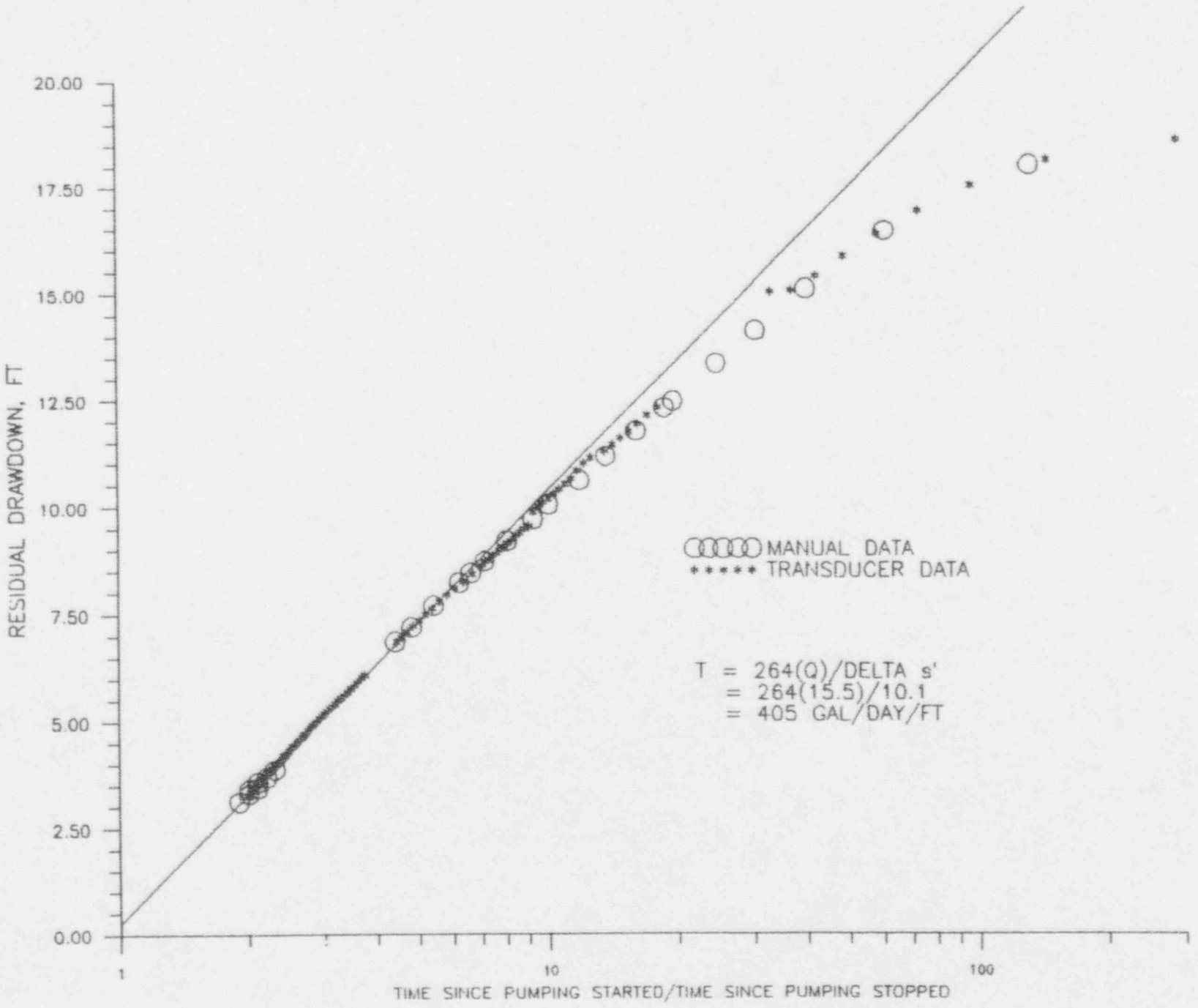


FIGURE 10D-21. RECOVERY IN OBSERVATION WELL RI-46.

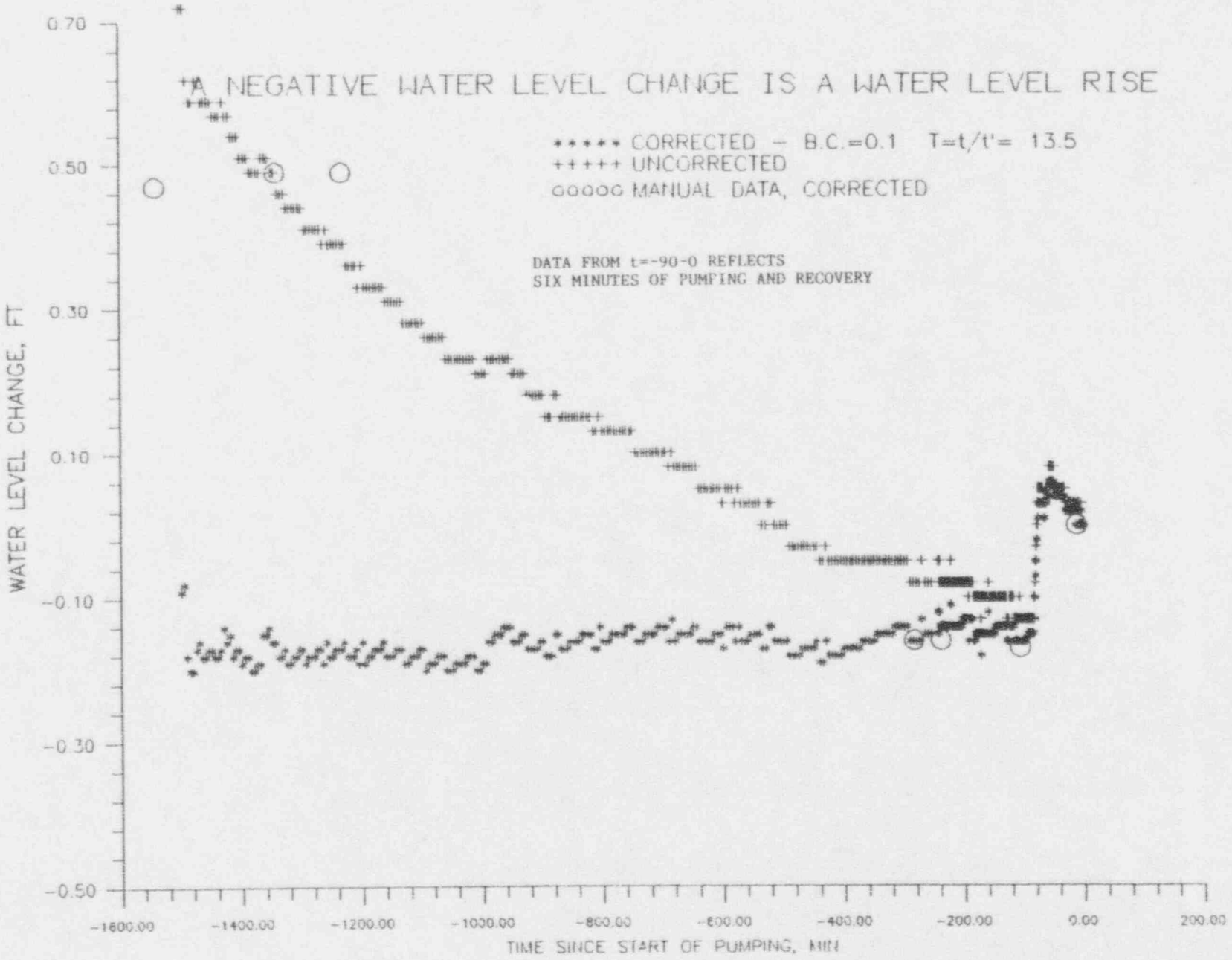


FIGURE 10D-22. UNCORRECTED AND CORRECTED PRE-TEST DATA FOR OBSERVATION WELL RI-47.

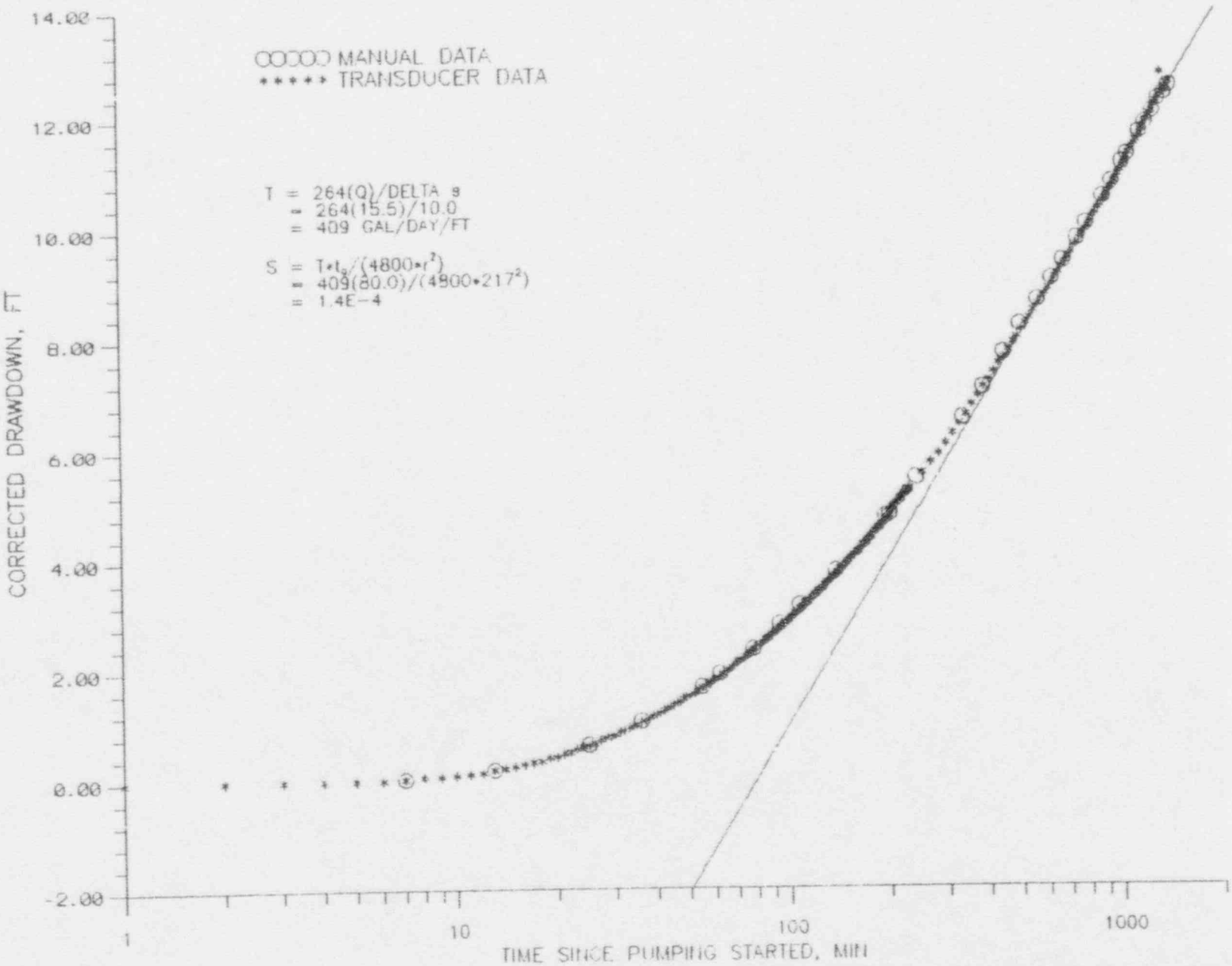


FIGURE 10D-23. DRAWDOWN IN OBSERVATION WELL RI-47.

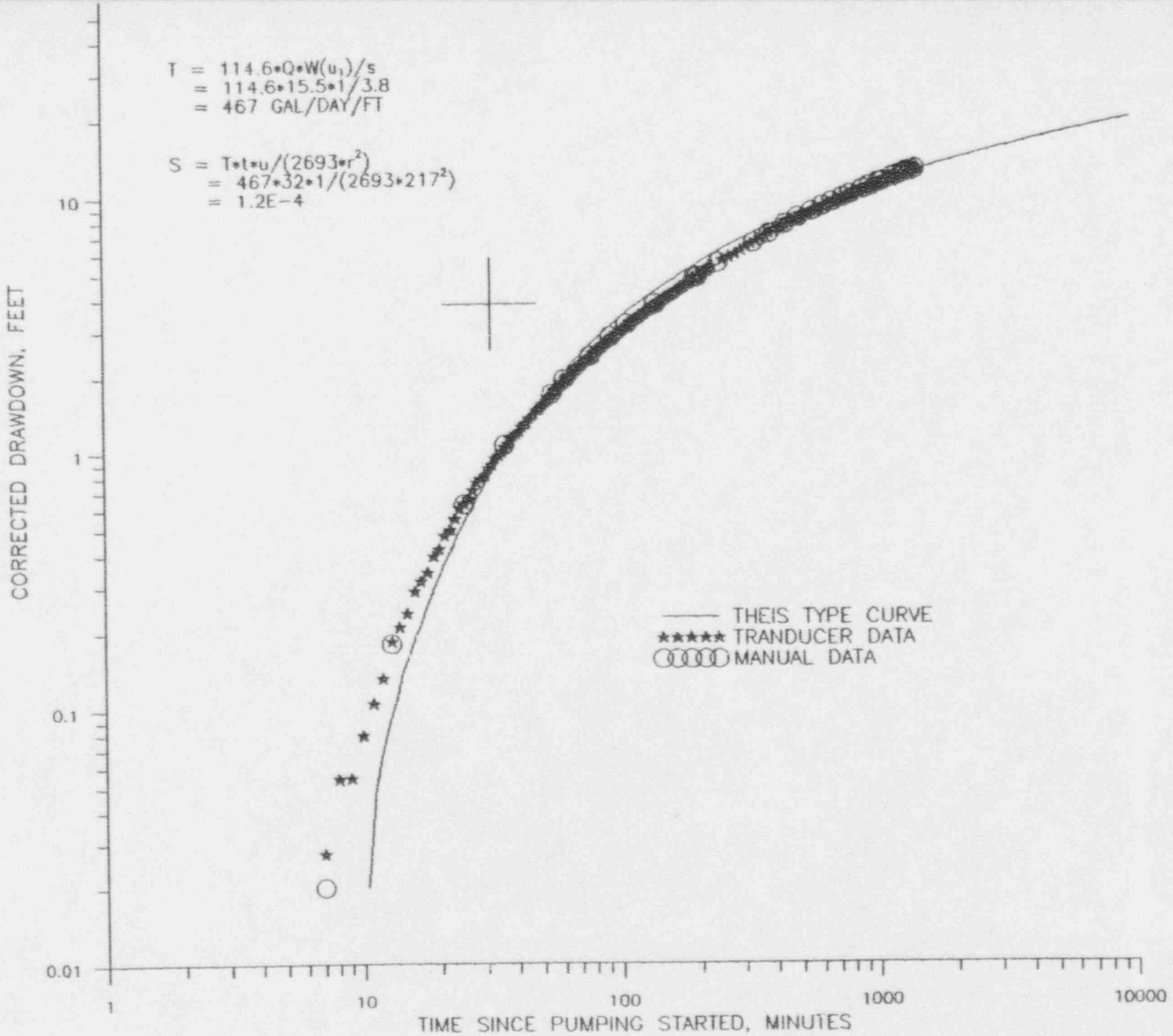


FIGURE 10D-24. DRAWDOWN IN OBSERVATION WELL RI-47, LOG-LOG.

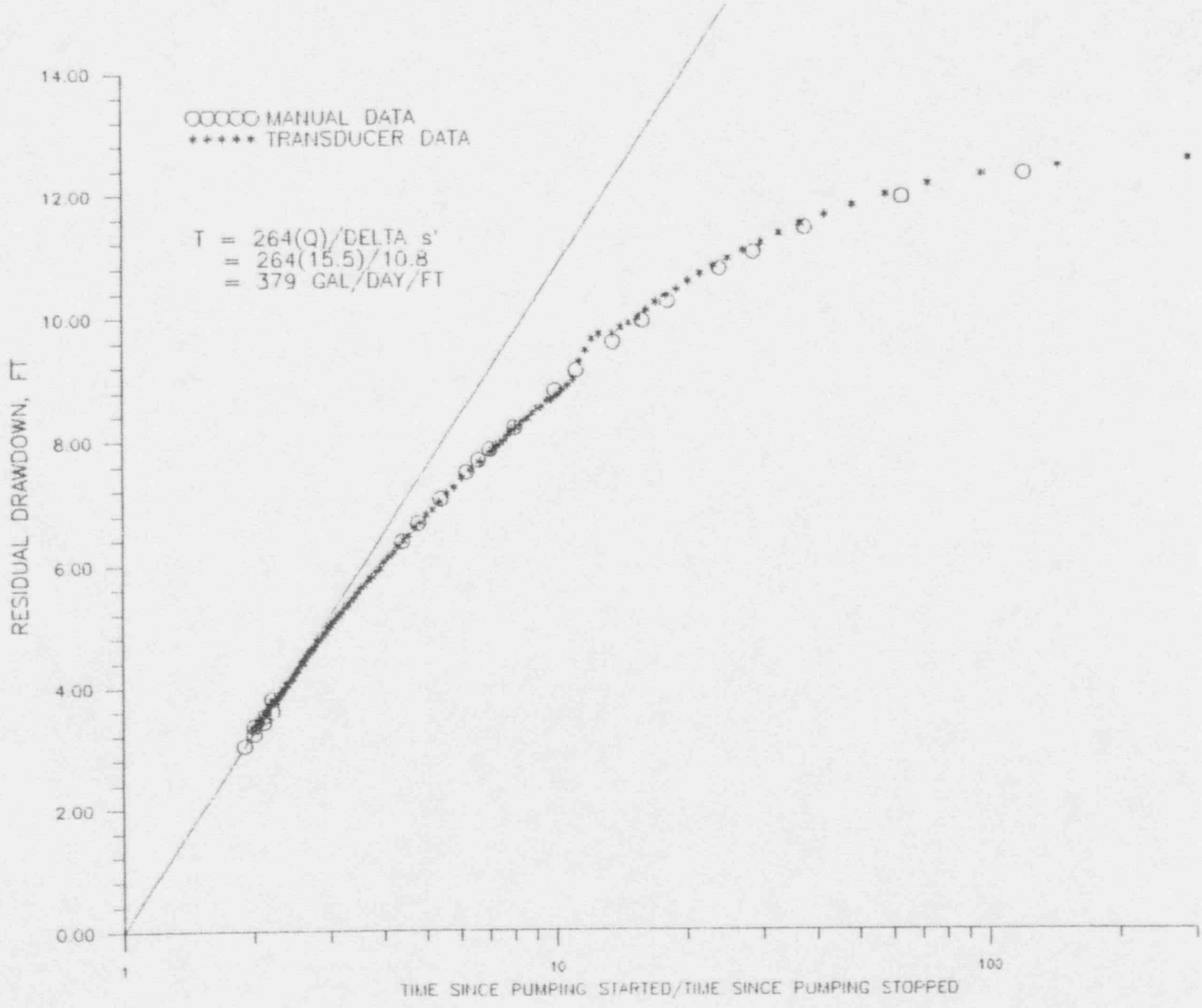


FIGURE 10D-25. RECOVERY IN OBSERVATION WELL RI-47.

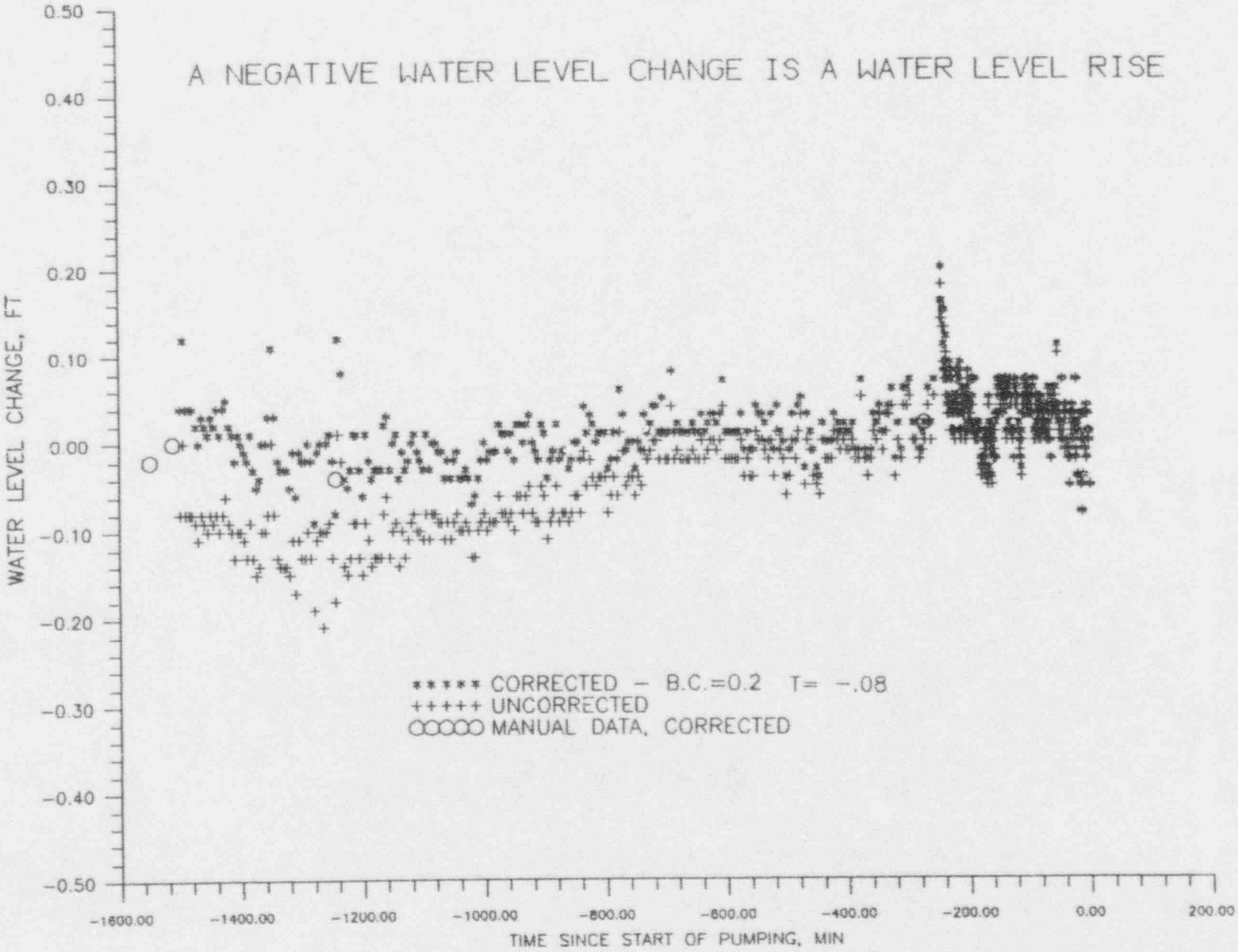


FIGURE 10D-26. UNCORRECTED AND CORRECTED PRE-TEST DATA FOR OBSERVATION WELL MO-2.

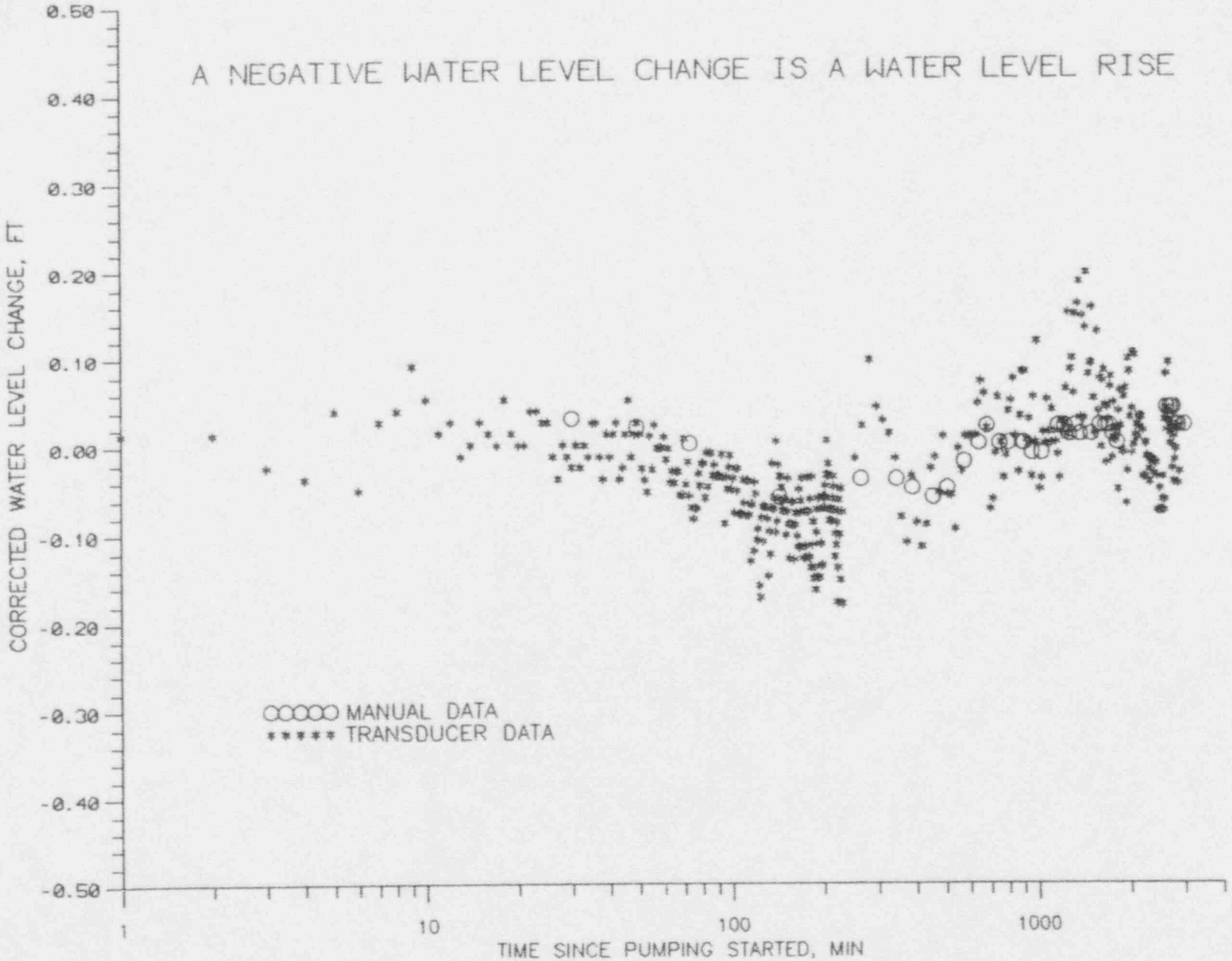


FIGURE 10D-27. WATER LEVEL CHANGE IN OBSERVATION WELL MO-2.

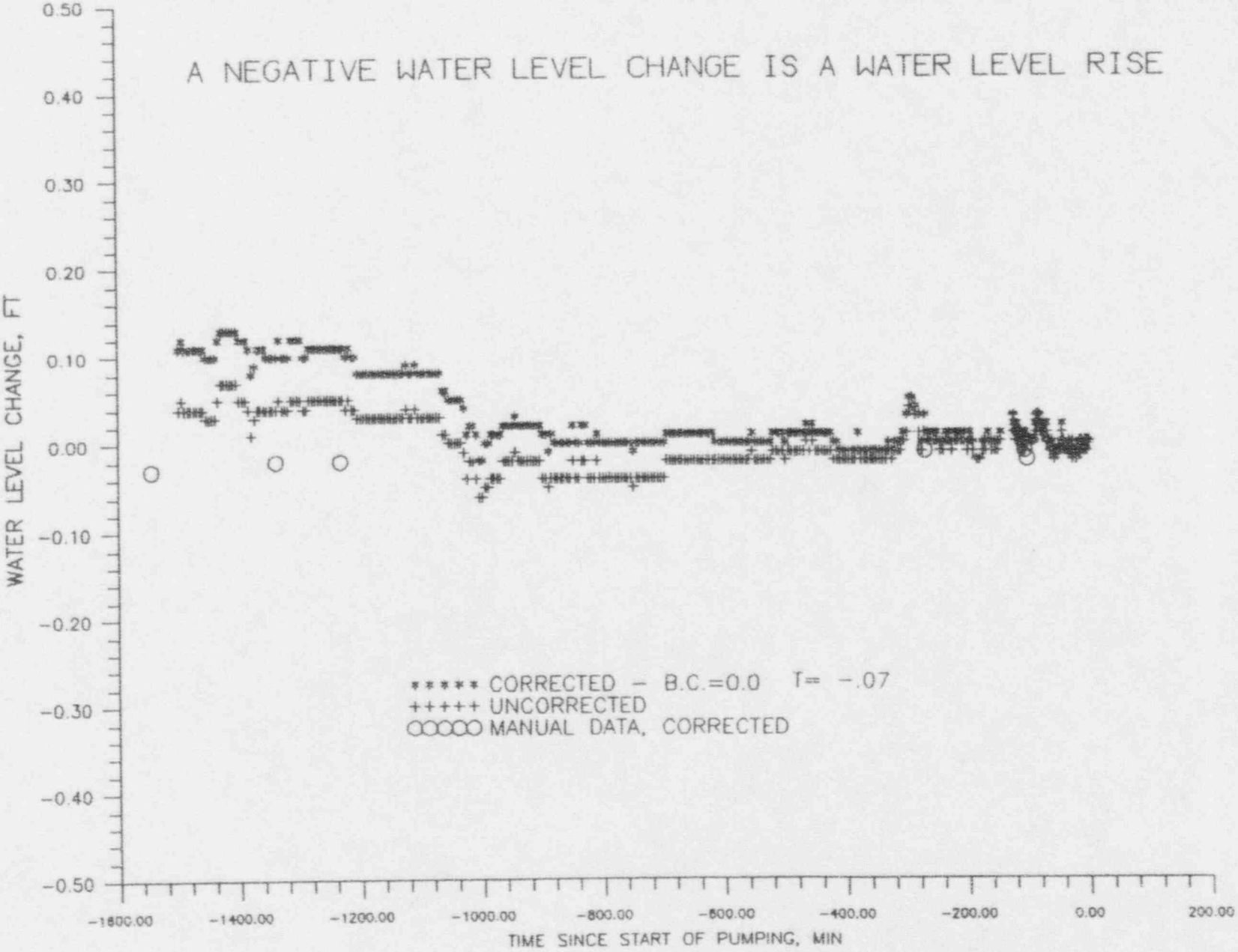


FIGURE 10D-28. UNCORRECTED AND CORRECTED PRE-TEST DATA FOR OBSERVATION WELL MU-2.

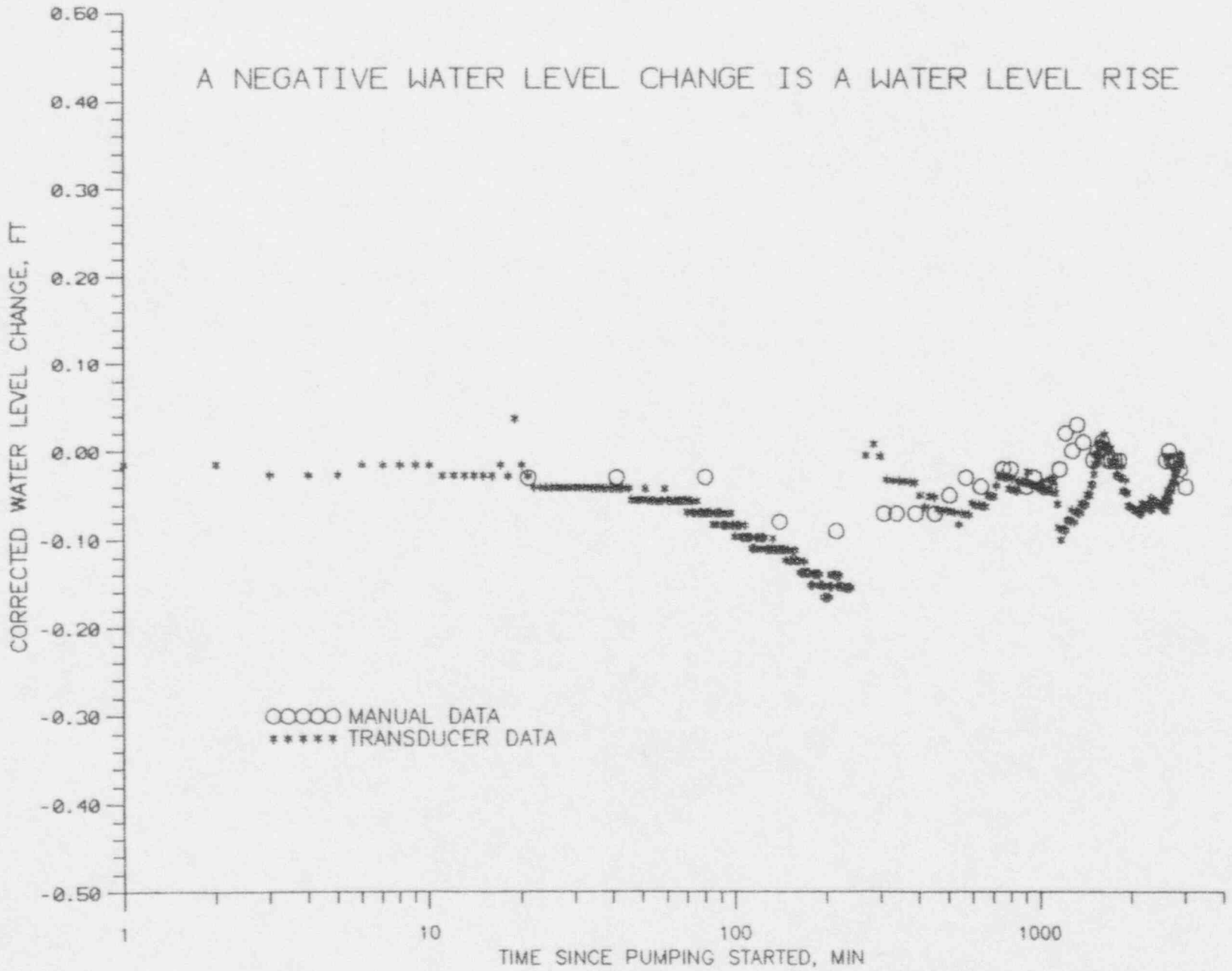


FIGURE 10D-29. WATER LEVEL CHANGE IN OBSERVATION WELL MU-2.

TABLE 10D-1. MP-9 PUMP TEST WELL INFORMATION.

WELL NUMBER	GROUND ELEVATION (ft-msl)	STICK UP ABOVE LSD (ft)	WELL DIAMETER (in)	TOTAL DEPTH (ft-lsd)	TOP OF SAND ELEVATION (ft-msl)	BOTTOM OF SAND ELEVATION (ft-msl)	SAND THICKNESS (ft)	SCREENED INTERVAL (ft-lsd)	DEPTH TO WATER 6/8/94 (ft-mp)	STATIC WATER LEVEL ELEVATION (ft-msl)
MP-9	5174.0	0.90	5	452	4825	4722	103	349 - 449	218.77	4956.13
MP-2	5170.0	1.05	5	400	4824	4722	102	377 - 392	214.55	4956.50
RI-45	5168.0	0.98	5	401	4826			379 - 389	211.08	4957.90
RI-46	5178.0	0.45	5	441	4835			388 - 405	221.13	4957.33
RI-47	5180.0	1.36	5	440	4826			388 - 405	222.62	4958.74
MO-2	5170.0	1.32	5	320	4908	4819	89	272 - 314	208.39	4962.93
MU-2	5172.0	1.20	5	225	5024	4951	73	169 - 209	147.55	5025.65

TABLE 10D-1A. SUMMARY OF AQUIFER CHARACTERISTICS

WELL NUMBER	AQUIFER THICKNESS (ft)	TRANSMISSIVITY (gal/day/ft) LOG-LOG	SEMI-LOG	RECOVERY	BEST VALUE	HYDRAULIC CONDUCTIVITY (ft/day)	(darcy)	S
MP-9 MULTI-WELL TEST								
MP-9	103	--	439	362	362	0.47	0.14	--
MP-2	--	335	359	359	359	0.46	0.13	1.8E-4
RI-45	--	433	390	397	390	0.51	0.15	6.9E-5
RI-46	--	386	390	405	390	0.51	0.15	1.7E-4
RI-47	--	467	409	379	379	0.49	0.14	1.4E-4
MP-9 SINGLE-WELL TEST								
MP-9 @ 8.9 GPM	103	--	615	606	606	0.79	0.23	--
MP-9 @ 14 GPM	103	--	676	532	532	0.69	0.20	--
MP-9 @ 22 GPM	103	--	733	301	733	0.95	0.27	--

TABLE 10D-2. AQUIFER-TEST DATA FOR PUMPING WELL MP-9 at 8.9 GPM.

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-03-94	08:29	-26	--	--	218.11	-0.47	--	--	--	--
	08:39	-16	--	--	218.11	-0.47	--	--	--	--
	08:55	PUMP ON								
	08:56	1	--	--	234.98	16.40	--	--	--	--
	08:57	2	--	--	234.83	16.25	--	--	--	--
	08:58	3	--	--	232.50	13.92	--	--	--	--
	08:59	4	--	--	231.48	12.90	--	--	--	--
	09:00	5	--	--	230.73	12.15	--	--	--	--
	09:01	6	--	--	230.43	11.85	9.00	--	--	--
	09:02	7	--	--	230.37	11.79	--	--	--	--
	09:03	8	--	--	230.39	11.81	--	--	--	--
	09:04	9	--	--	230.45	11.87	9.50	--	--	--
	09:05	10	--	--	230.52	11.94	--	--	--	--
	09:06	11	--	--	230.63	12.05	--	--	--	--
	09:07	12	--	--	230.73	12.15	--	--	--	--
	09:08	13	--	--	230.82	12.24	--	--	--	--
	09:11	16	--	--	--	--	9.00	--	--	--
	09:20	25	--	--	231.75	13.17	--	--	--	--
	09:21	26	--	--	231.80	13.22	--	--	--	--
	09:22	27	--	--	231.85	13.27	--	--	--	--
	09:23	28	--	--	231.91	13.33	--	--	--	--
	09:24.5	29.5	--	--	--	--	9.00	--	--	--
	09:27	32	--	--	232.10	13.52	--	--	--	--
	09:30	35	--	--	232.25	13.67	--	--	--	--
	09:32	37	--	--	232.34	13.76	--	--	--	--
	09:34	39	--	--	232.43	13.85	--	--	--	--
	09:35	40	--	--	--	--	8.90	--	--	--
	09:39	44	--	--	232.65	14.07	--	--	--	--
	09:40	UNPLUGGED 10W								
	09:41	46	--	--	232.73	14.15	--	--	--	--
	09:42	47	--	--	--	--	8.90	--	--	--
	09:44	49	--	--	232.83	14.25	--	--	--	--
	09:46	51	--	--	232.91	14.33	--	--	--	--
	09:47	52	--	--	--	--	8.90	--	--	--
	09:49	54	--	--	233.02	14.44	--	--	--	--
	09:52	57	--	--	233.09	14.51	--	--	--	--
	09:53	58	--	--	233.12	14.54	--	--	--	--
	09:55.5	PUMP OFF								
	09:57	62	1.5	41.50	218.02	-0.56	--	--	--	--
	09:58	63	2.5	25.16	217.01	-1.57	--	--	--	--
	10:00	65	4.5	14.43	219.75	1.17	--	--	--	--
	10:06	71	10.5	6.76	221.14	2.56	--	--	--	--
	10:08	73	12.5	5.84	221.03	2.45	--	--	--	--
	10:10	75	14.5	5.17	220.93	2.35	--	--	--	--

TABLE 10D-2. AQUIFER-TEST DATA FOR PUMPING WELL HP-9 at 8.9 GPM, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	10:13	78	17.5	4.46	220.72	2.14	--	--	--	--
	10:18	81	20.5	3.95	220.57	1.99	--	--	--	--
	10:19	84	23.5	3.58	220.42	1.84	--	--	--	--
	10:29	94	33.5	2.81	220.05	1.47	--	--	--	--
	10:34	99	38.5	2.57	219.92	1.34	--	--	--	--
	13:17	262	201.5	1.30	219.60	1.02	--	--	--	--
	13:37	282	221.5	1.27	219.61	1.03	--	--	--	--
	16:25	450	389.5	1.16	218.56	-0.02	--	--	--	--
	16:26	451	390.5	1.15	218.56	-0.02	--	--	--	--

TABLE 10D-3. UNCORRECTED TRANSDUCER DATA FOR PUMPING WELL MP-9 at 8.9 GPM.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-03	08:50	-5.0	218.58	0.00
06-03	08:51	-4.0	218.58	0.00
06-03	08:52	-3.0	218.84	0.26
06-03	08:53	-2.0	218.58	0.00
06-03	08:54	-1.0	218.84	0.26
06-03	08:55	0.0	218.58	0.00
06-03	08:56	1.0	235.04	16.46
06-03	08:57	2.0	234.02	15.44
06-03	08:58	3.0	233.24	14.66
06-03	08:59	4.0	231.70	13.12
06-03	09:00	5.0	230.93	12.35
06-03	09:01	6.0	230.57	12.00
06-03	09:02	7.0	232.47	13.89
06-03	09:03	8.0	230.63	12.05
06-03	09:04	9.0	230.63	12.05
06-03	09:07	12.0	230.89	12.31
06-03	09:08	13.0	230.89	12.31
06-03	09:09	14.0	230.89	12.31
06-03	09:10	15.0	231.14	12.56
06-03	09:11	16.0	230.63	12.05
06-03	09:12	17.0	231.14	12.56
06-03	09:13	18.0	231.66	13.08
06-03	09:14	19.0	231.40	12.82
06-03	09:15	20.0	231.40	12.82
06-03	09:16	21.0	231.40	12.82
06-03	09:17	22.0	231.66	13.08
06-03	09:18	23.0	231.66	13.08
06-03	09:19	24.0	231.66	13.08
06-03	09:20	25.0	231.66	13.08
06-03	09:21	26.0	231.91	13.33
06-03	09:22	27.0	231.91	13.33
06-03	09:23	28.0	231.91	13.33
06-03	09:24	29.0	231.91	13.33
06-03	09:25	30.0	231.91	13.33
06-03	09:26	31.0	232.17	13.59
06-03	09:27	32.0	232.17	13.59
06-03	09:28	33.0	232.17	13.59
06-03	09:29	34.0	232.17	13.59
06-03	09:30	35.0	232.17	13.59
06-03	09:31	36.0	232.17	13.59
06-03	09:32	37.0	232.43	13.85
06-03	09:33	38.0	232.43	13.85
06-03	09:34	39.0	232.17	13.59
06-03	09:35	40.0	232.69	14.11
06-03	09:36	41.0	232.43	13.85
06-03	09:37	42.0	232.69	14.11
06-03	09:38	43.0	232.43	13.85
06-03	09:39	44.0	232.94	14.36
06-03	09:40	45.0	232.94	14.36
06-03	09:41	46.0	232.69	14.11
06-03	09:42	47.0	232.69	14.11
06-03	09:43	48.0	232.94	14.36
06-03	09:44	49.0	232.69	14.11
06-03	09:45	50.0	232.69	14.11
06-03	09:46	51.0	232.94	14.36
06-03	09:47	52.0	232.94	14.36
06-03	09:48	53.0	232.94	14.36
06-03	09:49	54.0	232.69	14.11
06-03	09:50	55.0	233.20	14.62
06-03	09:51	56.0	232.94	14.36
06-03	09:52	57.0	232.94	14.36
06-03	09:53	58.0	232.94	14.36
06-03	09:54	59.0	233.20	14.62
06-03	09:55	60.0	232.94	14.36

TABLE 10D-4. AQUIFER-TEST DATA FOR PUMPING WELL HP-9 at 14 GPM, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	19:30	75	8	9.38	223.89	5.31	--	--	--	--
	19:31	76	9	8.44	223.82	5.24	--	--	--	--
	19:32	77	10	7.70	223.69	5.11	--	--	--	--
	19:33	78	11	7.09	223.58	5.00	--	--	--	--
	19:34	79	12	6.58	223.43	4.85	--	--	--	--
	19:35	80	13	6.15	223.29	4.71	--	--	--	--
	19:36	81	14	5.79	223.14	4.56	--	--	--	--
	19:37	82	15	5.46	223.01	4.43	--	--	--	--
06-03-94	08:29	854	787	1.09	218.11	-0.47	--	--	--	--
	08:39	864	797	1.08	218.11	-0.47	--	--	--	--

TABLE 10D-5. AQUIFER-TEST DATA FOR PUMPING WELL MP-9 at 22 GPM.

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-03-94	16:25	-15	--	--	218.56	-0.02	--	--	--	--
	16:26	-14	--	--	218.56	-0.02	--	--	--	--
	16:27	PUMP ON								
	16:28	-12	--	--	234.83	16.25	--	--	--	--
	16:29	-11	--	--	234.28	15.70	14.40	--	--	--
	16:30	-10	--	--	234.77	16.19	--	--	--	--
	16:31	-9	--	--	235.38	16.80	14.60	--	--	--
	16:36	PUMP OFF								
	16:37	-3	--	--	236.21	17.63	--	--	--	--
	16:40	PUMP ON								
	16:42	2	--	--	--	--	23.30	--	--	--
	16:46	6	--	--	243.35	24.77	--	--	--	--
	16:47.5	7.5	--	--	244.16	25.58	--	--	--	--
	16:49	9	--	--	244.76	26.18	23.50	--	--	--
	16:50	10	--	--	245.06	26.48	--	--	--	--
	17:01	21	--	--	247.17	28.59	22.40	--	--	--
	17:03	23	--	--	247.46	28.88	--	--	--	--
	17:09	29	--	--	--	--	21.40	--	--	--
	17:14.5	34.5	--	--	248.49	29.91	--	--	--	--
	17:16	36	--	--	248.67	30.09	--	--	--	--
	17:18	38	--	--	--	--	21.10	--	--	--
	17:19	39	--	--	248.86	30.28	--	--	--	--
	17:21	41	--	--	248.96	30.38	--	--	--	--
	17:24	44	--	--	249.11	30.53	--	--	--	--
	17:27	47	--	--	249.30	30.72	--	--	--	--
	17:30	50	--	--	249.48	30.90	--	--	--	--
	17:31	PUMP OFF								

TABLE 10D-6. UNCORRECTED TRANSDUCER DATA FOR PUMPING WELL MP-9 at 22 GPM.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-03	14:10	-150.0	219.61	1.03
06-03	14:25	-135.0	219.61	1.03
06-03	14:40	-120.0	219.48	0.90
06-03	14:55	-105.0	219.35	0.77
06-03	15:10	-90.0	219.35	0.77
06-03	15:25	-75.0	219.35	0.77
06-03	15:40	-60.0	219.22	0.64
06-03	15:55	-45.0	219.22	0.64
06-03	16:10	-30.0	219.09	0.51
06-03	16:20	-20.0	219.09	0.51
06-03	16:21	-19.0	219.09	0.51
06-03	16:22	-18.0	219.09	0.51
06-03	16:23	-17.0	219.09	0.51
06-03	16:24	-16.0	219.09	0.51
06-03	16:25	-15.0	219.09	0.51
06-03	16:26	-14.0	219.09	0.51
06-03	16:27	-13.0	219.09	0.51
06-03	16:28	-12.0	234.27	15.69
06-03	16:29	-11.0	233.89	15.31
06-03	16:30	-10.0	234.40	15.82
06-03	16:31	-9.0	235.04	16.46
06-03	16:32	-8.0	235.56	16.98
06-03	16:33	-7.0	235.82	17.24
06-03	16:34	-6.0	236.33	17.75
06-03	16:35	-5.0	236.59	18.01
06-03	16:36	-4.0	236.59	18.01
06-03	16:37	-3.0	224.50	5.92
06-03	16:38	-2.0	218.45	-0.13
06-03	16:39	-1.0	217.55	-1.03
06-03	16:40	0.0	218.58	0.00
06-03	16:41	1.0	219.74	1.16
06-03	16:42	2.0	235.43	16.85
06-03	16:43	3.0	238.90	20.32
06-03	16:44	4.0	240.96	22.38
06-03	16:45	5.0	241.99	23.41
06-03	16:46	6.0	242.76	24.18
06-03	16:47	7.0	243.28	24.70
06-03	16:48	8.0	244.18	25.60
06-03	16:49	9.0	244.05	25.47
06-03	16:50	10.0	244.30	25.72
06-03	16:51	11.0	244.69	26.11
06-03	16:52	12.0	244.82	26.24
06-03	16:53	13.0	245.08	26.50
06-03	16:54	14.0	245.08	26.50
06-03	16:55	15.0	245.72	27.14
06-03	16:56	16.0	246.11	27.53
06-03	16:57	17.0	245.98	27.40
06-03	16:58	18.0	246.23	27.65
06-03	16:59	19.0	246.36	27.78
06-03	17:37	57.0	226.68	8.10
06-03	17:38	58.0	226.55	7.97
06-03	17:39	59.0	226.43	7.85
06-03	17:40	60.0	226.17	7.59
06-03	17:41	61.0	225.91	7.33
06-03	17:42	62.0	225.78	7.20
06-03	17:43	63.0	225.52	6.94
06-03	17:44	64.0	225.27	6.69
06-03	17:45	65.0	225.14	6.56
06-03	17:46	66.0	225.01	6.43
06-03	17:47	67.0	224.75	6.17
06-03	17:48	68.0	224.63	6.04
06-03	17:49	69.0	224.50	5.92
06-03	17:50	70.0	224.37	5.79
06-03	17:51	71.0	224.24	5.66
06-03	17:52	72.0	224.11	5.53
06-03	17:53	73.0	223.98	5.40
06-03	17:54	74.0	223.85	5.27
06-03	17:55	75.0	223.72	5.14
06-03	17:56	76.0	223.72	5.14
06-03	17:57	77.0	223.60	5.02
06-03	17:58	78.0	223.47	4.89
06-03	17:59	79.0	223.47	4.89
06-03	18:00	80.0	223.34	4.76
06-03	18:01	81.0	223.21	4.63
06-03	18:02	82.0	223.21	4.63
06-03	18:03	83.0	223.08	4.50
06-03	18:04	84.0	223.08	4.50
06-03	18:05	85.0	222.95	4.37
06-03	18:06	86.0	222.95	4.37
06-03	18:07	87.0	222.82	4.24
06-03	18:08	88.0	222.82	4.24
06-03	18:09	89.0	222.70	4.12
06-03	18:10	90.0	222.70	4.12
06-03	18:11	91.0	222.57	3.99
06-03	18:12	92.0	222.57	3.99
06-03	18:13	93.0	222.44	3.86
06-03	18:14	94.0	222.44	3.86
06-03	18:15	95.0	222.44	3.86
06-03	18:16	96.0	222.31	3.73
06-03	18:17	97.0	222.31	3.73
06-03	18:18	98.0	222.31	3.73
06-03	18:19	99.0	222.18	3.60
06-03	18:20	100.0	222.18	3.60
06-03	18:21	101.0	222.18	3.60
06-03	18:22	102.0	222.05	3.47
06-03	18:23	103.0	222.05	3.47
06-03	18:24	104.0	222.05	3.47
06-03	18:25	105.0	222.05	3.47
06-03	18:26	106.0	221.92	3.34
06-03	18:27	107.0	221.92	3.34
06-03	18:28	108.0	221.92	3.34
06-03	18:29	109.0	221.92	3.34
06-03	18:30	110.0	221.79	3.21
06-03	18:31	111.0	221.79	3.21
06-03	18:32	112.0	221.79	3.21
06-03	18:33	113.0	221.67	3.09
06-03	18:34	114.0	221.67	3.09
06-03	18:35	115.0	221.67	3.09
06-03	18:36	116.0	221.67	3.09
06-03	18:37	117.0	221.54	2.96
06-03	18:38	118.0	221.54	2.96
06-03	18:39	119.0	221.54	2.96
06-03	18:40	120.0	221.54	2.96
06-03	18:41	121.0	221.54	2.96
06-03	18:42	122.0	221.41	2.83
06-03	18:43	123.0	221.41	2.83
06-03	18:44	124.0	221.41	2.83
06-03	18:45	125.0	221.41	2.83
06-03	18:46	126.0	221.41	2.83
06-03	18:47	127.0	221.41	2.83
06-03	18:48	128.0	221.41	2.83
06-03	18:49	129.0	221.28	2.70
06-03	18:50	130.0	221.28	2.70
06-03	18:51	131.0	221.28	2.70
06-03	18:52	132.0	221.28	2.70
06-03	18:53	133.0	221.28	2.70
06-03	18:54	134.0	221.15	2.57
06-03	18:55	135.0	221.15	2.57
06-03	18:56	136.0	221.15	2.57
06-03	18:57	137.0	221.15	2.57
06-03	18:58	138.0	221.15	2.57
06-03	18:59	139.0	221.15	2.57
06-03	19:00	140.0	221.15	2.57
06-03	19:01	141.0	221.02	2.44
06-03	19:02	142.0	221.02	2.44
06-03	19:03	143.0	221.02	2.44
06-03	19:04	144.0	221.02	2.44
06-03	19:05	145.0	221.02	2.44
06-03	19:06	146.0	221.02	2.44
06-03	19:07	147.0	221.02	2.44
06-03	19:08	148.0	220.89	2.31
06-03	19:09	149.0	220.89	2.31
06-03	19:10	150.0	220.89	2.31
06-03	19:11	151.0	220.89	2.31
06-03	19:12	152.0	220.89	2.31
06-03	19:13	153.0	220.89	2.31
06-03	19:14	154.0	220.89	2.31
06-03	19:15	155.0	220.77	2.19
06-03	19:16	156.0	220.77	2.19
06-03	19:17	157.0	220.77	2.19
06-03	19:18	158.0	220.77	2.19
06-03	19:19	159.0	220.77	2.19
06-03	19:20	160.0	220.77	2.19
06-03	19:21	161.0	220.77	2.19
06-03	19:22	162.0	220.77	2.19
06-03	19:23	163.0	220.77	2.19
06-03	19:24	164.0	220.77	2.19
06-03	19:25	165.0	220.77	2.19
06-03	19:26	166.0	220.77	2.19
06-03	19:27	167.0	220.64	2.06
06-03	19:28	168.0	220.64	2.06
06-03	19:29	169.0	220.64	2.06
06-03	19:30	170.0	220.64	2.06
06-03	19:31	171.0	220.64	2.06
06-03	19:32	172.0	220.64	2.06
06-03	19:33	173.0	220.64	2.06
06-03	19:34	174.0	220.64	2.06
06-03	19:35	175.0	220.64	2.06
06-03	19:36	176.0	220.64	2.06
06-03	19:37	177.0	220.51	1.93
06-03	19:38	178.0	220.51	1.93
06-03	19:39	179.0	220.51	1.93
06-03	19:40	180.0	220.51	1.93
06-03	19:41	181.0	220.51	1.93
06-03	19:42	182.0	220.51	1.93
06-03	19:43	183.0	220.51	1.93
06-03	19:44	184.0	220.51	1.93
06-03	19:45	185.0	220.51	1.93
06-03	19:46	186.0	220.51	1.93
06-03	19:47	187.0	220.38	1.80
06-03	19:48	188.0	220.38	1.80
06-03	19:49	189.0	220.38	1.80
06-03	19:50	190.0	220.38	1.80
06-03	19:51	191.0	220.38	1.80
06-03	19:52	192.0	220.38	1.80
06-03	19:53	193.0	220.38	1.80
06-03	19:54	194.0	220.38	1.80
06-03	19:55	195.0	220.38	1.80
06-03	19:56	196.0	220.38	1.80
06-03	19:57	197.0	220.38	1.80
06-03	19:58	198.0	220.38	1.80
06-03	19:59	199.0	220.38	1.80
06-03	20:00	200.0	220.38	1.80
06-03	20:01	201.0	220.25	1.67
06-03	20:02	202.0	220.25	1.67
06-03	20:03	203.0	220.25	1.67
06-03	20:04	204.0	220.25	1.67
06-03	20:05	205.0	220.25	1.67
06-03	20:06	206.0	220.25	1.67
06-03	20:07	207.0	220.25	1.67
06-03	20:08	208.0	220.25	1.67
06-03	20:09	209.0	220.25	1.67
06-03	20:10	210.0	220.25	1.67
06-03	20:11	211.0	220.25	1.67

TABLE 10D-6. UNCORRECTED TRANSDUCER DATA FOR PUMPING WELL MP-9 at 22 GPM, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-03	20:12	212.0	220.25	1.67
06-03	20:13	213.0	220.25	1.67
06-03	20:14	214.0	220.25	1.67
06-03	20:15	215.0	220.25	1.67
06-03	20:16	216.0	220.25	1.67
06-03	20:17	217.0	220.25	1.67
06-03	20:18	218.0	220.25	1.67
06-03	20:19	219.0	220.25	1.67
06-03	20:20	220.0	220.12	1.54
06-03	20:21	221.0	220.12	1.54
06-03	20:22	222.0	220.12	1.54
06-03	20:23	223.0	220.12	1.54
06-03	20:24	224.0	220.12	1.54
06-03	20:25	225.0	220.12	1.54
06-03	20:26	226.0	220.12	1.54
06-03	20:27	227.0	220.12	1.54
06-03	20:28	228.0	220.12	1.54
06-03	20:29	229.0	220.12	1.54
06-03	20:30	230.0	220.12	1.54
06-03	20:31	231.0	220.12	1.54
06-03	20:32	232.0	220.12	1.54
06-03	20:33	233.0	220.12	1.54
06-03	20:34	234.0	220.12	1.54
06-03	20:35	235.0	220.12	1.54
06-03	20:36	236.0	220.12	1.54
06-03	20:37	237.0	220.12	1.54
06-03	20:38	238.0	220.12	1.54
06-03	20:39	239.0	219.99	1.41
06-03	20:40	240.0	219.99	1.41
06-03	20:41	241.0	219.99	1.41
06-03	20:42	242.0	219.99	1.41
06-03	20:43	243.0	219.99	1.41
06-03	20:44	244.0	219.99	1.41
06-03	20:45	245.0	219.99	1.41
06-03	20:46	246.0	219.99	1.41
06-03	20:47	247.0	219.99	1.41
06-03	20:48	248.0	219.99	1.41
06-03	20:49	249.0	219.99	1.41
06-03	20:50	250.0	219.99	1.41
06-03	20:51	251.0	219.99	1.41
06-03	20:52	252.0	219.99	1.41
06-03	20:53	253.0	219.99	1.41
06-03	20:54	254.0	219.99	1.41
06-03	20:55	255.0	219.99	1.41
06-03	20:56	256.0	219.99	1.41
06-03	20:57	257.0	219.99	1.41
06-03	20:58	258.0	219.99	1.41
06-03	20:59	259.0	219.99	1.41
06-03	21:00	260.0	219.87	1.29
06-03	21:01	261.0	219.87	1.29
06-03	21:02	262.0	219.87	1.29
06-03	21:03	263.0	219.87	1.29
06-03	21:04	264.0	219.87	1.29
06-03	21:05	265.0	219.87	1.29
06-03	21:06	266.0	219.87	1.29
06-03	21:07	267.0	219.87	1.29
06-03	21:08	268.0	219.87	1.29
06-03	21:09	269.0	219.87	1.29
06-03	21:10	270.0	219.87	1.29
06-03	21:11	271.0	219.87	1.29
06-03	21:12	272.0	219.87	1.29
06-03	21:13	273.0	219.87	1.29
06-03	21:14	274.0	219.87	1.29
06-03	21:15	275.0	219.87	1.29
06-03	21:16	276.0	219.87	1.29
06-03	21:17	277.0	219.87	1.29
06-03	21:18	278.0	219.87	1.29
06-03	21:19	279.0	219.87	1.29
06-03	21:20	280.0	219.87	1.29
06-03	21:21	281.0	219.87	1.29
06-03	21:22	282.0	219.87	1.29
06-03	21:23	283.0	219.87	1.29
06-03	21:24	284.0	219.87	1.29
06-03	21:25	285.0	219.87	1.29
06-03	21:26	286.0	219.87	1.29
06-03	21:27	287.0	219.74	1.16
06-03	21:28	288.0	219.87	1.29
06-03	21:29	289.0	219.74	1.16
06-03	21:30	290.0	219.74	1.16
06-03	21:40	300.0	219.74	1.16
06-03	21:55	315.0	219.74	1.16
06-03	22:10	330.0	219.61	1.03
06-03	22:25	345.0	219.61	1.03
06-03	22:40	360.0	219.61	1.03
06-03	22:55	375.0	219.48	0.90
06-03	23:10	390.0	219.48	0.90
06-03	23:25	405.0	219.48	0.90
06-03	23:40	420.0	219.48	0.90
06-03	23:55	435.0	219.35	0.77
06-04	00:10	450.0	219.35	0.77
06-04	00:25	465.0	219.35	0.77
06-04	00:40	480.0	219.35	0.77
06-04	00:55	495.0	219.35	0.77
06-04	01:10	510.0	219.35	0.77
06-04	01:25	525.0	219.22	0.64
06-04	01:40	540.0	219.22	0.64
06-04	01:55	555.0	219.22	0.64
06-04	02:10	570.0	219.22	0.64
06-04	02:25	585.0	219.22	0.64
06-04	02:40	600.0	219.22	0.64
06-04	02:55	615.0	219.22	0.64
06-04	03:10	630.0	219.22	0.64
06-04	03:25	645.0	219.09	0.51
06-04	03:40	660.0	219.09	0.51
06-04	03:55	675.0	219.09	0.51
06-04	04:10	690.0	219.09	0.51
06-04	04:25	705.0	219.09	0.51
06-04	04:40	720.0	219.09	0.51
06-04	04:55	735.0	219.09	0.51
06-04	05:10	750.0	219.09	0.51
06-04	05:25	765.0	219.09	0.51
06-04	05:40	780.0	218.96	0.38
06-04	05:55	795.0	218.96	0.38
06-04	06:10	810.0	218.96	0.38
06-04	06:25	825.0	218.96	0.38
06-04	06:40	840.0	218.96	0.38
06-04	06:55	855.0	218.96	0.38
06-04	07:10	870.0	218.96	0.38
06-04	07:25	885.0	218.96	0.38
06-04	07:40	900.0	218.96	0.38
06-04	07:55	915.0	218.96	0.38
06-04	08:10	930.0	218.96	0.38
06-04	08:25	945.0	218.96	0.38
06-04	08:40	960.0	218.96	0.38
06-04	08:55	975.0	218.96	0.38
06-04	09:10	990.0	218.84	0.26
06-04	09:25	1005.0	218.84	0.26
06-04	09:40	1020.0	218.84	0.26
06-04	09:55	1035.0	218.84	0.26
06-04	10:10	1050.0	218.84	0.26
06-04	10:25	1065.0	218.84	0.26
06-04	10:40	1080.0	218.84	0.26
06-04	10:55	1095.0	218.84	0.26
06-04	11:10	1110.0	218.84	0.26
06-04	11:25	1125.0	218.84	0.26
06-04	11:40	1140.0	218.84	0.26
06-04	11:55	1155.0	218.84	0.26
06-04	12:10	1170.0	218.84	0.26
06-04	12:25	1185.0	218.84	0.26
06-04	12:40	1200.0	218.84	0.26
06-04	12:55	1215.0	218.84	0.26
06-04	13:10	1230.0	218.84	0.26
06-04	13:25	1245.0	218.84	0.26
06-04	13:40	1260.0	218.84	0.26
06-04	13:55	1275.0	218.84	0.26
06-04	14:10	1290.0	218.84	0.26
06-04	14:25	1305.0	218.84	0.26
06-04	14:40	1320.0	218.84	0.26
06-04	14:55	1335.0	218.84	0.26
06-04	15:10	1350.0	218.84	0.26
06-04	15:25	1365.0	218.84	0.26
06-04	15:40	1380.0	218.71	0.13
06-04	15:55	1395.0	218.71	0.13
06-04	16:10	1410.0	218.71	0.13
06-04	16:25	1425.0	218.71	0.13
06-04	16:40	1440.0	218.71	0.13
06-04	16:55	1455.0	218.71	0.13
06-04	17:10	1470.0	218.71	0.13
06-04	17:25	1485.0	218.71	0.13
06-04	17:40	1500.0	218.71	0.13
06-04	17:55	1515.0	218.71	0.13

TABLE 10D-7. AQUIFER-TEST DATA FOR PUMPING WELL MP-9.

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-06-94	10:29	--	--	--	217.94	--	--	--	--	--
06-07-94	14:50	--	--	--	219.34	--	--	--	--	--
	16:06	LOGGER ON								
	16:12	--	--	--	219.23	--	--	--	--	--
06-08-94	08:01	--	--	--	218.77	--	--	--	--	--
	08:21	--	--	--	218.77	--	--	--	--	--
	11:29	--	--	--	217.52	--	--	--	--	--
	11:30	PUMP ON								
	11:31	--	--	--	235.00	--	--	--	--	--
	11:32	--	--	--	237.36	--	--	--	--	--
	11:35	PUMP OFF - DISCHARGE METER NOT WORKING								
	11:49	--	--	--	218.47	--	--	--	--	--
	11:52	PUMP ON - TEST METER								
	11:53	PUMP OFF								
	12:39	--	--	--	217.79	--	--	--	--	--
	12:58	--	--	--	217.73	--	--	--	--	--
	13:00	PUMP ON								
	13:01	1	--	--	234.42	16.69	--	--	--	--
	13:02	2	--	--	235.51	17.78	16.00	--	--	--
	13:03	3	--	--	236.05	18.32	15.00	--	--	--
	13:04	4	--	--	236.79	19.06	--	--	--	--
	13:05	5	--	--	237.29	19.56	--	--	--	--
	13:07	7	--	--	--	--	15.50	--	--	--
	13:09	9	--	--	238.78	21.05	--	--	--	--
	13:13	13	--	--	--	--	15.50	--	--	--
	13:14	14	--	--	239.92	22.19	--	--	--	--
	13:17	17	--	--	--	--	15.60	--	--	--
	13:20	20	--	--	240.98	23.25	--	--	--	--
	13:22	22	--	--	--	--	15.50	--	--	--
	13:29	29	--	--	242.03	24.31	--	--	--	--
	13:31	31	--	--	--	--	15.00	--	--	--
	13:35	35	--	--	242.57	24.85	--	--	--	--
	13:36	36	--	--	--	--	15.20	--	--	--
	13:41	41	--	--	243.72	26.00	--	--	--	--
	13:43	43	--	--	--	--	15.70	--	--	--
	13:46	46	--	--	244.08	26.36	--	--	--	--
	13:54	54	--	--	244.77	27.05	--	--	--	--
	13:56	56	--	--	--	--	15.60	--	--	--
	14:02	62	--	--	245.11	27.40	--	--	--	--
	14:10	LOWERED TRANSDUCER 10'								
	14:12	72	--	--	245.61	27.90	--	--	--	--
	14:13	73	--	--	--	--	15.70	--	--	--
	14:23	83	--	--	246.09	28.38	--	--	--	--
	14:39	99	--	--	--	--	15.50	--	--	--

TABLE 10D-7. AQUIFER-TEST DATA FOR PUMPING WELL MP-9, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (mmhos/cm @ 25 deg C)	pH (units)
	14:40	100	--	--	246.69	28.98	--	--	--	--
	15:12	132	--	--	247.66	29.96	--	--	--	--
	15:14	134	--	--	--	--	15.40	--	--	--
	15:49	169	--	--	--	--	15.40	--	--	--
	15:51	171	--	--	248.72	31.03	--	--	--	--
	16:06	186	--	--	249.01	31.32	15.50	--	--	--
	17:31	271	--	--	250.02	32.35	--	--	--	--
	17:33	273	--	--	--	--	15.10	--	--	--
	17:42	282	--	--	--	--	15.90	--	--	--
	18:06	306	--	--	251.78	34.12	--	--	--	--
	18:51	351	--	--	--	--	16.10	--	--	--
	18:59	359	--	--	252.57	34.92	--	--	--	--
	19:42	402	--	--	--	--	16.20	--	--	--
	19:43	403	--	--	252.99	35.35	--	--	--	--
	20:39	459	--	--	--	--	15.40	--	--	--
	20:43	463	--	--	253.31	35.68	--	--	--	--
	21:33	513	--	--	--	--	15.60	--	--	--
	21:38	518	--	--	253.81	36.19	--	--	--	--
	22:40	580	--	--	--	--	15.60	--	--	--
	22:46	586	--	--	254.30	36.69	--	--	--	--
	23:49	648	--	--	--	--	15.80	--	--	--
	23:52	652	--	--	254.67	37.07	--	--	--	--
06-09-94	00:32	692	--	--	--	--	15.50	--	--	--
	00:35	695	--	--	254.92	37.33	--	--	--	--
	01:47	767	--	--	--	--	15.60	--	--	--
	01:49	769	--	--	255.30	37.72	--	--	--	--
	02:29	809	--	--	--	--	15.60	--	--	--
	02:35	815	--	--	255.53	37.96	--	--	--	--
	04:11	911	--	--	--	--	15.40	--	--	--
	04:13	913	--	--	256.07	38.51	--	--	--	--
	05:05	965	--	--	--	--	15.60	--	--	--
	05:08	968	--	--	256.39	38.84	--	--	--	--
	06:17	1037	--	--	256.55	39.01	16.20	--	--	--
	06:56	1076	--	--	256.62	39.08	15.70	--	--	--
	08:19	1159	--	--	256.89	39.37	--	--	--	--
	09:09	1209	--	--	257.08	39.56	15.40	--	--	--
	10:13	1273	--	--	257.18	39.59	15.20	--	--	--
	11:03	1323	--	--	257.23	39.73	15.30	--	--	--
	12:02	1382	--	--	257.32	39.82	15.10	--	--	--
	12:28	1408	--	--	257.37	39.88	15.60	--	--	--
	12:58	1438	--	--	--	--	15.20	--	--	--
	12:59	1439	--	--	257.42	39.93	--	--	--	--
	13:00		PUMP OFF							
	13:04	1444	4	361.09	235.08	17.59	--	--	--	--

TABLE 10D-7. AQUIFER-TEST DATA FOR PUMPING WELL MP-9, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	13:06	1446	6	241.06	237.21	19.72	--	--	--	--
	13:09	1449	9	161.23	236.69	19.20	--	--	--	--
	13:13	1453	13	111.89	235.95	18.46	--	--	--	--
	13:15	1455	15	97.09	235.58	18.09	--	--	--	--
	13:19	1459	19	76.85	234.82	17.43	--	--	--	--
	13:20	RAISE TRANSDUCER 30'								
	13:22	1462	22	66.47	234.52	17.03	--	--	--	--
	13:30	1470	30	49.01	233.62	16.13	--	--	--	--
	13:31	1471	31	47.45	233.46	15.97	--	--	--	--
	13:32	1472	32	46.91	233.40	15.91	--	--	--	--
	13:33	1473	33	44.63	233.24	15.75	--	--	--	--
	13:41	1481	41	36.12	232.62	15.13	--	--	--	--
	13:42	1482	42	35.29	232.58	15.09	--	--	--	--
	13:43	1483	43	34.49	232.43	14.94	--	--	--	--
	13:44	1484	44	33.74	232.29	14.80	--	--	--	--
	13:45	1485	45	33.00	232.25	14.76	--	--	--	--
	13:54	1494	54	27.67	231.71	14.22	--	--	--	--
	13:55	1495	55	27.18	231.62	14.13	--	--	--	--
	14:05	1505	65	23.16	231.06	13.58	--	--	--	--
	14:14	1514	74	20.46	230.57	13.09	--	--	--	--
	14:32	1532	92	16.65	229.82	12.34	--	--	--	--
	14:49	1549	109	14.21	229.20	11.72	--	--	--	--
	15:05	1565	125	12.52	228.73	11.25	--	--	--	--
	15:26	1586	146	10.86	228.21	10.73	--	--	--	--
	15:36	1596	156	10.23	227.98	10.51	--	--	--	--
	15:48	1608	168	9.57	227.69	10.22	--	--	--	--
	16:03	1623	183	8.87	227.41	9.94	--	--	--	--
	16:20	1640	200	8.20	227.10	9.63	--	--	--	--
	16:47	1667	227	7.34	226.65	9.18	--	--	--	--
	17:11	1691	251	6.74	226.30	8.83	--	--	--	--
	17:31	1711	271	6.31	226.03	8.57	--	--	--	--
	17:51	1731	291	5.95	225.77	8.31	--	--	--	--
	18:17	1757	317	5.54	225.54	8.08	--	--	--	--
	19:14	1814	374	4.85	224.92	7.47	--	--	--	--
	19:52	1852	412	4.50	224.72	7.17	--	--	--	--
06-10-94	08:20	TRANS = 14.020								
	08:25	2685	1165	2.24	221.34	3.95	--	--	--	--
	09:11	2651	1211	2.19	221.23	3.84	--	--	--	--
	10:45	PUMP OUT OF HOLE								
	10:47	LOWERED TRANSDUCER								
	10:50	2750	1310	2.10	221.09	3.71	--	--	--	--
	11:12	2772	1332	2.08	220.97	3.59	--	--	--	--
	11:57	2817	1377	2.05	220.90	3.52	--	--	--	--
	12:58	2878	1438	2.00	220.78	3.41	--	--	--	--

TABLE 10D-7. AQUIFER-TEST DATA FOR PUMPING WELL HP-9, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	13:10	TRANS = 15.950								
	14:59	2999	1559	1.92	220.56	3.19	--	--	--	--

Note: Prior pumping trend correction applied - recovery slope delta s = 13.00
Pumping from 3030 minutes to 2672 minutes before current pump start.

TABLE 10D-8. CORRECTED TRANSDOCER DATA FOR PUMPING WELL MP-9.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-07	16:30	-1230.0	219.25	0.98
06-07	16:45	-1215.0	219.19	0.93
06-07	17:00	-1200.0	219.19	0.94
06-07	17:15	-1185.0	219.19	0.95
06-07	17:30	-1170.0	219.19	0.96
06-07	17:45	-1155.0	219.13	0.91
06-07	18:00	-1140.0	219.13	0.92
06-07	18:15	-1125.0	219.13	0.93
06-07	18:30	-1110.0	219.13	0.94
06-07	18:45	-1095.0	219.13	0.95
06-07	19:00	-1080.0	219.06	0.90
06-07	19:15	-1065.0	219.06	0.91
06-07	19:30	-1050.0	219.06	0.91
06-07	19:45	-1035.0	219.06	0.92
06-07	20:00	-1020.0	219.06	0.93
06-07	20:15	-1005.0	219.06	0.94
06-07	20:30	-990.0	219.06	0.95
06-07	20:45	-975.0	219.06	0.96
06-07	21:00	-960.0	219.06	0.97
06-07	21:15	-945.0	219.06	0.98
06-07	21:30	-930.0	219.06	0.99
06-07	21:45	-915.0	219.00	0.93
06-07	22:00	-900.0	219.00	0.94
06-07	22:15	-885.0	219.00	0.95
06-07	22:30	-870.0	219.00	0.95
06-07	22:45	-855.0	219.00	0.96
06-07	23:00	-840.0	219.00	0.97
06-07	23:15	-825.0	219.00	0.98
06-07	23:30	-810.0	219.00	0.98
06-07	23:45	-795.0	219.00	0.99
06-08	00:00	-780.0	219.00	1.00
06-08	00:15	-765.0	219.00	1.01
06-08	00:30	-750.0	219.00	1.01
06-08	00:45	-735.0	218.93	0.96
06-08	01:00	-720.0	218.93	0.96
06-08	01:15	-705.0	218.93	0.97
06-08	01:30	-690.0	218.93	0.98
06-08	01:45	-675.0	218.93	0.98
06-08	02:00	-660.0	218.93	0.99
06-08	02:15	-645.0	218.93	0.99
06-08	02:30	-630.0	218.87	0.94
06-08	02:45	-615.0	218.87	0.94
06-08	03:00	-600.0	218.87	0.95
06-08	03:15	-585.0	218.87	0.95
06-08	03:30	-570.0	218.87	0.96
06-08	03:45	-555.0	218.87	0.97
06-08	04:00	-540.0	218.87	0.97
06-08	04:15	-525.0	218.87	0.98
06-08	04:30	-510.0	218.87	0.98
06-08	04:45	-495.0	218.80	0.92
06-08	05:00	-480.0	218.80	0.93
06-08	05:15	-465.0	218.80	0.94
06-08	05:30	-450.0	218.80	0.94
06-08	05:45	-435.0	218.80	0.95
06-08	06:00	-420.0	218.80	0.95
06-08	06:15	-405.0	218.80	0.96
06-08	06:30	-390.0	218.74	0.90
06-08	06:45	-375.0	218.74	0.90
06-08	07:00	-360.0	218.74	0.91
06-08	07:15	-345.0	218.74	0.91
06-08	07:30	-330.0	218.74	0.92
06-08	07:45	-315.0	218.74	0.92
06-08	08:00	-300.0	218.74	0.93
06-08	08:15	-285.0	218.74	0.93
06-08	08:30	-270.0	218.74	0.94
06-08	08:45	-255.0	218.74	0.94
06-08	09:00	-240.0	218.74	0.94
06-08	10:45	-135.0	217.63	-0.14
06-08	11:00	-120.0	217.50	-0.26
06-08	11:15	-105.0	217.50	-0.26
06-08	11:30	-90.0	217.50	-0.25
06-08	11:45	-75.0	218.53	0.78
06-08	12:00	-60.0	217.63	-0.12
06-08	12:15	-45.0	217.89	0.15
06-08	12:30	-30.0	217.76	0.02
06-08	12:40	-20.0	217.76	0.02
06-08	12:41	-19.0	217.76	0.02
06-08	12:42	-18.0	217.76	0.02
06-08	12:43	-17.0	217.76	0.02
06-08	12:44	-16.0	217.76	0.02
06-08	12:45	-15.0	217.76	0.02
06-08	12:46	-14.0	217.76	0.02
06-08	12:47	-13.0	217.76	0.02
06-08	12:48	-12.0	217.76	0.02
06-08	12:49	-11.0	217.76	0.03
06-08	12:50	-10.0	217.76	0.03
06-08	12:51	-9.0	217.76	0.03
06-08	12:52	-8.0	217.76	0.03
06-08	12:53	-7.0	217.76	0.03
06-08	12:54	-6.0	217.76	0.03
06-08	12:55	-5.0	217.76	0.03
06-08	12:56	-4.0	217.76	0.03
06-08	12:57	-3.0	217.63	-0.10
06-08	12:58	-2.0	217.76	0.03
06-08	12:59	-1.0	217.63	-0.10
06-08	13:00	0.0	217.63	-0.10
06-08	13:01	1.0	233.38	15.65
06-08	13:02	2.0	234.79	17.06
06-08	13:03	3.0	235.82	18.09
06-08	13:04	4.0	236.60	18.87
06-08	13:05	5.0	237.11	19.38
06-08	13:06	6.0	237.62	19.90
06-08	13:07	7.0	237.88	20.15
06-08	13:08	8.0	238.40	20.67
06-08	13:09	9.0	238.52	20.80
06-08	13:10	10.0	238.91	21.18
06-08	13:11	11.0	239.04	21.31
06-08	13:12	12.0	239.30	21.57
06-08	13:13	13.0	239.55	21.83
06-08	13:14	14.0	239.68	21.96
06-08	13:15	15.0	239.81	22.08
06-08	13:16	16.0	240.20	22.47
06-08	13:17	17.0	240.45	22.73
06-08	13:18	18.0	240.45	22.73
06-08	13:19	19.0	240.71	22.99
06-08	13:20	20.0	240.84	23.11
06-08	13:21	21.0	240.71	22.99
06-08	13:22	22.0	240.97	23.24
06-08	13:23	23.0	241.23	23.50
06-08	13:24	24.0	241.23	23.50
06-08	13:25	25.0	241.35	23.63
06-08	13:26	26.0	241.48	23.76
06-08	13:27	27.0	241.61	23.89
06-08	13:28	28.0	241.61	23.89
06-08	13:29	29.0	241.74	24.02
06-08	13:30	30.0	241.61	23.89
06-08	13:31	31.0	241.87	24.15
06-08	13:32	32.0	242.00	24.27
06-08	13:33	33.0	242.13	24.40
06-08	13:34	34.0	242.13	24.40
06-08	13:35	35.0	242.13	24.40
06-08	13:36	36.0	242.38	24.66
06-08	13:37	37.0	242.77	25.05
06-08	13:38	38.0	242.90	25.18
06-08	13:39	39.0	243.16	25.43
06-08	13:40	40.0	243.16	25.43
06-08	13:41	41.0	243.41	25.69
06-08	13:42	42.0	243.54	25.82
06-08	13:43	43.0	243.54	25.82
06-08	13:44	44.0	243.67	25.95
06-08	13:45	45.0	243.54	25.82
06-08	13:46	46.0	243.93	26.21
06-08	13:47	47.0	243.80	26.08
06-08	13:48	48.0	243.67	25.95
06-08	13:49	49.0	244.18	26.47
06-08	13:50	50.0	244.18	26.47
06-08	13:51	51.0	243.93	26.21
06-08	13:52	52.0	244.18	26.47
06-08	13:53	53.0	244.31	26.59
06-08	13:54	54.0	244.31	26.60
06-08	13:55	55.0	244.44	26.72
06-08	13:56	56.0	244.57	26.85
06-08	13:57	57.0	244.57	26.85
06-08	13:58	58.0	244.57	26.85
06-08	13:59	59.0	244.70	26.98
06-08	14:00	60.0	244.70	26.98
06-08	14:01	61.0	244.70	26.98
06-08	14:02	62.0	244.83	27.11
06-08	14:03	63.0	244.83	27.11
06-08	14:04	64.0	244.95	27.24
06-08	14:05	65.0	245.08	27.37
06-08	14:06	66.0	244.96	27.24
06-08	14:07	67.0	245.08	27.37
06-08	14:15	75.0	245.76	28.05
06-08	14:17	77.0	245.51	27.79
06-08	14:18	78.0	245.89	28.18
06-08	14:19	79.0	246.02	28.31
06-08	14:20	80.0	245.89	28.18
06-08	14:21	81.0	245.89	28.18
06-08	14:22	82.0	246.02	28.31
06-08	14:23	83.0	245.89	28.18
06-08	14:24	84.0	246.02	28.31
06-08	14:25	85.0	246.28	28.57
06-08	14:26	86.0	246.02	28.31
06-08	14:27	87.0	246.15	28.44
06-08	14:28	88.0	246.02	28.31
06-08	14:29	89.0	246.28	28.57
06-08	14:30	90.0	246.28	28.57
06-08	14:31	91.0	246.28	28.57
06-08	14:32	92.0	246.41	28.70
06-08	14:33	93.0	246.41	28.70
06-08	14:34	94.0	246.41	28.70
06-08	14:35	95.0	246.41	28.70
06-08	14:36	96.0	246.41	28.70
06-08	14:37	97.0	246.41	28.70
06-08	14:38	98.0	246.54	28.83
06-08	14:39	99.0	246.66	28.96
06-08	14:40	100.0	246.54	28.83
06-08	14:41	101.0	246.66	28.96
06-08	14:42	102.0	246.53	28.83
06-08	14:43	103.0	246.54	28.83
06-08	14:44	104.0	246.92	29.22
06-08	14:45	105.0	246.66	28.96
06-08	14:46	106.0	246.66	28.96
06-08	14:47	107.0	246.92	29.22
06-08	14:48	108.0	247.05	29.34
06-08	14:49	109.0	247.05	29.35
06-08	14:50	110.0	247.18	29.47
06-08	14:51	111.0	246.92	29.22
06-08	14:52	112.0	246.92	29.22
06-08	14:53	113.0	246.92	29.22
06-08	14:54	114.0	246.66	28.96
06-08	14:55	115.0	247.05	29.35
06-08	14:56	116.0	247.31	29.60

TABLE 10D-8. CORRECTED TRANSDUCER DATA FOR PUMPING WELL MP-9, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-	14:57	117.0	246.92	29.22
06-08	14:58	118.0	247.18	29.48
06-08	14:59	119.0	247.18	29.48
06-08	15:00	120.0	247.18	29.48
06-08	15:01	121.0	247.43	29.73
06-08	15:02	122.0	247.43	29.73
06-08	15:03	123.0	247.18	29.48
06-08	15:04	124.0	247.69	29.99
06-08	15:05	125.0	247.31	29.61
06-08	15:06	126.0	247.18	29.48
06-08	15:07	127.0	247.05	29.35
06-08	15:08	128.0	247.31	29.61
06-08	15:09	129.0	247.31	29.61
06-08	15:10	130.0	247.56	29.87
06-08	15:11	131.0	247.43	29.74
06-08	15:12	132.0	247.56	29.87
06-08	15:13	133.0	247.69	29.99
06-08	15:14	134.0	247.18	29.48
06-08	15:15	135.0	247.95	30.25
06-08	15:16	136.0	247.56	29.87
06-08	15:17	137.0	247.82	30.12
06-08	15:18	138.0	247.69	29.99
06-08	15:19	139.0	247.95	30.25
06-08	15:20	140.0	248.08	30.38
06-08	15:21	141.0	248.21	30.51
06-08	15:22	142.0	247.95	30.25
06-08	15:23	143.0	247.82	30.13
06-08	15:24	144.0	247.95	30.25
06-08	15:25	145.0	247.82	30.13
06-08	15:26	146.0	247.69	30.00
06-08	15:27	147.0	248.21	30.51
06-08	15:28	148.0	247.95	30.26
06-08	15:29	149.0	248.21	30.51
06	15:30	150.0	248.08	30.38
06	15:31	151.0	247.95	30.26
06-08	15:32	152.0	248.08	30.38
06-08	15:33	153.0	248.46	30.77
06-08	15:34	154.0	248.08	30.38
06-08	15:35	155.0	248.21	30.51
06-08	15:36	156.0	248.08	30.38
06-08	15:37	157.0	248.59	30.90
06-08	15:38	158.0	248.21	30.51
06-08	15:39	159.0	248.21	30.51
06-08	15:40	160.0	247.95	30.26
06-08	15:41	161.0	248.08	30.39
06-08	15:42	162.0	248.21	30.52
06-08	15:43	163.0	248.33	30.64
06-08	15:44	164.0	248.08	30.39
06-08	15:45	165.0	248.21	30.52
06-08	15:46	166.0	248.46	30.77
06-08	15:47	167.0	248.59	30.90
06-08	15:48	168.0	248.34	30.64
06-08	15:49	169.0	248.59	30.90
06-08	15:50	170.0	248.59	30.90
06-08	15:51	171.0	248.46	30.77
06-08	15:52	172.0	248.21	30.52
06-08	15:53	173.0	248.72	31.03
06-08	15:54	174.0	248.59	30.90
06-08	15:55	175.0	248.59	30.90
06-08	15:56	176.0	248.59	30.90
06-08	15:57	177.0	248.72	31.03
06-08	15:58	178.0	248.59	30.90
06-08	15:59	179.0	248.59	30.91
06-08	16:00	180.0	248.59	30.91
06-08	16:01	181.0	248.59	30.91
06-08	16:02	182.0	248.59	30.91
06-08	16:03	183.0	248.59	30.91
06	16:04	184.0	248.72	31.03
06-08	16:05	185.0	248.98	31.29
06-08	16:06	186.0	248.98	31.29
06-08	16:07	187.0	248.85	31.16
06-08	16:08	188.0	248.72	31.04
06-08	16:09	189.0	248.85	31.16
06-08	16:10	190.0	248.85	31.16
06-08	16:11	191.0	248.85	31.16
06-08	16:12	192.0	248.85	31.16
06-08	16:13	193.0	248.98	31.29
06-08	16:14	194.0	249.11	31.42
06-08	16:15	195.0	248.85	31.17
06-08	16:16	196.0	249.11	31.42
06-08	16:17	197.0	248.98	31.29
06-08	16:18	198.0	249.11	31.42
06-08	16:19	199.0	249.11	31.42
06-08	16:20	200.0	248.98	31.30
06-08	16:21	201.0	248.85	31.17
06-08	16:22	202.0	249.11	31.42
06-08	16:23	203.0	248.98	31.30
06-08	16:24	204.0	249.11	31.42
06-08	16:25	205.0	248.85	31.17
06-08	16:26	206.0	249.11	31.42
06-08	16:27	207.0	249.11	31.43
06-08	16:28	208.0	249.24	31.55
06-08	16:29	209.0	248.85	31.17
06-08	16:30	210.0	249.11	31.43
06-08	16:31	211.0	249.24	31.56
06-08	16:32	212.0	249.36	31.68
06-08	16:33	213.0	249.11	31.43
06-08	16:34	214.0	249.11	31.43
06-08	16:35	215.0	249.24	31.56
06-08	16:36	216.0	249.24	31.56
06-08	16:37	217.0	249.24	31.56
06-08	16:38	218.0	249.36	31.68
06-08	16:39	219.0	249.11	31.43
06-08	16:40	220.0	249.24	31.56
06-08	16:41	221.0	249.24	31.56
06-08	16:42	222.0	249.24	31.56
06-08	16:43	223.0	249.36	31.69
06-08	16:44	224.0	249.24	31.56
06-08	16:45	225.0	249.24	31.56
06-08	16:46	226.0	249.24	31.56
06-08	16:47	227.0	249.24	31.56
06-08	16:48	228.0	249.24	31.56
06-08	16:49	229.0	249.24	31.56
06-08	16:50	230.0	249.36	31.69
06-08	16:51	231.0	249.24	31.56
06-08	16:52	232.0	249.36	31.69
06-08	16:53	233.0	249.24	31.56
06-08	16:54	234.0	249.36	31.69
06-08	16:55	235.0	249.36	31.69
06-08	16:56	236.0	249.36	31.69
06-08	16:57	237.0	249.75	32.07
06-08	16:58	238.0	249.24	31.56
06-08	16:59	239.0	249.36	31.69
06-08	17:00	240.0	249.49	31.82
06-08	17:15	255.0	249.62	31.95
06-08	17:30	270.0	249.75	32.08
06-08	17:45	285.0	251.47	33.80
06-08	18:00	300.0	251.98	34.32
06-08	18:15	315.0	251.85	34.19
06-08	18:30	330.0	252.24	34.58
06-08	18:45	345.0	252.11	34.45
06-08	19:00	360.0	252.49	34.84
06-08	19:15	375.0	252.49	34.85
06-08	19:30	390.0	252.88	35.24
06-08	19:45	405.0	253.14	35.50
06-08	20:00	420.0	252.88	35.24
06-08	20:15	435.0	253.01	35.37
06-08	20:30	450.0	252.88	35.25
06-08	20:45	465.0	253.27	35.64
06-08	21:00	480.0	253.65	36.02
06-08	21:15	495.0	253.52	35.90
06-08	21:30	510.0	253.91	36.29
06-08	21:45	525.0	253.78	36.16
06-08	22:00	540.0	253.78	36.16
06-08	22:15	555.0	254.04	36.42
06-08	22:30	570.0	253.91	36.30
06-08	22:45	585.0	254.04	36.43
06-08	23:00	600.0	254.17	36.56
06-08	23:15	615.0	254.42	36.82
06-08	23:30	630.0	254.55	36.95
06-08	23:45	645.0	254.04	36.44
06-09	00:00	660.0	254.81	37.21
06-09	00:15	675.0	255.32	37.73
06-09	00:30	690.0	254.94	37.35
06-09	00:45	705.0	255.32	37.74
06-09	01:00	720.0	254.94	37.35
06-09	01:15	735.0	254.81	37.23
06-09	01:30	750.0	255.07	37.49
06-09	01:45	765.0	254.81	37.23
06-09	02:00	780.0	255.19	37.62
06-09	02:15	795.0	255.32	37.75
06-09	02:30	810.0	255.45	37.88
06-09	02:45	825.0	255.45	37.88
06-09	03:00	840.0	255.32	37.76
06-09	03:15	855.0	255.84	38.27
06-09	03:30	870.0	255.45	37.89
06-09	03:45	885.0	255.84	38.28
06-09	04:00	900.0	255.71	38.15
06-09	04:15	915.0	255.84	38.28
06-09	04:30	930.0	256.10	38.54
06-09	04:45	945.0	256.22	38.67
06-09	05:00	960.0	256.10	38.55
06-09	05:15	975.0	256.22	38.68
06-09	05:30	990.0	256.22	38.68
06-09	05:45	1005.0	256.10	38.55
06-09	06:00	1020.0	256.48	38.94
06-09	06:15	1035.0	256.48	38.94
06-09	06:30	1050.0	256.35	38.81
06-09	06:45	1065.0	256.48	38.95
06-09	07:00	1080.0	256.22	38.69
06-09	07:15	1095.0	256.48	38.95
06-09	07:30	1110.0	256.74	39.21
06-09	07:45	1125.0	256.35	38.82
06-09	08:00	1140.0	256.61	39.08
06-09	08:15	1155.0	256.35	38.83
06-09	08:30	1170.0	256.61	39.09
06-09	08:45	1185.0	256.61	39.09
06-09	09:00	1200.0	256.48	38.96
06-09	09:15	1215.0	256.74	39.22
06-09	09:30	1230.0	257.25	39.74
06-09	09:45	1245.0	256.74	39.23
06-09	10:00	1260.0	256.87	39.36
06-09	10:15	1275.0	256.61	39.10
06-09	10:30	1290.0	256.87	39.36
06-09	10:45	1305.0	256.74	39.23
06-09	11:00	1320.0	257.13	39.62
06-09	11:15	1335.0	256.87	39.36
06-09	11:30	1350.0	256.87	39.37
06-09	11:45	1365.0	257.13	39.63
06-09	12:00	1380.0	257.13	39.63
06-09	12:15	1395.0	257.13	39.63
06-09	12:30	1410.0	257.25	39.76
06-09	12:45	1425.0	257.13	39.63
06-09	12:50	1430.0	257.13	39.63

TABLE 10D-8. CORRECTED TRANSDUCER DATA FOR PUMPING WELL MP-9, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-09	12:55	1435.0	257.00	39.50
06-09	13:00	1440.0	257.25	39.76
06-09	13:05	1445.0	237.19	19.70
06-09	13:10	1450.0	237.06	19.57
06-09	13:15	1455.0	236.16	18.67
06-09	13:20	1460.0	235.39	17.90
06-09	13:25	1465.0	234.25	16.76
06-09	13:30	1470.0	233.60	16.12
06-09	13:35	1475.0	233.22	15.73
06-09	13:40	1480.0	232.71	15.22
06-09	13:45	1485.0	232.32	14.83
06-09	13:50	1490.0	232.06	14.58
06-09	13:55	1495.0	231.68	14.19
06-09	14:00	1500.0	231.42	13.93
06-09	14:05	1505.0	231.16	13.68
06-09	14:10	1510.0	230.90	13.42
06-09	14:15	1515.0	230.65	13.16
06-09	14:20	1520.0	230.52	13.04
06-09	14:25	1525.0	230.26	12.78
06-09	14:30	1530.0	230.13	12.65
06-09	14:35	1535.0	229.88	12.39
06-09	14:40	1540.0	229.75	12.27
06-09	14:45	1545.0	229.49	12.01
06-09	14:50	1550.0	229.36	11.88
06-09	14:55	1555.0	229.23	11.75
06-09	15:00	1560.0	229.10	11.62
06-09	15:05	1565.0	228.97	11.50
06-09	15:10	1570.0	228.85	11.37
06-09	15:15	1575.0	228.72	11.24
06-09	15:20	1580.0	228.59	11.11
06-09	15:25	1585.0	228.46	10.98
06-09	15:30	1590.0	228.33	10.86
06-09	15:35	1595.0	228.20	10.73
06-09	15:40	1600.0	228.07	10.60
06-09	15:45	1605.0	227.94	10.47
06-09	15:50	1610.0	227.82	10.34
06-09	15:55	1615.0	227.82	10.34
06-09	16:00	1620.0	227.69	10.22
06-09	16:05	1625.0	227.56	10.09
06-09	16:10	1630.0	227.43	9.96
06-09	16:15	1635.0	227.43	9.96
06-09	16:20	1640.0	227.30	9.83
06-09	16:25	1645.0	227.17	9.70
06-09	16:30	1650.0	227.17	9.70
06-09	16:35	1655.0	227.05	9.58
06-09	16:40	1660.0	227.04	9.58
06-09	16:45	1665.0	226.92	9.45
06-09	16:50	1670.0	226.79	9.32
06-09	16:55	1675.0	226.79	9.32
06-09	17:00	1680.0	226.66	9.19
06-09	17:15	1695.0	226.53	9.07
06-09	17:30	1710.0	226.27	8.81
06-09	17:45	1725.0	226.14	8.68
06-09	18:00	1740.0	225.89	8.43
06-09	18:15	1755.0	225.76	8.30
06-09	18:30	1770.0	225.63	8.17
06-09	18:45	1785.0	225.50	8.05
06-09	19:00	1800.0	225.37	7.92
06-09	19:15	1815.0	225.12	7.66
06-09	19:30	1830.0	224.99	7.53
06-09	19:45	1845.0	224.86	7.41

TABLE 10D-9. AQUIFER-TEST DATA FOR OBSERVATION WELL MP-2.

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-06-94	21:21	-23	--	--	218.04	-1.24	--	--	--	--
06-07-94	08:36	-17	--	--	215.57	-0.49	--	--	--	--
	11:12	-15	--	--	215.37	-0.43	--	--	--	--
	14:44	-13	--	--	215.16	-0.39	--	--	--	--
	14:50	RAISE TRANSDUCER 1'								
	16:19	-12	--	--	215.06	-0.40	--	--	--	--
06-08-94	08:40	-26	--	--	214.55	-0.38	--	--	--	--
	09:05	-23	--	--	214.55	-0.37	--	--	--	--
	09:54	-18	--	--	214.52	-0.39	--	--	--	--
	09:55	REMOVE 2M								
	10:29	-16	--	--	214.52	-0.38	--	--	--	--
	10:30	INSTALL 5M								
	10:32	-14	--	--	214.46	-0.44	--	--	--	--
	10:59	-12	--	--	214.48	-0.41	--	--	--	--
	11:15	-10	--	--	214.48	-0.40	--	--	--	--
	11:29	-10	--	--	214.48	-0.40	--	--	--	--
	11:47	-73	--	--	214.98	0.11	--	--	--	--
	12:42	-18	--	--	214.90	0.04	--	--	--	--
	12:50	-10	--	--	214.87	0.02	--	--	--	--
	12:55	-5	--	--	214.85	-0.00	--	--	--	--
	13:00	PUMP ON IN WELL MP-9								
	13:06	6	--	--	215.03	0.18	--	--	--	--
	13:11	11	--	--	215.42	0.57	--	--	--	--
	13:16	16	--	--	215.90	1.05	--	--	--	--
	13:32	32	--	--	217.57	2.73	--	--	--	--
	13:39	39	--	--	218.27	3.43	--	--	--	--
	13:43	43	--	--	218.77	3.93	--	--	--	--
	13:59	59	--	--	220.11	5.27	--	--	--	--
	14:07	67	--	--	220.76	5.92	--	--	--	--
	14:26	86	--	--	222.06	7.22	--	--	--	--
	15:26	146	--	--	224.86	10.03	--	--	--	--
	16:31	211	--	--	226.66	11.85	--	--	--	--
	17:29	269	--	--	227.73	12.33	--	--	--	--
	17:50	LOWERED TRANSDUCER 10'								
	17:51	291	--	--	228.05	13.25	--	--	--	--
	18:41	341	--	--	228.98	14.18	--	--	--	--
	19:34	394	--	--	229.79	15.00	--	--	--	--
	20:37	457	--	--	230.56	15.78	--	--	--	--
	21:26	506	--	--	231.03	16.26	--	--	--	--
	22:38	578	--	--	231.67	16.92	--	--	--	--
	23:43	643	--	--	232.17	17.44	--	--	--	--
06-09-94	00:27	687	--	--	232.48	17.76	--	--	--	--
	01:42	762	--	--	232.94	18.23	--	--	--	--
	02:28	808	--	--	233.21	18.51	--	--	--	--

TABLE 10D-9. AQUIFER-TEST DATA FOR OBSERVATION WELL MP-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	04:04	984	--	--	233.72	19.04	--	--	--	--
	05:02	962	--	--	234.04	19.37	--	--	--	--
	06:18	1038	--	--	234.40	19.74	--	--	--	--
	06:56	1076	--	--	234.55	19.90	--	--	--	--
	08:21	1161	--	--	234.91	20.28	--	--	--	--
	09:12	1212	--	--	235.10	20.48	--	--	--	--
	10:18	1278	--	--	235.32	20.71	--	--	--	--
	11:07	1327	--	--	235.48	20.88	--	--	--	--
	12:05	1385	--	--	235.64	21.05	--	--	--	--
	12:58	1438	--	--	235.78	21.20	--	--	--	--
	13:00	PUMP OFF IN WELL MP-9								
	13:01	1441	1	1457.4	235.81	21.23	--	--	--	--
	13:07	1447	7	207.1	235.59	21.01	--	--	--	--
	13:16	1456	16	91	234.81	20.23	--	--	--	--
	13:25	1465	25	58.6	233.92	19.34	--	--	--	--
	13:35	1475	35	42.1	232.53	17.96	--	--	--	--
	13:46	1486	46	32.3	231.74	17.17	--	--	--	--
	13:57	1497	57	26.3	230.77	16.20	--	--	--	--
	14:16	1516	76	19.9	229.35	14.78	--	--	--	--
	14:33	1533	93	16.5	228.32	13.76	--	--	--	--
	14:50	1550	110	14.1	227.45	12.89	--	--	--	--
	15:06	RAISED TRANSDUCER								
	15:06	1566	126	12.4	226.76	12.20	--	--	--	--
	15:37	1597	157	10.2	225.74	11.19	--	--	--	--
	15:59	1619	179	9	225.15	10.60	--	--	--	--
	16:22	1642	202	8.1	224.63	10.08	--	--	--	--
	16:50	1670	230	7.3	224.09	9.54	--	--	--	--
	17:12	1692	252	6.7	223.72	9.17	--	--	--	--
	17:32	1712	272	6.3	223.43	8.88	--	--	--	--
	17:50	1730	290	6	223.17	8.63	--	--	--	--
	18:20	1760	320	5.5	222.80	8.26	--	--	--	--
	19:16	1816	376	4.8	222.20	7.66	--	--	--	--
	19:56	1856	416	4.5	221.82	7.28	--	--	--	--
	20:05	RAISED TRANSDUCER								
06-10-94	08:20	TRANS = 7.460								
	08:21	2601	1161	2.2	218.26	3.78	--	--	--	--
	09:07	2647	1207	2.2	218.12	3.65	--	--	--	--
	10:12	2712	1272	2.1	218.00	3.53	--	--	--	--
	11:16	2776	1336	2.1	217.85	3.39	--	--	--	--
	11:59	2819	1379	2	217.77	3.31	--	--	--	--
	13:01	2881	1441	2	217.63	3.18	--	--	--	--
	13:10	TRANS = 8.232								
	15:11	3011	1571	1.9	217.40	2.97	--	--	--	--

Note: Barometric pressure correction applied - B.C. = 0.30 ft of water/in Hg.
Note: Prior pumping trend correction applied - recovery slope delta s = 15.50
Pumping from 3030 minutes to 2672 minutes before current pump start.

TABLE 10D-1W. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL MP-2.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-07	12:00	-1500.0	214.90	-0.84
06-07	12:15	-1485.0	214.88	-0.85
06-07	12:30	-1470.0	214.88	-0.84
06-07	12:45	-1455.0	214.88	-0.82
06-07	13:00	-1440.0	214.88	-0.79
06-07	13:15	-1425.0	214.88	-0.77
06-07	13:30	-1410.0	214.88	-0.76
06-07	13:45	-1395.0	214.88	-0.75
06-07	14:00	-1380.0	214.88	-0.74
06-07	14:15	-1365.0	214.88	-0.71
06-07	14:30	-1350.0	214.88	-0.69
06-07	14:45	-1335.0	214.90	-0.65
06-07	15:00	-1320.0	214.90	-0.63
06-07	15:15	-1305.0	214.90	-0.61
06-07	15:30	-1290.0	214.90	-0.60
06-07	15:45	-1275.0	214.91	-0.58
06-07	16:00	-1260.0	214.90	-0.57
06-07	16:15	-1245.0	214.90	-0.56
06-07	16:30	-1230.0	214.90	-0.54
06-07	16:45	-1215.0	214.90	-0.53
06-07	17:00	-1200.0	214.91	-0.52
06-07	17:15	-1185.0	214.90	-0.50
06-07	17:30	-1170.0	214.90	-0.49
06-07	17:45	-1155.0	214.90	-0.47
06-07	18:00	-1140.0	214.90	-0.46
06-07	18:15	-1125.0	214.90	-0.45
06-07	18:30	-1110.0	214.90	-0.45
06-07	18:45	-1095.0	214.90	-0.44
06-07	19:00	-1080.0	214.90	-0.44
06-07	19:15	-1065.0	214.90	-0.43
06-07	19:30	-1050.0	214.90	-0.43
06-07	19:45	-1035.0	214.90	-0.42
06-07	20:00	-1020.0	214.90	-0.42
06-07	20:15	-1005.0	214.90	-0.40
06-07	20:30	-990.0	214.90	-0.39
06-07	20:45	-975.0	214.90	-0.38
06-07	21:00	-960.0	214.88	-0.39
06-07	21:15	-945.0	214.90	-0.35
06-07	21:30	-930.0	214.88	-0.37
06-07	21:45	-915.0	214.88	-0.37
06-07	22:00	-900.0	214.88	-0.36
06-07	22:15	-885.0	214.88	-0.35
06-07	22:30	-870.0	214.88	-0.34
06-07	22:45	-855.0	214.88	-0.34
06-07	23:00	-840.0	214.88	-0.33
06-07	23:15	-825.0	214.88	-0.32
06-07	23:30	-810.0	214.88	-0.31
06-07	23:45	-795.0	214.88	-0.30
06-08	00:00	-780.0	214.88	-0.30
06-08	00:15	-765.0	214.88	-0.29
06-08	00:30	-750.0	214.88	-0.28
06-08	00:45	-735.0	214.88	-0.27
06-08	01:00	-720.0	214.88	-0.26
06-08	01:15	-705.0	214.88	-0.25
06-08	01:30	-690.0	214.88	-0.25
06-08	01:45	-675.0	214.88	-0.24
06-08	02:00	-660.0	214.88	-0.23
06-08	02:15	-645.0	214.88	-0.22
06-08	02:30	-630.0	214.88	-0.22
06-08	02:45	-615.0	214.88	-0.21
06-08	03:00	-600.0	214.88	-0.20
06-08	03:15	-585.0	214.88	-0.19
06-08	03:30	-570.0	214.88	-0.19
06-08	03:45	-555.0	214.88	-0.18
06-08	04:00	-540.0	214.88	-0.17
06-08	04:15	-525.0	214.88	-0.17
06-08	04:30	-510.0	214.88	-0.16
06-08	04:45	-495.0	214.88	-0.15
06-08	05:00	-480.0	214.88	-0.15
06-08	05:15	-465.0	214.88	-0.14
06-08	05:30	-450.0	214.88	-0.13
06-08	05:45	-435.0	214.88	-0.13
06-08	06:00	-420.0	214.88	-0.12
06-08	06:15	-405.0	214.88	-0.12
06-08	06:30	-390.0	214.88	-0.11
06-08	06:45	-375.0	214.88	-0.10
06-08	07:00	-360.0	214.88	-0.10
06-08	07:15	-345.0	214.88	-0.09
06-08	07:30	-330.0	214.88	-0.08
06-08	07:45	-315.0	214.88	-0.08
06-08	08:00	-300.0	214.90	-0.04
06-08	08:15	-285.0	214.90	-0.04
06-08	08:30	-270.0	214.90	-0.03
06-08	08:45	-255.0	214.91	-0.02
06-08	09:00	-240.0	214.88	-0.05
06-08	09:15	-225.0	214.88	-0.04
06-08	09:30	-210.0	214.90	-0.01
06-08	09:45	-195.0	214.88	-0.04
06-08	10:45	-135.0	214.52	-0.37
06-08	11:00	-120.0	214.52	-0.37
06-08	11:15	-105.0	214.52	-0.36
06-08	11:30	-90.0	214.52	-0.36
06-08	11:45	-75.0	214.97	0.10
06-08	12:00	-60.0	215.10	0.23
06-08	12:15	-45.0	215.03	0.17
06-08	12:30	-30.0	214.97	0.11
06-08	12:40	-20.0	214.97	0.11
06-08	12:41	-19.0	214.90	0.05
06-08	12:42	-18.0	214.90	0.05
06-08	12:43	-17.0	214.90	0.05
06-08	12:44	-16.0	214.90	0.05
06-08	12:45	-15.0	214.90	0.05
06-08	12:46	-14.0	214.90	0.05
06-08	12:47	-13.0	214.90	0.05
06-08	12:48	-12.0	214.90	0.05
06-08	12:49	-11.0	214.90	0.05
06-08	12:50	-10.0	214.90	0.05
06-08	12:51	-9.0	214.90	0.05
06-08	12:52	-8.0	214.90	0.05
06-08	12:53	-7.0	214.90	0.05
06-08	12:54	-6.0	214.90	0.05
06-08	12:55	-5.0	214.84	-0.01
06-08	12:56	-4.0	214.84	-0.01
06-08	12:57	-3.0	214.84	-0.01
06-08	12:58	-2.0	214.84	-0.01
06-08	12:59	-1.0	214.84	-0.01
06-08	13:00	0.0	214.84	-0.01
06-08	13:01	1.0	214.84	-0.01
06-08	13:02	2.0	214.84	-0.01
06-08	13:03	3.0	214.90	0.05
06-08	13:04	4.0	214.90	0.06
06-08	13:05	5.0	214.97	0.12
06-08	13:06	6.0	215.03	0.18
06-08	13:07	7.0	215.10	0.25
06-08	13:08	8.0	215.16	0.31
06-08	13:09	9.0	215.29	0.44
06-08	13:10	10.0	215.35	0.51
06-08	13:11	11.0	215.42	0.57
06-08	13:12	12.0	215.48	0.64
06-08	13:13	13.0	215.55	0.70
06-08	13:14	14.0	215.61	0.77
06-08	13:15	15.0	215.74	0.89
06-08	13:16	16.0	215.80	0.96
06-08	13:17	17.0	215.93	1.09
06-08	13:18	18.0	216.00	1.15
06-08	13:19	19.0	216.13	1.28
06-08	13:20	20.0	216.25	1.41
06-08	13:21	21.0	216.38	1.54
06-08	13:22	22.0	216.45	1.60
06-08	13:23	23.0	216.58	1.73
06-08	13:24	24.0	216.64	1.80
06-08	13:25	25.0	216.77	1.93
06-08	13:26	26.0	216.90	2.06
06-08	13:27	27.0	216.96	2.12
06-08	13:28	28.0	217.09	2.25
06-08	13:29	29.0	217.15	2.31
06-08	13:30	30.0	217.28	2.44
06-08	13:31	31.0	217.35	2.51
06-08	13:32	32.0	217.48	2.64
06-08	13:33	33.0	217.54	2.70
06-08	13:34	34.0	217.67	2.83
06-08	13:35	35.0	217.73	2.89
06-08	13:36	36.0	217.86	3.02
06-08	13:37	37.0	217.93	3.09
06-08	13:38	38.0	218.06	3.22
06-08	13:39	39.0	218.12	3.28
06-08	13:40	40.0	218.25	3.41
06-08	13:41	41.0	218.31	3.48
06-08	13:42	42.0	218.44	3.60
06-08	13:43	43.0	218.51	3.67
06-08	13:44	44.0	218.63	3.80
06-08	13:45	45.0	218.70	3.86
06-08	13:46	46.0	218.76	3.93
06-08	13:47	47.0	218.89	4.05
06-08	13:48	48.0	218.96	4.12
06-08	13:49	49.0	219.08	4.25
06-08	13:50	50.0	219.15	4.31
06-08	13:51	51.0	219.28	4.44
06-08	13:52	52.0	219.34	4.51
06-08	13:53	53.0	219.41	4.57
06-08	13:54	54.0	219.47	4.63
06-08	13:55	55.0	219.60	4.76
06-08	13:56	56.0	219.66	4.83
06-08	13:57	57.0	219.73	4.89
06-08	13:58	58.0	219.86	5.02
06-08	13:59	59.0	219.92	5.08
06-08	14:00	60.0	219.99	5.15
06-08	14:01	61.0	220.05	5.21
06-08	14:02	62.0	220.18	5.34
06-08	14:03	63.0	220.24	5.41
06-08	14:04	64.0	220.31	5.47
06-08	14:05	65.0	220.37	5.54
06-08	14:06	66.0	220.43	5.60
06-08	14:07	67.0	220.50	5.66
06-08	14:08	68.0	220.63	5.79
06-08	14:09	69.0	220.69	5.86
06-08	14:10	70.0	220.76	5.92
06-08	14:11	71.0	220.82	5.99
06-08	14:12	72.0	220.89	6.05
06-08	14:13	73.0	220.95	6.11
06-08	14:14	74.0	221.01	6.18
06-08	14:15	75.0	221.08	6.24
06-08	14:16	76.0	221.14	6.31
06-08	14:17	77.0	221.21	6.37
06-08	14:18	78.0	221.27	6.44
06-08	14:19	79.0	221.34	6.50
06-08	14:20	80.0	221.40	6.56
06-08	14:21	81.0	221.46	6.63
06-08	14:22	82.0	221.53	6.69
06-08	14:23	83.0	221.59	6.76
06-08	14:24	84.0	221.66	6.82
06-08	14:25	85.0	221.72	6.89
06-08	14:26	86.0	221.79	6.95
06-08	14:27	87.0	221.85	7.01
06-08	14:28	88.0	221.91	7.08
06-08	14:29	89.0	221.98	7.14
06-08	14:30	90.0	222.04	7.21
06-08	14:31	91.0	222.11	7.27
06-08	14:32	92.0	222.17	7.34
06-08	14:33	93.0	222.17	7.34

TABLE 10D-10. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL MP-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAWDOWN (ft)
06-08	14:34	94.0	222.24	7.40
06-08	14:35	95.0	222.30	7.46
06-08	14:36	96.0	222.36	7.53
06-08	14:37	97.0	222.43	7.59
06-08	14:38	98.0	222.43	7.59
06-08	14:39	99.0	222.49	7.66
06-08	14:40	100.0	222.56	7.72
06-08	14:41	101.0	222.62	7.79
06-08	14:42	102.0	222.69	7.85
06-08	14:43	103.0	222.69	7.85
06-08	14:44	104.0	222.75	7.91
06-08	14:45	105.0	222.81	7.98
06-08	14:46	106.0	222.88	8.04
06-08	14:47	107.0	222.88	8.04
06-08	14:48	108.0	222.94	8.11
06-08	14:49	109.0	223.01	8.17
06-08	14:50	110.0	223.07	8.24
06-08	14:51	111.0	223.07	8.24
06-08	14:52	112.0	223.14	8.30
06-08	14:53	113.0	223.20	8.36
06-08	14:54	114.0	223.20	8.36
06-08	14:55	115.0	223.26	8.43
06-08	14:56	116.0	223.33	8.49
06-08	14:57	117.0	223.39	8.56
06-08	14:58	118.0	223.39	8.56
06-08	14:59	119.0	223.46	8.62
06-08	15:00	120.0	223.52	8.69
06-08	15:01	121.0	223.52	8.69
06-08	15:02	122.0	223.59	8.75
06-08	15:03	123.0	223.59	8.75
06-08	15:04	124.0	223.65	8.82
06-08	15:05	125.0	223.71	8.88
06-08	15:06	126.0	223.72	8.88
06-08	15:07	127.0	223.78	8.94
06-08	15:08	128.0	223.84	9.01
06-08	15:09	129.0	223.84	9.01
06-08	15:10	130.0	223.91	9.07
06-08	15:11	131.0	223.91	9.07
06-08	15:12	132.0	223.97	9.14
06-08	15:13	133.0	224.04	9.20
06-08	15:14	134.0	224.04	9.20
06-08	15:15	135.0	224.10	9.27
06-08	15:16	136.0	224.10	9.27
06-08	15:17	137.0	224.17	9.33
06-08	15:18	138.0	224.16	9.33
06-08	15:19	139.0	224.23	9.39
06-08	15:20	140.0	224.23	9.39
06-08	15:21	141.0	224.29	9.46
06-08	15:22	142.0	224.36	9.52
06-08	15:23	143.0	224.36	9.52
06-08	15:24	144.0	224.42	9.59
06-08	15:25	145.0	224.42	9.59
06-08	15:26	146.0	224.42	9.59
06-08	15:27	147.0	224.49	9.65
06-08	15:28	148.0	224.55	9.72
06-08	15:29	149.0	224.55	9.72
06-08	15:30	150.0	224.62	9.78
06-08	15:31	151.0	224.62	9.78
06-08	15:32	152.0	224.68	9.85
06-08	15:33	153.0	224.68	9.85
06-08	15:34	154.0	224.74	9.91
06-08	15:35	155.0	224.74	9.91
06-08	15:36	156.0	224.81	9.97
06-08	15:37	157.0	224.81	9.97
06-08	15:38	158.0	224.87	10.04
06-08	15:39	159.0	224.87	10.04
06-08	15:40	160.0	224.94	10.10
06-08	15:41	161.0	224.94	10.10
06-08	15:42	162.0	225.00	10.17
06-08	15:43	163.0	225.00	10.17
06-08	15:44	164.0	225.06	10.23
06-08	15:45	165.0	225.07	10.23
06-08	15:46	166.0	225.07	10.23
06-08	15:47	167.0	225.13	10.30
06-08	15:48	168.0	225.13	10.30
06-08	15:49	169.0	225.19	10.36
06-08	15:50	170.0	225.19	10.36
06-08	15:51	171.0	225.26	10.43
06-08	15:52	172.0	225.26	10.43
06-08	15:53	173.0	225.26	10.43
06-08	15:54	174.0	225.32	10.50
06-08	15:55	175.0	225.32	10.50
06-08	15:56	176.0	225.39	10.56
06-08	15:57	177.0	225.39	10.56
06-08	15:58	178.0	225.45	10.63
06-08	15:59	179.0	225.45	10.63
06-08	16:00	180.0	225.52	10.69
06-08	16:01	181.0	225.52	10.69
06-08	16:02	182.0	225.52	10.69
06-08	16:03	183.0	225.58	10.76
06-08	16:04	184.0	225.58	10.76
06-08	16:05	185.0	225.58	10.76
06-08	16:06	186.0	225.64	10.82
06-08	16:07	187.0	225.64	10.82
06-08	16:08	188.0	225.71	10.89
06-08	16:09	189.0	225.71	10.89
06-08	16:10	190.0	225.71	10.89
06-08	16:11	191.0	225.77	10.96
06-08	16:12	192.0	225.77	10.96
06-08	16:13	193.0	225.84	11.02
06-08	16:14	194.0	225.84	11.02
06-08	16:15	195.0	225.84	11.02
06-08	16:16	196.0	225.90	11.09
06-08	16:17	197.0	225.90	11.09
06-08	16:18	198.0	225.90	11.09
06-08	16:19	199.0	225.97	11.15
06-08	16:20	200.0	225.97	11.15
06-08	16:21	201.0	226.03	11.22
06-08	16:22	202.0	226.03	11.22
06-08	16:23	203.0	226.03	11.22
06-08	16:24	204.0	226.09	11.28
06-08	16:25	205.0	226.09	11.28
06-08	16:26	206.0	226.09	11.28
06-08	16:27	207.0	226.16	11.35
06-08	16:28	208.0	226.16	11.35
06-08	16:29	209.0	226.16	11.35
06-08	16:30	210.0	226.22	11.41
06-08	16:31	211.0	226.22	11.41
06-08	16:32	212.0	226.22	11.41
06-08	16:33	213.0	226.22	11.41
06-08	16:34	214.0	226.29	11.48
06-08	16:35	215.0	226.29	11.48
06-08	16:36	216.0	226.35	11.54
06-08	16:37	217.0	226.35	11.54
06-08	16:38	218.0	226.35	11.54
06-08	16:39	219.0	226.35	11.54
06-08	16:40	220.0	226.42	11.61
06-08	16:41	221.0	226.42	11.61
06-08	16:42	222.0	226.42	11.61
06-08	16:43	223.0	226.48	11.67
06-08	16:44	224.0	226.48	11.67
06-08	16:45	225.0	226.48	11.67
06-08	16:46	226.0	226.55	11.74
06-08	16:47	227.0	226.55	11.74
06-08	16:48	228.0	226.55	11.74
06-08	16:49	229.0	226.61	11.80
06-08	16:50	230.0	226.61	11.80
06-08	16:51	231.0	226.61	11.80
06-08	16:52	232.0	226.61	11.80
06-08	16:53	233.0	226.67	11.87
06-08	16:54	234.0	226.67	11.87
06-08	16:55	235.0	226.67	11.87
06-08	16:56	236.0	226.67	11.87
06-08	16:57	237.0	226.74	11.93
06-08	16:58	238.0	226.74	11.93
06-08	16:59	239.0	226.74	11.93
06-08	17:00	240.0	226.80	11.99
06-08	17:15	255.0	227.06	12.25
06-08	17:30	270.0	227.25	12.45
06-08	17:45	285.0	227.51	12.71
06-08	18:00	300.0	228.05	13.25
06-08	18:15	315.0	228.31	13.51
06-08	18:30	330.0	228.57	13.77
06-08	18:45	345.0	228.83	14.03
06-08	19:00	360.0	229.02	14.23
06-08	19:15	375.0	229.28	14.48
06-08	19:30	390.0	229.47	14.68
06-08	19:45	405.0	229.66	14.87
06-08	20:00	420.0	229.86	15.07
06-08	20:15	435.0	230.05	15.27
06-08	20:30	450.0	230.18	15.40
06-08	20:45	465.0	230.31	15.53
06-08	21:00	480.0	230.50	15.73
06-08	21:15	495.0	230.63	15.86
06-08	21:30	510.0	230.76	15.99
06-08	21:45	525.0	230.89	16.12
06-08	22:00	540.0	231.01	16.26
06-08	22:15	555.0	231.14	16.39
06-08	22:30	570.0	231.33	16.59
06-08	22:45	585.0	231.46	16.72
06-08	23:00	600.0	231.59	16.85
06-08	23:15	615.0	231.72	16.99
06-08	23:30	630.0	231.85	17.12
06-08	23:45	645.0	231.91	17.19
06-09	00:00	660.0	232.04	17.32
06-09	00:15	675.0	232.11	17.38
06-09	01:15	735.0	232.17	17.46
06-09	01:30	750.0	232.56	17.85
06-09	01:45	765.0	232.04	17.34
06-09	02:00	780.0	232.30	17.60
06-09	02:15	795.0	232.81	18.12
06-09	02:30	810.0	233.01	18.31
06-09	02:45	825.0	232.94	18.25
06-09	03:00	840.0	233.20	18.51
06-09	03:15	855.0	233.07	18.38
06-09	03:30	870.0	233.01	18.32
06-09	03:45	885.0	233.20	18.51
06-09	04:00	900.0	233.27	18.58
06-09	04:15	915.0	233.20	18.52
06-09	04:30	930.0	233.27	18.59
06-09	04:45	945.0	233.39	18.72
06-09	05:00	960.0	233.33	18.66
06-09	05:15	975.0	233.26	18.60
06-09	05:30	990.0	233.39	18.73
06-09	05:45	1005.0	233.46	18.80
06-09	06:00	1020.0	233.59	18.93
06-09	06:15	1035.0	233.78	19.12
06-09	06:30	1050.0	233.91	19.25
06-09	06:45	1065.0	235.13	20.48
06-09	07:00	1080.0	234.74	20.10
06-09	07:15	1095.0	234.94	20.29
06-09	07:30	1110.0	235.07	20.43
06-09	07:45	1125.0	235.26	20.62
06-09	08:00	1140.0	233.90	19.27
06-09	08:15	1155.0	234.16	19.53
06-09	08:30	1170.0	234.29	19.66
06-09	08:45	1185.0	234.48	19.86
06-09	09:00	1200.0	234.74	20.12
06-09	09:15	1215.0	234.93	20.32
06-09	09:30	1230.0	234.28	19.67

TABLE 10D-10. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL MP-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-09	09:45	1245.0	234.67	20.06
06-09	10:00	1260.0	234.80	20.19
06-09	10:15	1275.0	234.86	20.25
06-09	10:30	1290.0	235.05	20.45
06-09	10:45	1305.0	235.12	20.51
06-09	11:00	1320.0	235.18	20.58
06-09	11:15	1335.0	235.31	20.71
06-09	11:30	1350.0	235.37	20.78
06-09	11:45	1365.0	235.37	20.78
06-09	12:00	1380.0	235.50	20.91
06-09	12:15	1395.0	235.50	20.92
06-09	12:30	1410.0	235.57	20.98
06-09	13:05	1445.0	235.50	20.92
06-09	13:10	1450.0	235.18	20.60
06-09	13:15	1455.0	234.80	20.22
06-09	13:20	1460.0	234.34	19.77
06-09	13:25	1465.0	233.96	19.38
06-09	13:30	1470.0	233.51	18.93
06-09	13:35	1475.0	233.00	18.42
06-09	13:40	1480.0	232.61	18.04
06-09	13:45	1485.0	232.16	17.59
06-09	13:50	1490.0	231.77	17.20
06-09	13:55	1495.0	231.39	16.82
06-09	14:00	1500.0	231.00	16.43
06-09	14:05	1505.0	230.68	16.11
06-09	14:10	1510.0	230.36	15.79
06-09	14:15	1515.0	230.04	15.47
06-09	14:20	1520.0	229.78	15.21
06-09	14:25	1525.0	229.52	14.96
06-09	14:30	1530.0	229.27	14.70
06-09	14:35	1535.0	229.01	14.44
06-09	14:40	1540.0	228.75	14.19
06-09	14:45	1545.0	228.56	13.99
06-09	14:50	1550.0	228.36	13.80
06-09	14:55	1555.0	228.17	13.61
06-09	15:00	1560.0	227.98	13.42
06-09	15:05	1565.0	227.79	13.23
06-09	15:10	1570.0	227.59	13.03
06-09	15:15	1575.0	227.46	12.91
06-09	15:20	1580.0	227.34	12.78
06-09	15:25	1585.0	227.14	12.59
06-09	15:30	1590.0	227.08	12.52
06-09	15:35	1595.0	226.89	12.33
06-09	15:40	1600.0	226.76	12.20
06-09	15:45	1605.0	226.63	12.07
06-09	15:50	1610.0	226.50	11.95
06-09	15:55	1615.0	226.37	11.82
06-09	16:00	1620.0	226.31	11.75
06-09	16:05	1625.0	226.18	11.63
06-09	16:10	1630.0	226.05	11.50
06-09	16:15	1635.0	225.99	11.43
06-09	16:20	1640.0	225.86	11.30
06-09	16:25	1645.0	225.79	11.24
06-09	16:30	1650.0	225.66	11.11
06-09	16:35	1655.0	225.60	11.05
06-09	16:40	1660.0	225.53	10.98
06-09	16:45	1665.0	225.47	10.92
06-09	16:50	1670.0	225.34	10.79
06-09	16:55	1675.0	225.28	10.73
06-09	17:00	1680.0	225.21	10.66
06-09	17:15	1695.0	224.96	10.41
06-09	17:30	1710.0	224.76	10.22
06-09	17:45	1725.0	224.57	10.03
06-09	18:00	1740.0	224.38	9.83
06-09	18:15	1755.0	224.25	9.70
06-09	18:30	1770.0	224.06	9.51
06-09	18:45	1785.0	223.93	9.38
06-09	19:00	1800.0	223.80	9.25
06-09	19:15	1815.0	223.67	9.13
06-09	19:30	1830.0	223.54	9.00
06-09	19:45	1845.0	223.41	8.87

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)

TABLE 10D-11. AQUIFER-TEST DATA FOR OBSERVATION WELL RI-45.

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-07-94	08:16	-22	--	--	213.25	-1.33	--	--	--	--
	08:38	-17	--	--	212.85	-0.58	--	--	--	--
	11:14	-15	--	--	211.86	-0.47	--	--	--	--
	14:42	-13	--	--	211.64	-0.41	--	--	--	--
	16:23	-12	--	--	211.55	-0.38	--	--	--	--
06-08-94	08:34	-26	--	--	211.08	-0.24	--	--	--	--
	08:36	-26	--	--	211.07	-0.25	--	--	--	--
	11:17	-10	--	--	211.02	-0.24	--	--	--	--
	11:53	-67	--	--	211.22	-0.02	--	--	--	--
	13:00	PUMP ON IN WELL MP-9								
	13:19	19	--	--	213.31	2.10	--	--	--	--
	13:26	26	--	--	214.06	2.85	--	--	--	--
	13:48	48	--	--	215.63	4.43	--	--	--	--
	14:10	70	--	--	216.90	5.70	--	--	--	--
	14:30	90	--	--	217.72	6.52	--	--	--	--
	14:35	LOWERED TRANSDUCER 6'								
	14:36	96	--	--	217.90	6.70	--	--	--	--
	15:14	134	--	--	219.05	7.85	--	--	--	--
	15:21	141	--	--	219.23	8.03	--	--	--	--
	16:34	214	--	--	220.77	9.60	--	--	--	--
	17:10	250	--	--	221.32	10.16	--	--	--	--
	17:23	263	--	--	221.50	10.34	--	--	--	--
	18:45	345	--	--	222.81	11.66	--	--	--	--
	19:37	397	--	--	223.46	12.32	--	--	--	--
	20:03	LOWERED TRANSDUCER 4'								
	20:33	453	--	--	224.04	12.91	--	--	--	--
	21:28	508	--	--	224.52	13.40	--	--	--	--
	22:35	575	--	--	225.07	13.98	--	--	--	--
	23:47	647	--	--	225.59	14.52	--	--	--	--
06-09-94	00:24	684	--	--	225.82	14.76	--	--	--	--
	01:45	765	--	--	226.31	15.26	--	--	--	--
	02:24	804	--	--	226.52	15.48	--	--	--	--
	04:08	908	--	--	227.05	16.03	--	--	--	--
	05:00	960	--	--	227.34	16.33	--	--	--	--
	06:23	1043	--	--	227.71	16.72	--	--	--	--
	06:27	LOWERED TRANSDUCER 4'								
	06:54	1074	--	--	227.83	16.85	--	--	--	--
	08:22	1162	--	--	228.19	17.23	--	--	--	--
	09:14	1214	--	--	228.37	17.42	--	--	--	--
	10:19	1279	--	--	228.58	17.64	--	--	--	--
	11:08	1328	--	--	228.73	17.80	--	--	--	--
	12:07	1387	--	--	228.90	17.99	--	--	--	--
	12:51	1431	--	--	229.03	18.12	--	--	--	--
	13:00	PUMP OFF IN WELL MP-9								

TABLE 10D-11. AQUIFER-TEST DATA FOR OBSERVATION WELL RI-45, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	13:08	1448	8	181	228.39	17.49	--	--	--	--
	13:17	1457	17	85.8	227.20	16.30	--	--	--	--
	13:26	RAISE TRANSDUCER 6'								
	13:26	1466	26	56.4	226.28	15.38	--	--	--	--
	13:28	1468	28	52.4	226.14	15.24	--	--	--	--
	13:36	1476	36	41	225.48	14.58	--	--	--	--
	13:47	1487	47	31.6	224.80	13.90	--	--	--	--
	13:58	1498	58	25.8	224.21	13.32	--	--	--	--
	14:17	1517	77	19.7	223.41	12.52	--	--	--	--
	14:34	1534	94	16.3	222.80	11.91	--	--	--	--
	14:51	1551	111	14	222.28	11.40	--	--	--	--
	15:10	1570	130	12.1	221.79	10.91	--	--	--	--
	15:43	1603	163	9.8	221.15	10.27	--	--	--	--
	16:01	1621	181	9	220.72	9.85	--	--	--	--
	16:23	1643	203	8.1	220.35	9.48	--	--	--	--
	16:51	1671	231	7.2	219.92	9.05	--	--	--	--
	17:13	1693	253	6.7	219.63	8.76	--	--	--	--
	17:33	1713	273	6.3	219.38	8.52	--	--	--	--
	17:48	RAISE TRANSDUCER 6'								
	17:48	1728	288	6	219.20	8.34	--	--	--	--
	18:21	1761	321	5.5	218.85	7.99	--	--	--	--
	19:17	1817	377	4.8	218.33	7.47	--	--	--	--
	19:57	1857	417	4.5	218.00	7.14	--	--	--	--
06-10-94	08:18	TRANS = 5.840								
06-10-94	08:18	2598	1158	2.2	214.86	4.07	--	--	--	--
	09:09	2649	1209	2.2	214.72	3.94	--	--	--	--
	09:20	RAISE TRANSDUCER 3'								
	10:10	2710	1270	2.1	214.61	3.84	--	--	--	--
	11:17	2777	1337	2.1	214.46	3.70	--	--	--	--
	11:58	2818	1378	2	214.37	3.61	--	--	--	--
	13:03	2883	1443	2	214.26	3.51	--	--	--	--
	13:04	2884	1444	2	214.08	3.33	--	--	--	--
	13:04	2884	1444	2	214.25	3.50	--	--	--	--
	15:08	3008	1568	1.9	214.00	3.27	--	--	--	--

Note: Barometric pressure correction applied - B.C. = 0.30 ft of water/in Hg.
Note: Prior pumping trend correction applied - recovery slope delta s = 18.00
pumping from 3030 minutes to 2672 minutes before current pump start.

TABLE 10D-12. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-45.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-07	12:00	-1500.0	214.63	2.36
06-07	12:15	-1485.0	214.59	2.34
06-07	12:30	-1470.0	214.59	2.36
06-07	12:45	-1455.0	214.55	2.34
06-07	13:00	-1440.0	214.53	2.34
06-07	13:15	-1425.0	214.54	2.38
06-07	13:30	-1410.0	214.51	2.37
06-07	13:45	-1395.0	214.49	2.36
06-07	14:00	-1380.0	214.42	2.31
06-07	14:15	-1365.0	214.44	2.35
06-07	14:30	-1350.0	214.44	2.37
06-07	14:45	-1335.0	214.42	2.38
06-07	15:00	-1320.0	214.41	2.39
06-07	15:15	-1305.0	214.38	2.38
06-07	15:30	-1290.0	214.37	2.39
06-07	15:45	-1275.0	214.36	2.39
06-07	16:00	-1260.0	214.33	2.38
06-07	16:15	-1245.0	214.32	2.38
06-07	16:30	-1230.0	214.31	2.38
06-07	16:45	-1215.0	214.29	2.39
06-07	17:00	-1200.0	214.26	2.36
06-07	17:15	-1185.0	214.24	2.37
06-07	17:30	-1170.0	214.23	2.37
06-07	17:45	-1155.0	214.23	2.39
06-07	18:00	-1140.0	214.20	2.38
06-07	18:15	-1125.0	214.20	2.38
06-07	18:30	-1110.0	214.19	2.38
06-07	18:45	-1095.0	214.18	2.38
06-07	19:00	-1080.0	214.17	2.37
06-07	19:15	-1065.0	214.14	2.35
06-07	19:30	-1050.0	214.13	2.35
06-07	19:45	-1035.0	214.09	2.31
06-07	20:00	-1020.0	214.08	2.31
06-07	20:15	-1005.0	214.02	2.27
06-07	20:30	-990.0	214.04	2.30
06-07	20:45	-975.0	214.01	2.29
06-07	21:00	-960.0	214.02	2.31
06-07	21:15	-945.0	214.02	2.33
06-07	21:30	-930.0	214.00	2.31
06-07	21:45	-915.0	213.99	2.31
06-07	22:00	-900.0	213.96	2.29
06-07	22:15	-885.0	213.96	2.30
06-07	22:30	-870.0	213.95	2.29
06-07	22:45	-855.0	213.95	2.30
06-07	23:00	-840.0	213.92	2.29
06-07	23:15	-825.0	213.91	2.29
06-07	23:30	-810.0	213.91	2.29
06-07	23:45	-795.0	213.90	2.29
06-08	00:00	-780.0	213.88	2.29
06-08	00:15	-765.0	213.87	2.28
06-08	00:30	-750.0	213.86	2.28
06-08	00:45	-735.0	213.84	2.28
06-08	01:00	-720.0	213.84	2.29
06-08	01:15	-705.0	213.84	2.30
06-08	01:30	-690.0	213.83	2.29
06-08	01:45	-675.0	213.83	2.30
06-08	02:00	-660.0	213.83	2.31
06-08	02:15	-645.0	213.81	2.29
06-08	02:30	-630.0	213.81	2.30
06-08	02:45	-615.0	213.79	2.30
06-08	03:00	-600.0	213.78	2.29
06-08	10:15	-165.0	211.09	-0.19
06-08	10:30	-150.0	211.07	-0.21
06-08	11:00	-120.0	211.09	-0.17
06-08	11:15	-105.0	211.07	-0.19
06-08	11:30	-90.0	211.07	-0.18
06-08	11:45	-75.0	211.66	0.41
06-08	12:00	-60.0	211.61	0.36
06-08	12:15	-45.0	211.40	0.16
06-08	12:30	-30.0	211.32	0.09
06-08	12:40	-20.0	211.25	0.02
06-08	12:41	-19.0	211.27	0.05
06-08	12:42	-18.0	211.27	0.05
06-08	12:43	-17.0	211.25	0.02
06-08	12:44	-16.0	211.25	0.02
06-08	12:45	-15.0	211.25	0.02
06-08	12:46	-14.0	211.25	0.02
06-08	12:47	-13.0	211.25	0.02
06-08	12:48	-12.0	211.25	0.02
06-08	12:49	-11.0	211.25	0.02
06-08	12:50	-10.0	211.22	0.00
06-08	12:51	-9.0	211.22	0.00
06-08	12:52	-8.0	211.22	0.00
06-08	12:53	-7.0	211.22	0.00
06-08	12:54	-6.0	211.22	0.00
06-08	12:55	-5.0	211.22	0.00
06-08	12:56	-4.0	211.22	0.00
06-08	12:57	-3.0	211.22	0.00
06-08	12:58	-2.0	211.22	0.00
06-08	12:59	-1.0	211.22	0.00
06-08	13:00	0.0	211.22	0.00
06-08	13:01	1.0	211.22	0.00
06-08	13:02	2.0	211.22	0.00
06-08	13:03	3.0	211.27	0.05
06-08	13:04	4.0	211.32	0.10
06-08	13:05	5.0	211.43	0.21
06-08	13:06	6.0	211.53	0.31
06-08	13:07	7.0	211.66	0.44
06-08	13:08	8.0	211.79	0.57
06-08	13:09	9.0	211.94	0.72
06-08	13:10	10.0	212.07	0.85
06-08	13:11	11.0	212.20	0.98
06-08	13:12	12.0	212.33	1.11
06-08	13:13	13.0	212.48	1.27
06-08	13:14	14.0	212.61	1.39
06-08	13:15	15.0	212.74	1.52
06-08	13:16	16.0	212.87	1.65
06-08	13:17	17.0	212.99	1.78
06-08	13:18	18.0	213.12	1.91
06-08	13:19	19.0	213.33	2.12
06-08	13:20	20.0	213.38	2.17
06-08	13:21	21.0	213.46	2.25
06-08	13:22	22.0	213.59	2.37
06-08	13:23	23.0	213.69	2.48
06-08	13:24	24.0	213.79	2.58
06-08	13:25	25.0	213.87	2.66
06-08	13:26	26.0	213.97	2.76
06-08	13:27	27.0	214.05	2.84
06-08	13:28	28.0	214.15	2.94
06-08	13:29	29.0	214.26	3.05
06-08	13:30	30.0	214.33	3.12
06-08	13:31	31.0	214.41	3.20
06-08	13:32	32.0	214.49	3.28
06-08	13:33	33.0	214.57	3.36
06-08	13:34	34.0	214.64	3.43
06-08	13:35	35.0	214.72	3.51
06-08	13:36	36.0	214.80	3.59
06-08	13:37	37.0	214.87	3.67
06-08	13:38	38.0	214.95	3.74
06-08	13:39	39.0	215.03	3.82
06-08	13:40	40.0	215.08	3.87
06-08	13:41	41.0	215.16	3.95
06-08	13:42	42.0	215.23	4.03
06-08	13:43	43.0	215.29	4.08
06-08	13:44	44.0	215.36	4.16
06-08	13:45	45.0	215.44	4.23
06-08	13:46	46.0	215.52	4.31
06-08	13:47	47.0	215.59	4.39
06-08	13:48	48.0	215.65	4.44
06-08	13:49	49.0	215.70	4.49
06-08	13:50	50.0	215.75	4.54
06-08	13:51	51.0	215.82	4.62
06-08	13:52	52.0	215.88	4.67
06-08	13:53	53.0	215.93	4.72
06-08	13:54	54.0	215.98	4.78
06-08	13:55	55.0	216.03	4.83
06-08	13:56	56.0	216.08	4.88
06-08	13:57	57.0	216.13	4.93
06-08	13:58	58.0	216.18	4.98
06-08	13:59	59.0	216.24	5.03
06-08	14:00	60.0	216.29	5.08
06-08	14:01	61.0	216.34	5.14
06-08	14:02	62.0	216.39	5.19
06-08	14:03	63.0	216.44	5.24
06-08	14:04	64.0	216.47	5.27
06-08	14:05	65.0	216.52	5.32
06-08	14:06	66.0	216.57	5.37
06-08	14:07	67.0	216.62	5.42
06-08	14:08	68.0	216.65	5.45
06-08	14:09	69.0	216.78	5.57
06-08	14:10	70.0	216.78	5.57
06-08	14:11	71.0	216.85	5.65
06-08	14:12	72.0	216.88	5.68
06-08	14:13	73.0	216.91	5.70
06-08	14:36	96.0	218.07	6.87
06-08	14:37	97.0	218.07	6.87
06-08	14:38	98.0	218.07	6.87
06-08	14:39	99.0	218.09	6.89
06-08	14:40	100.0	218.12	6.92
06-08	14:41	101.0	218.12	6.92
06-08	14:42	102.0	218.14	6.94
06-08	14:43	103.0	218.14	6.94
06-08	14:44	104.0	218.17	6.97
06-08	14:45	105.0	218.22	7.02
06-08	14:46	106.0	218.25	7.05
06-08	14:47	107.0	218.27	7.07
06-08	14:48	108.0	218.32	7.12
06-08	14:49	109.0	218.35	7.15
06-08	14:50	110.0	218.38	7.17
06-08	14:51	111.0	218.40	7.20
06-08	14:52	112.0	218.43	7.23
06-08	14:53	113.0	218.45	7.25
06-08	14:54	114.0	218.50	7.30
06-08	14:55	115.0	218.53	7.33
06-08	14:56	116.0	218.55	7.36
06-08	14:57	117.0	218.58	7.38
06-08	14:58	118.0	218.61	7.41
06-08	14:59	119.0	218.63	7.43
06-08	15:00	120.0	218.68	7.48
06-08	15:01	121.0	218.71	7.51
06-08	15:02	122.0	218.74	7.54
06-08	15:03	123.0	218.76	7.56
06-08	15:04	124.0	218.79	7.59
06-08	15:05	125.0	218.81	7.61
06-08	15:06	126.0	218.84	7.64
06-08	15:07	127.0	218.86	7.66
06-08	15:08	128.0	218.89	7.69
06-08	15:09	129.0	218.91	7.72
06-08	15:10	130.0	218.94	7.74
06-08	15:11	131.0	218.97	7.77
06-08	15:12	132.0	218.99	7.79
06-08	15:13	133.0	219.02	7.82
06-08	15:14	134.0	219.04	7.85
06-08	15:15	135.0	219.07	7.87
06-08	15:16	136.0	219.10	7.90
06-08	15:17	137.0	219.12	7.92
06-08	15:18	138.0	219.15	7.95
06-08	15:19	139.0	219.17	7.97
06-08	15:20	140.0	219.20	8.00
06-08	15:21	141.0	219.22	8.03

TABLE 10D-12. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-45, (CONTINUED).

DATE	TIME	TIME PUMP (minutes)	SINCE START	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-08	15:22	142.0		219.25	8.05
06-08	15:23	143.0		219.28	8.08
06-08	15:24	144.0		219.30	8.10
06-08	15:25	145.0		219.33	8.13
06-08	15:26	146.0		219.35	8.15
06-08	15:27	147.0		219.38	8.18
06-08	15:28	148.0		219.40	8.21
06-08	15:29	149.0		219.43	8.23
06-08	15:30	150.0		219.46	8.26
06-08	15:31	151.0		219.48	8.28
06-08	15:32	152.0		219.51	8.31
06-08	15:33	153.0		219.53	8.33
06-08	15:34	154.0		219.53	8.33
06-08	15:35	155.0		219.56	8.36
06-08	15:36	156.0		219.58	8.39
06-08	15:37	157.0		219.61	8.41
06-08	15:38	158.0		219.63	8.44
06-08	15:39	159.0		219.66	8.46
06-08	15:40	160.0		219.69	8.49
06-08	15:41	161.0		219.71	8.51
06-08	15:42	162.0		219.74	8.54
06-08	15:43	163.0		219.76	8.57
06-08	15:44	164.0		219.79	8.59
06-08	15:45	165.0		219.79	8.60
06-08	15:46	166.0		219.82	8.62
06-08	15:47	167.0		219.84	8.65
06-08	15:48	168.0		219.87	8.67
06-08	15:49	169.0		219.89	8.70
06-08	15:50	170.0		219.92	8.73
06-08	15:51	171.0		219.94	8.75
06-08	15:52	172.0		219.94	8.75
06-08	15:53	173.0		219.97	8.78
06-08	15:54	174.0		220.00	8.81
06-08	15:55	175.0		220.02	8.83
06-08	15:56	176.0		220.05	8.86
06-08	15:57	177.0		220.07	8.89
06-08	15:58	178.0		220.07	8.89
06-08	15:59	179.0		220.10	8.91
06-08	16:00	180.0		220.12	8.94
06-08	16:01	181.0		220.15	8.97
06-08	16:02	182.0		220.17	8.99
06-08	16:03	183.0		220.20	9.02
06-08	16:04	184.0		220.20	9.02
06-08	16:05	185.0		220.23	9.04
06-08	16:06	186.0		220.25	9.07
06-08	16:07	187.0		220.25	9.07
06-08	16:08	188.0		220.28	9.10
06-08	16:09	189.0		220.30	9.12
06-08	16:10	190.0		220.33	9.15
06-08	16:11	191.0		220.33	9.15
06-08	16:12	192.0		220.36	9.18
06-08	16:13	193.0		220.38	9.20
06-08	16:14	194.0		220.41	9.23
06-08	16:15	195.0		220.41	9.23
06-08	16:16	196.0		220.43	9.26
06-08	16:17	197.0		220.46	9.28
06-08	16:18	198.0		220.48	9.31
06-08	16:19	199.0		220.48	9.31
06-08	16:20	200.0		220.51	9.34
06-08	16:21	201.0		220.54	9.36
06-08	16:22	202.0		220.56	9.39
06-08	16:23	203.0		220.56	9.39
06-08	16:24	204.0		220.59	9.41
06-08	16:25	205.0		220.61	9.44
06-08	16:26	206.0		220.61	9.44
06-08	16:27	207.0		220.64	9.47
06-08	16:28	208.0		220.66	9.49
06-08	16:29	209.0		220.66	9.49
06-08	16:30	210.0		220.69	9.52
06-08	16:31	211.0		220.72	9.54
06-08	16:32	212.0		220.72	9.54
06-08	16:33	213.0		220.74	9.57
06-08	16:34	214.0		220.74	9.57
06-08	16:35	215.0		220.77	9.60
06-08	16:36	216.0		220.77	9.60
06-08	16:37	217.0		220.79	9.62
06-08	16:38	218.0		220.79	9.62
06-08	16:39	219.0		220.82	9.65
06-08	16:40	220.0		220.84	9.67
06-08	16:41	221.0		220.84	9.67
06-08	16:42	222.0		220.87	9.70
06-08	16:43	223.0		220.90	9.73
06-08	16:44	224.0		220.90	9.73
06-08	16:45	225.0		220.92	9.75
06-08	16:46	226.0		220.95	9.78
06-08	16:47	227.0		220.95	9.78
06-08	16:48	228.0		220.97	9.80
06-08	16:49	229.0		220.97	9.80
06-08	16:50	230.0		221.00	9.83
06-08	16:51	231.0		221.02	9.86
06-08	16:52	232.0		221.02	9.86
06-08	16:53	233.0		221.05	9.88
06-08	16:54	234.0		221.08	9.91
06-08	16:55	235.0		221.08	9.91
06-08	16:56	236.0		221.08	9.91
06-08	16:57	237.0		221.10	9.94
06-08	16:58	238.0		221.10	9.94
06-08	16:59	239.0		221.13	9.96
06-08	17:00	240.0		221.15	9.99
06-08	17:30	270.0		221.57	10.40
06-08	17:45	285.0		221.80	10.64
06-08	18:00	300.0		222.08	10.92
06-08	18:15	315.0		222.34	11.18
06-08	18:30	330.0		222.57	11.42
06-08	18:45	345.0		222.77	11.62
06-08	19:00	360.0		222.98	11.83
06-08	19:15	375.0		223.16	12.01
06-08	19:30	390.0		223.31	12.17
06-08	19:45	405.0		223.49	12.35
06-08	20:00	420.0		223.65	12.51
06-08	20:15	435.0		223.82	12.68
06-08	20:30	450.0		223.94	12.81
06-08	20:45	465.0		224.10	12.97
06-08	21:00	480.0		224.20	13.08
06-08	21:15	495.0		224.36	13.24
06-08	21:30	510.0		224.48	13.37
06-08	21:45	525.0		224.61	13.50
06-08	22:00	540.0		224.74	13.63
06-08	22:15	555.0		224.84	13.74
06-08	22:30	570.0		224.97	13.88
06-08	22:45	585.0		225.08	13.99
06-08	23:00	600.0		225.18	14.09
06-08	23:15	615.0		225.28	14.20
06-08	23:30	630.0		225.38	14.31
06-08	23:45	645.0		225.49	14.42
06-09	00:00	660.0		225.59	14.52
06-09	00:15	675.0		225.69	14.63
06-09	00:30	690.0		225.80	14.73
06-09	00:45	705.0		225.87	14.81
06-09	01:00	720.0		225.98	14.92
06-09	01:15	735.0		226.05	15.00
06-09	01:30	750.0		226.13	15.08
06-09	01:45	765.0		226.23	15.19
06-09	02:00	780.0		226.31	15.27
06-09	02:15	795.0		226.41	15.38
06-09	02:30	810.0		226.46	15.43
06-09	02:45	825.0		226.54	15.51
06-09	03:00	840.0		226.65	15.61
06-09	03:15	855.0		226.72	15.69
06-09	03:30	870.0		226.80	15.77
06-09	03:45	885.0		226.85	15.83
06-09	04:00	900.0		226.93	15.91
06-09	04:15	915.0		227.00	15.99
06-09	04:30	930.0		227.08	16.07
06-09	04:45	945.0		227.18	16.17
06-09	05:00	960.0		227.26	16.26
06-09	05:15	975.0		227.34	16.34
06-09	05:30	990.0		227.42	16.42
06-09	05:45	1005.0		227.47	16.47
06-09	06:00	1020.0		227.54	16.55
06-09	06:15	1035.0		227.60	16.61
06-09	06:30	1050.0		227.66	16.67
06-09	06:45	1065.0		227.74	16.75
06-09	07:00	1080.0		227.79	16.81
06-09	07:15	1095.0		227.84	16.87
06-09	07:30	1110.0		227.92	16.95
06-09	07:45	1125.0		227.97	17.00
06-09	08:00	1140.0		228.05	17.09
06-09	08:15	1155.0		228.10	17.14
06-09	08:30	1170.0		228.15	17.20
06-09	08:45	1185.0		228.20	17.25
06-09	09:00	1200.0		228.25	17.31
06-09	09:15	1215.0		228.30	17.36
06-09	09:30	1230.0		228.36	17.41
06-09	09:45	1245.0		228.41	17.47
06-09	10:00	1260.0		228.46	17.52
06-09	10:15	1275.0		228.51	17.57
06-09	10:30	1290.0		228.54	17.60
06-09	10:45	1305.0		228.59	17.66
06-09	11:00	1320.0		228.64	17.71
06-09	11:15	1335.0		228.69	17.77
06-09	11:30	1350.0		228.72	17.79
06-09	11:45	1365.0		228.77	17.85
06-09	12:00	1380.0		228.82	17.90
06-09	12:15	1395.0		228.84	17.93
06-09	12:30	1410.0		228.90	17.99
06-09	12:45	1425.0		228.95	18.04
06-09	12:50	1430.0		228.95	18.04
06-09	12:55	1435.0		228.97	18.07
06-09	13:00	1440.0		228.97	18.07
06-09	13:05	1445.0		228.77	17.86
06-09	13:10	1450.0		228.07	17.17
06-09	13:15	1455.0		227.40	16.50
06-09	13:20	1460.0		226.84	15.94
06-09	13:25	1465.0		226.35	15.45
06-09	13:30	1470.0		226.20	15.30
06-09	13:35	1475.0		225.82	14.92
06-09	13:40	1480.0		225.48	14.59
06-09	13:45	1485.0		225.17	14.28
06-09	13:50	1490.0		224.89	14.00
06-09	13:55	1495.0		224.63	13.74
06-09	14:00	1500.0		224.40	13.51
06-09	14:05	1505.0		224.17	13.28
06-09	14:10	1510.0		223.94	13.05
06-09	14:15	1515.0		223.73	12.84
06-09	14:20	1520.0		223.55	12.66
06-09	14:25	1525.0		223.37	12.48
06-09	14:30	1530.0		223.19	12.31
06-09	14:35	1535.0		223.06	12.18
06-09	14:40	1540.0		222.88	12.00
06-09	14:45	1545.0		222.73	11.85
06-09	14:50	1550.0		222.60	11.72
06-09	14:55	1555.0		222.47	11.59
06-09	15:00	1560.0		222.32	11.44
06-09	15:05	1565.0		222.19	11.31
06-09	15:10	1570.0		222.09	11.21
06-09	15:15	1575.0		221.96	11.08
06-09	15:20	1580.0		221.83	10.95
06-09	15:25	1585.0		221.73	10.85
06-09	15:30	1590.0		221.62	10.75

TABLE 10D-12. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-45, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-09	15:35	1595.0	221.52	10.64
06-09	15:40	1600.0	221.42	10.54
06-09	15:45	1605.0	221.31	10.44
06-09	15:50	1610.0	221.21	10.34
06-09	15:55	1615.0	221.13	10.26
06-09	16:00	1620.0	221.03	10.16
06-09	16:05	1625.0	220.96	10.08
06-09	16:10	1630.0	220.85	9.98
06-09	16:15	1635.0	220.78	9.90
06-09	16:20	1640.0	220.70	9.83
06-09	16:25	1645.0	220.62	9.75
06-09	16:30	1650.0	220.54	9.67
06-09	16:35	1655.0	220.52	9.65
06-09	16:40	1660.0	220.47	9.60
06-09	18:00	1740.0	218.96	8.10
06-09	18:15	1755.0	218.81	7.95
06-09	18:30	1770.0	218.66	7.79
06-09	18:45	1785.0	218.59	7.64
06-09	19:00	1800.0	218.37	7.51
06-09	19:15	1815.0	218.24	7.38
06-09	19:30	1830.0	218.12	7.26
06-09	19:45	1845.0	217.99	7.13
06-09	20:15	1875.0	217.51	6.65
06-09	20:30	1890.0	217.41	6.55
06-09	20:45	1905.0	217.33	6.47
06-09	21:00	1920.0	217.25	6.39
06-09	21:15	1935.0	217.15	6.29
06-09	21:30	1950.0	217.10	6.24
06-09	21:45	1965.0	217.00	6.14
06-09	22:00	1980.0	216.94	6.09
06-09	22:15	1995.0	216.87	6.01
06-09	22:30	2010.0	216.82	5.96
06-09	22:45	2025.0	216.74	5.88
06-09	23:00	2040.0	216.66	5.81
06-09	23:15	2055.0	216.61	5.76
06-09	23:30	2070.0	216.53	5.68
06-09	23:45	2085.0	216.48	5.63
06-10	00:00	2100.0	216.40	5.55
06-10	00:15	2115.0	216.35	5.50
06-10	00:30	2130.0	216.30	5.45
06-10	00:45	2145.0	216.25	5.40
06-10	01:00	2160.0	216.20	5.35
06-10	01:15	2175.0	216.15	5.30
06-10	01:30	2190.0	216.07	5.23
06-10	01:45	2205.0	216.02	5.18
06-10	02:00	2220.0	215.97	5.13
06-10	02:15	2235.0	215.94	5.10
06-10	02:30	2250.0	215.86	5.03
06-10	02:45	2265.0	215.81	4.98
06-10	03:00	2280.0	215.79	4.96
06-10	03:15	2295.0	215.74	4.91
06-10	03:30	2310.0	215.68	4.86
06-10	03:45	2325.0	215.63	4.81
06-10	04:00	2340.0	215.58	4.76
06-10	04:15	2355.0	215.55	4.73
06-10	04:30	2370.0	215.50	4.68
06-10	04:45	2385.0	215.45	4.63
06-10	05:00	2400.0	215.43	4.61
06-10	05:15	2415.0	215.37	4.56
06-10	05:30	2430.0	215.32	4.51
06-10	05:45	2445.0	215.30	4.48
06-10	06:00	2460.0	215.25	4.43
06-10	06:15	2475.0	215.22	4.41
06-10	06:30	2490.0	215.19	4.39
06-10	06:45	2505.0	215.14	4.34
06-10	07:00	2520.0	215.12	4.32
06-10	07:15	2535.0	215.07	4.27
06-10	07:30	2550.0	215.04	4.24
06-10	07:45	2565.0	215.01	4.22
06-10	08:00	2580.0	214.99	4.20
06-10	08:15	2595.0	214.94	4.15
06-10	08:30	2610.0	214.94	4.15
06-10	08:45	2625.0	214.91	4.13
06-10	09:00	2640.0	214.89	4.11
06-10	09:15	2655.0	214.86	4.08
06-10	09:30	2670.0	214.86	4.09
06-10	09:45	2685.0	214.76	3.98
06-10	10:00	2700.0	214.76	3.99
06-10	10:15	2715.0	214.73	3.96
06-10	10:30	2730.0	214.71	3.94
06-10	10:45	2745.0	214.65	3.89
06-10	11:00	2760.0	214.65	3.89
06-10	11:15	2775.0	214.60	3.84
06-10	11:30	2790.0	214.58	3.81
06-10	11:45	2805.0	214.55	3.79
06-10	12:00	2820.0	214.53	3.77
06-10	12:15	2835.0	214.50	3.74
06-10	12:30	2850.0	214.47	3.72
06-10	12:45	2865.0	214.45	3.70
06-10	13:00	2880.0	214.42	3.67
06-10	13:15	2895.0	214.45	3.70

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)

TABLE 10D-13. AQUIFER-TEST DATA FOR OBSERVATION WELL EI-46.

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-06-94	22:47	-22	--	--	223.84	-0.99	--	--	--	--
06-07-94	08:44	-16	--	--	222.21	-0.35	--	--	--	--
	11:20	-15	--	--	222.03	-0.29	--	--	--	--
	14:38	-13	--	--	221.83	-0.27	--	--	--	--
	16:31	-12	--	--	221.71	-0.28	--	--	--	--
06-08-94	08:14	-28	--	--	221.12	-0.38	--	--	--	--
	08:59	-24	--	--	221.12	-0.36	--	--	--	--
	11:16	-18	--	--	221.14	-0.38	--	--	--	--
	12:47	-13	--	--	221.36	-0.95	--	--	--	--
	13:00	PUMP ON IN WELL MP-9								
	13:05	5	--	--	221.42	0.01	--	--	--	--
	13:08	8	--	--	221.69	0.28	--	--	--	--
	13:09	9	--	--	221.86	0.45	--	--	--	--
	13:15	15	--	--	222.20	0.79	--	--	--	--
	13:23	23	--	--	223.08	1.68	--	--	--	--
	13:34	34	--	--	224.13	2.73	--	--	--	--
	13:40	40	--	--	224.64	3.24	--	--	--	--
	13:53	53	--	--	225.69	4.29	--	--	--	--
	13:57	LOWERED TRANSDUCER 6'								
	14:00	60	--	--	226.16	4.76	--	--	--	--
	14:15	75	--	--	227.14	5.74	--	--	--	--
	14:32	92	--	--	228.08	6.68	--	--	--	--
	14:46	106	--	--	228.60	7.20	--	--	--	--
	15:17	137	--	--	229.66	8.26	--	--	--	--
	16:14	194	--	--	231.11	9.73	--	--	--	--
	16:39	219	--	--	231.60	10.23	--	--	--	--
	16:42	LOWERED TRANSDUCER 6'								
	16:43	223	--	--	231.62	10.25	--	--	--	--
	17:05	245	--	--	231.96	10.59	--	--	--	--
	18:35	335	--	--	233.42	12.06	--	--	--	--
	19:28	388	--	--	234.21	12.86	--	--	--	--
	20:28	448	--	--	234.86	13.52	--	--	--	--
	21:22	502	--	--	235.32	13.99	--	--	--	--
	22:29	569	--	--	235.86	14.55	--	--	--	--
	23:28	628	--	--	236.26	14.96	--	--	--	--
	23:41	LOWERED TRANSDUCER 4'								
06-09-94	00:20	680	--	--	236.63	15.34	--	--	--	--
	01:32	752	--	--	237.04	15.77	--	--	--	--
	02:20	800	--	--	237.34	16.08	--	--	--	--
	03:59	899	--	--	237.86	16.61	--	--	--	--
	04:56	956	--	--	238.17	16.93	--	--	--	--
	06:09	1029	--	--	238.42	17.20	--	--	--	--
	06:49	1069	--	--	238.60	17.38	--	--	--	--
	08:26	1166	--	--	238.99	17.80	--	--	--	--

TABLE 10D-13. AQUIFER-TEST DATA FOR OBSERVATION WELL RI-46, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	09:16	1216	--	--	239.17	17.99	--	--	--	--
	10:21	1281	--	--	239.37	18.19	--	--	--	--
	11:11	1331	--	--	239.54	18.37	--	--	--	--
	12:10	1390	--	--	239.75	18.59	--	--	--	--
	12:53	1433	--	--	239.83	18.68	--	--	--	--
	13:00	PUMP OFF IN WELL MP-9								
	13:11	1451	11	132.1	239.13	17.98	--	--	--	--
	13:24	1464	24	61	237.59	16.44	--	--	--	--
	13:37	1477	37	39.9	236.23	15.09	--	--	--	--
	13:49	1489	49	30.4	235.26	14.12	--	--	--	--
	14:01	1501	61	24.6	234.49	13.35	--	--	--	--
	14:18	1518	78	19.5	233.59	12.45	--	--	--	--
	14:19	RAISE TRANSDUCER 6'								
	14:22	1522	82	18.6	233.44	12.30	--	--	--	--
	14:36	1536	96	16	232.88	11.75	--	--	--	--
	14:54	1554	114	13.6	232.29	11.16	--	--	--	--
	15:13	1573	133	11.8	231.72	10.59	--	--	--	--
	15:40	1600	160	10	231.15	10.03	--	--	--	--
	15:55	RAISE TRANSDUCER 6'								
	15:55	1615	175	9.2	230.82	9.70	--	--	--	--
	16:25	1645	205	8	230.32	9.20	--	--	--	--
	16:57	1677	237	7.1	229.84	8.72	--	--	--	--
	17:15	1695	255	6.6	229.58	8.46	--	--	--	--
	17:35	1715	275	6.2	229.35	8.23	--	--	--	--
	18:26	1766	326	5.4	228.80	7.69	--	--	--	--
	19:19	1819	379	4.8	228.30	7.19	--	--	--	--
	20:03	1863	423	4.4	227.97	6.86	--	--	--	--
	20:05	RAISE TRANSDUCER 3'								
06-10-94	08:12	2592	1152	2.3	224.94	3.88	--	--	--	--
	08:33	TRANS = 2.495								
	09:06	2646	1206	2.2	224.74	3.69	--	--	--	--
	10:12	2712	1272	2.1	224.62	3.58	--	--	--	--
	11:12	2772	1332	2.1	224.49	3.45	--	--	--	--
	12:04	2824	1384	2	224.44	3.41	--	--	--	--
	12:59	2879	1439	2	224.32	3.30	--	--	--	--
	15:14	3014	1574	1.9	224.12	3.12	--	--	--	--

Note: Barometric pressure correction applied - B.C. = 0.30 ft of water/in Hg.
Note: Prior pumping trend correction applied - recovery slope delta s = 15.00
Pumping from 3030 minutes to 2672 minutes before current pump start.

TABLE 10D-14. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-46.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-07	12:00	-1500.0	222.10	-0.17
06-07	12:15	-1485.0	221.92	-0.34
06-07	12:30	-1470.0	221.98	-0.27
06-07	12:45	-1455.0	221.98	-0.25
06-07	13:00	-1440.0	221.95	-0.25
06-07	13:15	-1425.0	221.92	-0.26
06-07	13:30	-1410.0	221.92	-0.25
06-07	13:45	-1395.0	221.90	-0.26
06-07	14:00	-1380.0	221.87	-0.28
06-07	14:15	-1365.0	221.8	-0.25
06-07	14:30	-1350.0	221.85	-0.26
06-07	14:45	-1335.0	221.82	-0.27
06-07	15:00	-1320.0	221.82	-0.25
06-07	15:15	-1305.0	221.80	-0.26
06-07	15:30	-1290.0	221.80	-0.24
06-07	15:45	-1275.0	221.77	-0.25
06-07	16:00	-1260.0	221.77	-0.24
06-07	16:15	-1245.0	221.74	-0.26
06-07	16:30	-1230.0	221.74	-0.24
06-07	16:45	-1215.0	221.72	-0.26
06-07	17:00	-1200.0	221.69	-0.27
06-07	17:15	-1185.0	221.69	-0.26
06-07	17:30	-1170.0	221.67	-0.27
06-07	17:45	-1155.0	221.67	-0.25
06-07	18:00	-1140.0	221.64	-0.27
06-07	18:15	-1125.0	221.64	-0.26
06-07	18:30	-1110.0	221.62	-0.28
06-07	18:45	-1095.0	221.62	-0.27
06-07	19:00	-1080.0	221.59	-0.30
06-07	19:15	-1065.0	221.59	-0.29
06-07	19:30	-1050.0	221.59	-0.29
06-07	19:45	-1035.0	221.56	-0.31
06-07	20:00	-1020.0	221.56	-0.30
06-07	20:15	-1005.0	221.56	-0.29
06-07	20:30	-990.0	221.56	-0.27
06-07	20:45	-975.0	221.56	-0.26
06-07	21:00	-960.0	221.56	-0.25
06-07	21:15	-945.0	221.54	-0.27
06-07	21:30	-930.0	221.54	-0.26
06-07	21:45	-915.0	221.51	-0.28
06-07	22:00	-900.0	221.51	-0.27
06-07	22:15	-885.0	221.51	-0.27
06-07	22:30	-870.0	221.49	-0.28
06-07	22:45	-855.0	221.49	-0.28
06-07	23:00	-840.0	221.49	-0.27
06-07	23:15	-825.0	221.49	-0.26
06-07	23:30	-810.0	221.46	-0.28
06-07	23:45	-795.0	221.43	-0.30
06-08	00:00	-780.0	221.43	-0.29
06-08	00:15	-765.0	221.43	-0.28
06-08	00:30	-750.0	221.43	-0.27
06-08	00:45	-735.0	221.43	-0.27
06-08	01:00	-720.0	221.43	-0.26
06-08	01:15	-705.0	221.43	-0.25
06-08	01:30	-690.0	221.41	-0.27
06-08	01:45	-675.0	221.41	-0.26
06-08	02:00	-660.0	221.38	-0.28
06-08	02:15	-645.0	221.38	-0.27
06-08	02:30	-630.0	221.38	-0.26
06-08	02:45	-615.0	221.36	-0.28
06-08	03:00	-600.0	221.36	-0.27
06-08	03:15	-585.0	221.36	-0.27
06-08	03:30	-570.0	221.33	-0.29
06-08	03:45	-555.0	221.33	-0.28
06-08	04:00	-540.0	221.33	-0.27
06-08	04:15	-525.0	221.33	-0.27
06-08	04:30	-510.0	221.31	-0.29
06-08	04:45	-495.0	221.31	-0.28
06-08	05:00	-480.0	221.31	-0.27
06-08	05:15	-465.0	221.28	-0.29
06-08	05:30	-450.0	221.28	-0.28
06-08	05:45	-435.0	221.28	-0.28
06-08	06:00	-420.0	221.28	-0.27
06-08	06:15	-405.0	221.26	-0.30
06-08	06:30	-390.0	221.26	-0.29
06-08	06:45	-375.0	221.26	-0.28
06-08	07:00	-360.0	221.26	-0.28
06-08	07:15	-345.0	221.26	-0.27
06-08	07:30	-330.0	221.26	-0.26
06-08	07:45	-315.0	221.26	-0.26
06-08	08:00	-300.0	221.26	-0.25
06-08	08:15	-285.0	221.26	-0.24
06-08	08:30	-270.0	221.23	-0.26
06-08	08:45	-255.0	221.23	-0.26
06-08	09:00	-240.0	221.23	-0.25
06-08	09:15	-225.0	221.23	-0.25
06-08	09:30	-210.0	221.23	-0.25
06-08	09:45	-195.0	221.23	-0.24
06-08	10:00	-180.0	221.20	-0.26
06-08	10:15	-165.0	221.20	-0.26
06-08	10:30	-150.0	221.20	-0.25
06-08	10:45	-135.0	221.18	-0.27
06-08	11:00	-120.0	221.18	-0.27
06-08	11:15	-105.0	221.18	-0.26
06-08	11:30	-90.0	221.18	-0.26
06-08	11:45	-75.0	221.64	0.21
06-08	12:00	-60.0	221.72	0.29
06-08	12:15	-45.0	221.64	0.22
06-08	12:30	-30.0	221.54	0.12
06-08	12:40	-20.0	221.51	0.10
06-08	12:41	-19.0	221.49	0.07
06-08	12:42	-18.0	221.49	0.07
06-08	12:43	-17.0	221.49	0.07
06-08	12:44	-16.0	221.49	0.07
06-08	12:45	-15.0	221.49	0.07
06-08	12:46	-14.0	221.49	0.07
06-08	12:47	-13.0	221.46	0.05
06-08	12:48	-12.0	221.46	0.05
06-08	12:49	-11.0	221.46	0.05
06-08	12:50	-10.0	221.46	0.05
06-08	12:51	-9.0	221.46	0.05
06-08	12:52	-8.0	221.46	0.05
06-08	12:53	-7.0	221.46	0.05
06-08	12:54	-6.0	221.46	0.05
06-08	12:55	-5.0	221.43	0.02
06-08	12:56	-4.0	221.43	0.02
06-08	12:57	-3.0	221.43	0.02
06-08	12:58	-2.0	221.43	0.02
06-08	12:59	-1.0	221.43	0.02
06-08	13:00	0.0	221.41	0.00
06-08	13:01	1.0	221.41	0.00
06-08	13:02	2.0	221.41	0.00
06-08	13:03	3.0	221.43	0.03
06-08	13:04	4.0	221.46	0.05
06-08	13:05	5.0	221.49	0.08
06-08	13:06	6.0	221.54	0.13
06-08	13:07	7.0	221.62	0.21
06-08	13:08	8.0	221.67	0.26
06-08	13:09	9.0	221.74	0.34
06-08	13:10	10.0	221.82	0.41
06-08	13:11	11.0	221.92	0.52
06-08	13:12	12.0	222.00	0.59
06-08	13:13	13.0	222.10	0.70
06-08	13:14	14.0	222.21	0.80
06-08	13:15	15.0	222.28	0.88
06-08	13:16	16.0	222.39	0.98
06-08	13:17	17.0	222.49	1.08
06-08	13:18	18.0	222.57	1.16
06-08	13:19	19.0	222.67	1.27
06-08	13:20	20.0	222.75	1.34
06-08	13:21	21.0	222.85	1.45
06-08	13:22	22.0	222.95	1.55
06-08	13:23	23.0	223.03	1.63
06-08	13:24	24.0	223.16	1.76
06-08	13:25	25.0	223.26	1.86
06-08	13:26	26.0	223.37	1.96
06-08	13:27	27.0	223.47	2.07
06-08	13:28	28.0	223.57	2.17
06-08	13:29	29.0	223.65	2.25
06-08	13:30	30.0	223.75	2.35
06-08	13:31	31.0	223.83	2.43
06-08	13:32	32.0	223.93	2.53
06-08	13:33	33.0	224.03	2.63
06-08	13:34	34.0	224.11	2.71
06-08	13:35	35.0	224.21	2.81
06-08	13:36	36.0	224.29	2.89
06-08	13:37	37.0	224.37	2.97
06-08	13:38	38.0	224.47	3.07
06-08	13:39	39.0	224.55	3.15
06-08	13:40	40.0	224.63	3.23
06-08	13:41	41.0	224.70	3.30
06-08	13:42	42.0	224.81	3.41
06-08	13:43	43.0	224.88	3.49
06-08	13:44	44.0	224.96	3.56
06-08	13:45	45.0	225.06	3.67
06-08	13:46	46.0	225.14	3.74
06-08	13:47	47.0	225.22	3.82
06-08	13:48	48.0	225.29	3.90
06-08	13:49	49.0	225.37	3.97
06-08	13:50	50.0	225.45	4.05
06-08	13:51	51.0	225.53	4.13
06-08	13:52	52.0	225.60	4.21
06-08	13:53	53.0	225.68	4.28
06-08	13:54	54.0	225.76	4.36
06-08	14:00	60.0	226.24	4.84
06-08	14:01	61.0	226.29	4.90
06-08	14:02	62.0	226.37	4.97
06-08	14:03	63.0	226.42	5.02
06-08	14:04	64.0	226.47	5.08
06-08	14:05	65.0	226.55	5.15
06-08	14:06	66.0	226.60	5.20
06-08	14:07	67.0	226.65	5.26
06-08	14:08	68.0	226.72	5.31
06-08	14:09	69.0	226.78	5.38
06-08	14:10	70.0	226.83	5.44
06-08	14:11	71.0	226.88	5.49
06-08	14:12	72.0	226.94	5.54
06-08	14:13	73.0	227.01	5.62
06-08	14:14	74.0	227.06	5.67
06-08	14:15	75.0	227.09	5.69
06-08	14:16	76.0	227.14	5.74
06-08	14:17	77.0	227.22	5.82
06-08	14:18	78.0	227.27	5.87
06-08	14:19	79.0	227.32	5.92
06-08	14:20	80.0	227.37	5.98
06-08	14:21	81.0	227.42	6.03
06-08	14:22	82.0	227.47	6.08
06-08	14:23	83.0	227.53	6.13
06-08	14:24	84.0	227.58	6.18
06-08	14:25	85.0	227.63	6.23
06-08	14:26	86.0	227.68	6.28
06-08	14:27	87.0	227.73	6.34
06-08	14:28	88.0	227.78	6.39
06-08	14:29	89.0	227.84	6.44
06-08	14:30	90.0	227.89	6.49
06-08	14:31	91.0	227.94	6.54
06-08	14:32	92.0	227.96	6.57
06-08	14:33	93.0	228.02	6.62
06-08	14:34	94.0	228.07	6.67
06-08	14:35	95.0	228.12	6.72

TABLE 10D-14. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-46, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-08	14:36	96.0	228.17	6.77
06-08	14:37	97.0	228.22	6.82
06-08	14:38	98.0	228.27	6.88
06-08	14:39	99.0	228.32	6.93
06-08	14:40	100.0	228.35	6.95
06-08	14:41	101.0	228.40	7.00
06-08	14:42	102.0	228.45	7.06
06-08	14:43	103.0	228.48	7.08
06-08	14:44	104.0	228.53	7.13
06-08	14:45	105.0	228.56	7.16
06-08	14:46	106.0	228.58	7.19
06-08	14:47	107.0	228.63	7.24
06-08	14:48	108.0	228.68	7.29
06-08	14:49	109.0	228.71	7.31
06-08	14:50	110.0	228.74	7.34
06-08	14:51	111.0	228.79	7.39
06-08	14:52	112.0	228.81	7.42
06-08	14:53	113.0	228.87	7.47
06-08	14:54	114.0	228.89	7.49
06-08	14:55	115.0	228.92	7.52
06-08	14:56	116.0	228.97	7.57
06-08	14:57	117.0	228.99	7.60
06-08	14:58	118.0	229.02	7.62
06-08	14:59	119.0	229.07	7.67
06-08	15:00	120.0	229.10	7.70
06-08	15:01	121.0	229.12	7.73
06-08	15:02	122.0	229.17	7.78
06-08	15:03	123.0	229.20	7.80
06-08	15:04	124.0	229.22	7.83
06-08	15:05	125.0	229.25	7.85
06-08	15:06	126.0	229.30	7.91
06-08	15:07	127.0	229.33	7.93
06-08	15:08	128.0	229.38	7.98
06-08	15:09	129.0	229.41	8.01
06-08	15:10	130.0	229.43	8.03
06-08	15:11	131.0	229.46	8.06
06-08	15:12	132.0	229.48	8.09
06-08	15:13	133.0	229.53	8.14
06-08	15:14	134.0	229.56	8.16
06-08	15:15	135.0	229.58	8.19
06-08	15:16	136.0	229.61	8.21
06-08	15:17	137.0	229.66	8.27
06-08	15:18	138.0	229.69	8.29
06-08	15:19	139.0	229.71	8.32
06-08	15:20	140.0	229.74	8.34
06-08	15:21	141.0	229.77	8.37
06-08	15:22	142.0	229.79	8.39
06-08	15:23	143.0	229.84	8.45
06-08	15:24	144.0	229.87	8.47
06-08	15:25	145.0	229.89	8.50
06-08	15:26	146.0	229.92	8.52
06-08	15:27	147.0	229.95	8.55
06-08	15:28	148.0	229.97	8.57
06-08	15:29	149.0	230.00	8.60
06-08	15:30	150.0	230.05	8.65
06-08	15:31	151.0	230.07	8.68
06-08	15:32	152.0	230.10	8.70
06-08	15:33	153.0	230.13	8.73
06-08	15:34	154.0	230.15	8.75
06-08	15:35	155.0	230.18	8.78
06-08	15:36	156.0	230.20	8.81
06-08	15:37	157.0	230.23	8.83
06-08	15:38	158.0	230.25	8.86
06-08	15:39	159.0	230.28	8.88
06-08	15:40	160.0	230.30	8.91
06-08	15:41	161.0	230.33	8.94
06-08	15:42	162.0	230.36	8.96
06-08	15:43	163.0	230.38	8.99
06-08	15:44	164.0	230.41	9.01
06-08	15:45	165.0	230.43	9.04
06-08	15:46	166.0	230.46	9.07
06-08	15:47	167.0	230.49	9.09
06-08	15:48	168.0	230.51	9.12
06-08	15:49	169.0	230.54	9.15
06-08	15:50	170.0	230.56	9.17
06-08	15:51	171.0	230.59	9.20
06-08	15:52	172.0	230.61	9.22
06-08	15:53	173.0	230.64	9.25
06-08	15:54	174.0	230.67	9.28
06-08	15:55	175.0	230.66	9.28
06-08	15:56	176.0	230.69	9.30
06-08	15:57	177.0	230.72	9.33
06-08	15:58	178.0	230.74	9.36
06-08	15:59	179.0	230.77	9.38
06-08	16:00	180.0	230.79	9.41
06-08	16:01	181.0	230.82	9.44
06-08	16:02	182.0	230.85	9.46
06-08	16:03	183.0	230.85	9.46
06-08	16:04	184.0	230.87	9.49
06-08	16:05	185.0	230.90	9.51
06-08	16:06	186.0	230.92	9.54
06-08	16:07	187.0	230.95	9.57
06-08	16:08	188.0	230.97	9.59
06-08	16:09	189.0	230.97	9.59
06-08	16:10	190.0	231.00	9.62
06-08	16:11	191.0	231.03	9.65
06-08	16:12	192.0	231.05	9.67
06-08	16:13	193.0	231.05	9.67
06-08	16:14	194.0	231.08	9.70
06-08	16:15	195.0	231.08	9.70
06-08	16:16	196.0	231.08	9.70
06-08	16:17	197.0	231.10	9.73
06-08	16:18	198.0	231.13	9.75
06-08	16:19	199.0	231.13	9.75
06-08	16:20	200.0	231.15	9.78
06-08	16:21	201.0	231.18	9.81
06-08	16:22	202.0	231.18	9.81
06-08	16:23	203.0	231.21	9.83
06-08	16:24	204.0	231.23	9.86
06-08	16:25	205.0	231.26	9.88
06-08	16:26	206.0	231.28	9.91
06-08	16:27	207.0	231.28	9.91
06-08	16:28	208.0	231.31	9.94
06-08	16:29	209.0	231.33	9.96
06-08	16:30	210.0	231.36	9.99
06-08	16:31	211.0	231.36	9.99
06-08	16:32	212.0	231.39	10.01
06-08	16:33	213.0	231.41	10.04
06-08	16:34	214.0	231.44	10.06
06-08	16:35	215.0	231.44	10.06
06-08	16:36	216.0	231.46	10.09
06-08	16:37	217.0	231.49	10.12
06-08	16:38	218.0	231.51	10.14
06-08	16:39	219.0	231.51	10.14
06-08	16:42	222.0	232.11	10.74
06-08	16:43	223.0	232.11	10.74
06-08	16:44	224.0	232.14	10.77
06-08	16:45	225.0	232.14	10.77
06-08	16:46	226.0	232.14	10.77
06-08	16:47	227.0	232.11	10.74
06-08	16:48	228.0	232.11	10.74
06-08	16:49	229.0	232.14	10.77
06-08	16:50	230.0	232.11	10.74
06-08	16:51	231.0	232.14	10.77
06-08	17:15	255.0	232.19	10.82
06-08	17:30	270.0	232.37	11.00
06-08	17:45	285.0	232.58	11.21
06-08	18:00	300.0	232.83	11.47
06-08	18:15	315.0	233.06	11.70
06-08	18:30	330.0	233.32	11.96
06-08	18:45	345.0	233.55	12.19
06-08	19:00	360.0	233.76	12.40
06-08	19:15	375.0	233.94	12.58
06-08	19:30	390.0	234.14	12.79
06-08	19:45	405.0	234.32	12.97
06-08	20:00	420.0	234.48	13.13
06-08	20:15	435.0	234.63	13.29
06-08	20:30	450.0	234.79	13.44
06-08	20:45	465.0	234.94	13.60
06-08	21:00	480.0	235.07	13.73
06-08	21:15	495.0	235.20	13.87
06-08	21:30	510.0	235.33	14.00
06-08	21:45	525.0	235.46	14.13
06-08	22:00	540.0	235.58	14.26
06-08	22:15	555.0	235.71	14.40
06-08	22:30	570.0	235.82	14.50
06-08	22:45	585.0	235.92	14.61
06-08	23:00	600.0	236.05	14.74
06-08	23:15	615.0	236.15	14.85
06-08	23:30	630.0	236.25	14.96
06-08	23:45	645.0	236.29	15.00
06-09	00:00	660.0	236.37	15.08
06-09	00:15	675.0	236.47	15.18
06-09	00:30	690.0	236.55	15.26
06-09	00:45	705.0	236.65	15.37
06-09	01:00	720.0	236.75	15.47
06-09	01:15	735.0	236.83	15.55
06-09	01:30	750.0	236.91	15.64
06-09	01:45	765.0	236.99	15.72
06-09	02:00	780.0	237.09	15.82
06-09	02:15	795.0	237.17	15.90
06-09	02:30	810.0	237.24	15.98
06-09	02:45	825.0	237.32	16.06
06-09	03:00	840.0	237.40	16.14
06-09	03:15	855.0	237.48	16.22
06-09	03:30	870.0	237.55	16.30
06-09	03:45	885.0	237.63	16.38
06-09	04:00	900.0	237.71	16.46
06-09	04:15	915.0	237.78	16.54
06-09	04:30	930.0	237.86	16.62
06-09	04:45	945.0	237.94	16.70
06-09	05:00	960.0	238.02	16.78
06-09	05:15	975.0	238.07	16.83
06-09	05:30	990.0	238.14	16.91
06-09	05:45	1005.0	238.22	16.99
06-09	06:00	1020.0	238.30	17.07
06-09	06:15	1035.0	238.35	17.13
06-09	06:30	1050.0	238.43	17.21
06-09	06:45	1065.0	238.48	17.26
06-09	07:00	1080.0	238.56	17.34
06-09	07:15	1095.0	238.61	17.40
06-09	07:30	1110.0	238.66	17.45
06-09	07:45	1125.0	238.71	17.51
06-09	08:00	1140.0	238.76	17.56
06-09	08:15	1155.0	238.84	17.64
06-09	08:30	1170.0	238.89	17.70
06-09	08:45	1185.0	238.94	17.75
06-09	09:00	1200.0	239.02	17.83
06-09	09:15	1215.0	239.12	17.94
06-09	09:30	1230.0	239.12	17.94
06-09	09:45	1245.0	239.17	17.99
06-09	10:00	1260.0	239.25	18.07
06-09	10:15	1275.0	239.30	18.12
06-09	10:30	1290.0	239.38	18.20
06-09	10:45	1305.0	239.43	18.26
06-09	11:00	1320.0	239.43	18.26
06-09	11:15	1335.0	239.51	18.34
06-09	11:30	1350.0	239.87	18.70
06-09	11:45	1365.0	239.56	18.40
06-09	12:00	1380.0	239.61	18.45

TABLE 10D-14. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-46, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAWDOWN (ft)
06-09	12:15	1395.0	239.69	18.53
06-09	12:30	1410.0	239.69	18.53
06-09	12:45	1425.0	239.74	18.59
06-09	12:50	1430.0	239.76	18.61
06-09	12:55	1435.0	239.76	18.61
06-09	13:00	1440.0	239.79	18.64
06-09	13:05	1445.0	239.71	18.56
06-09	13:10	1450.0	239.25	18.10
06-09	13:15	1455.0	238.66	17.51
06-09	13:20	1460.0	238.07	16.92
06-09	13:25	1465.0	237.50	16.36
06-09	13:30	1470.0	236.99	15.84
06-09	13:35	1475.0	236.52	15.38
06-09	13:40	1480.0	236.19	15.05
06-09	13:45	1485.0	236.16	15.02
06-09	14:25	1525.0	233.44	12.30
06-09	14:30	1530.0	233.26	12.12
06-09	14:35	1535.0	233.05	11.92
06-09	14:40	1540.0	232.87	11.74
06-09	14:45	1545.0	232.72	11.58
06-09	14:50	1550.0	232.56	11.43
06-09	14:55	1555.0	232.41	11.28
06-09	15:00	1560.0	232.69	11.56
06-09	15:05	1565.0	232.25	11.12
06-09	15:10	1570.0	232.13	11.00
06-09	15:15	1575.0	231.94	10.82
06-09	15:20	1580.0	231.76	10.64
06-09	15:25	1585.0	231.64	10.51
06-09	15:30	1590.0	231.51	10.38
06-09	15:35	1595.0	231.40	10.28
06-09	15:40	1600.0	231.30	10.18
06-09	15:45	1605.0	231.20	10.07
06-09	15:50	1610.0	231.12	10.00
06-09	15:55	1615.0	230.99	9.87
06-09	16:00	1620.0	230.68	9.56
06-09	16:05	1625.0	230.60	9.48
06-09	16:10	1630.0	230.53	9.40
06-09	16:15	1635.0	230.45	9.33
06-09	16:20	1640.0	230.35	9.22
06-09	16:25	1645.0	230.27	9.15
06-09	16:30	1650.0	230.19	9.07
06-09	16:35	1655.0	230.11	8.99
06-09	16:40	1660.0	230.04	8.92
06-09	16:45	1665.0	229.99	8.87
06-09	16:50	1670.0	229.88	8.76
06-09	16:55	1675.0	229.83	8.71
06-09	17:00	1680.0	229.75	8.64
06-09	17:15	1695.0	229.55	8.43
06-09	17:30	1710.0	229.37	8.25
06-09	17:45	1725.0	229.21	8.10
06-09	18:00	1740.0	229.06	7.94
06-09	18:15	1755.0	228.91	7.79
06-09	18:30	1770.0	228.75	7.64
06-09	18:45	1785.0	228.60	7.48
06-09	19:00	1800.0	228.47	7.35
06-09	19:15	1815.0	228.34	7.22
06-09	19:30	1830.0	228.21	7.10
06-09	19:45	1845.0	228.08	6.97
06-09	20:00	1860.0	227.98	6.86
06-09	21:45	1965.0	227.21	6.09
06-09	22:00	1980.0	227.15	6.04
06-09	22:15	1995.0	227.05	5.94
06-09	22:30	2010.0	226.97	5.86
06-09	22:45	2025.0	226.90	5.78
06-09	23:00	2040.0	226.82	5.71
06-09	23:15	2055.0	226.74	5.63
06-09	23:30	2070.0	226.67	5.56
06-09	23:45	2085.0	226.61	5.50
06-10	00:00	2100.0	226.54	5.43
06-10	00:15	2115.0	226.49	5.38
06-10	00:30	2130.0	226.43	5.33
06-10	00:45	2145.0	226.38	5.28
06-10	01:00	2160.0	226.31	5.20
06-10	01:15	2175.0	226.25	5.15
06-10	01:30	2190.0	226.20	5.10
06-10	01:45	2205.0	226.13	5.02
06-10	02:00	2220.0	226.07	4.97
06-10	02:15	2235.0	226.02	4.93
06-10	02:30	2250.0	225.97	4.87
06-10	02:45	2265.0	225.92	4.83
06-10	03:00	2280.0	225.84	4.75
06-10	03:15	2295.0	225.79	4.70
06-10	03:30	2310.0	225.74	4.65
06-10	03:45	2325.0	225.69	4.60
06-10	04:00	2340.0	225.64	4.55
06-10	04:15	2355.0	225.59	4.50
06-10	04:30	2370.0	225.53	4.45
06-10	04:45	2385.0	225.51	4.42
06-10	05:00	2400.0	225.46	4.37
06-10	05:15	2415.0	225.40	4.32
06-10	05:30	2430.0	225.35	4.27
06-10	05:45	2445.0	225.30	4.22
06-10	06:00	2460.0	225.28	4.20
06-10	06:15	2475.0	225.23	4.15
06-10	06:30	2490.0	225.17	4.10
06-10	06:45	2505.0	225.15	4.08
06-10	07:00	2520.0	225.10	4.03
06-10	07:15	2535.0	225.07	4.01
06-10	07:30	2550.0	225.04	3.98
06-10	07:45	2565.0	224.99	3.93
06-10	08:00	2580.0	224.97	3.91
06-10	08:15	2595.0	224.92	3.86
06-10	08:30	2610.0	224.89	3.84
06-10	08:45	2625.0	224.87	3.81
06-10	09:00	2640.0	224.84	3.79
06-10	09:15	2655.0	224.81	3.77
06-10	09:30	2670.0	224.79	3.74
06-10	09:45	2685.0	224.71	3.67
06-10	10:00	2700.0	224.71	3.67
06-10	10:15	2715.0	224.66	3.62
06-10	10:30	2730.0	224.63	3.59
06-10	10:45	2745.0	224.58	3.54
06-10	11:00	2760.0	224.56	3.52
06-10	11:15	2775.0	224.53	3.49
06-10	11:30	2790.0	224.51	3.47
06-10	11:45	2805.0	224.45	3.42
06-10	12:00	2820.0	224.43	3.40
06-10	12:15	2835.0	224.40	3.37
06-10	12:30	2850.0	224.38	3.35
06-10	12:45	2865.0	224.32	3.30
06-10	13:00	2880.0	224.30	3.28
06-10	13:15	2895.0	224.30	3.28

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAWDOWN (ft)

TABLE 10D-15. AQUIFER-TEST DATA FOR OBSERVATION WELL HI-47.

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-06-94	22:49	-22	--	--	224.83	-0.98	--	--	--	--
06-07-94	08:47	-16	--	--	224.18	0.41	--	--	--	--
	11:18	-15	--	--	224.03	0.47	--	--	--	--
	14:37	-13	--	--	223.84	0.49	--	--	--	--
	16:27	-12	--	--	223.74	0.49	--	--	--	--
06-08-94	08:16	-28	--	--	222.62	-0.16	--	--	--	--
	09:01	-23	--	--	222.61	-0.16	--	--	--	--
	11:12	-19	--	--	222.56	-0.17	--	--	--	--
	12:48	-12	--	--	222.79	-0.00	--	--	--	--
	13:00	PUMP ON IN WELL HP-9								
	13:07	7	--	--	222.72	0.02	--	--	--	--
	13:13	13	--	--	222.88	0.18	--	--	--	--
	13:25	25	--	--	223.31	0.62	--	--	--	--
	13:36	36	--	--	223.75	1.06	--	--	--	--
	13:55	55	--	--	224.37	1.68	--	--	--	--
	14:02	62	--	--	224.61	1.92	--	--	--	--
	14:18	78	--	--	225.04	2.36	--	--	--	--
	14:34	94	--	--	225.49	2.81	--	--	--	--
	14:48	108	--	--	225.82	3.14	--	--	--	--
	15:19	139	--	--	226.43	3.76	--	--	--	--
	16:16	196	--	--	227.40	4.74	--	--	--	--
	16:21	LOWER TRANSDUCER 6.4'								
	16:22	202	--	--	227.44	4.78	--	--	--	--
	17:04	244	--	--	228.07	5.42	--	--	--	--
	18:37	337	--	--	229.14	6.51	--	--	--	--
	19:29	389	--	--	229.69	7.06	--	--	--	--
	20:30	450	--	--	230.29	7.68	--	--	--	--
	21:24	504	--	--	230.78	8.18	--	--	--	--
	22:31	571	--	--	231.22	8.63	--	--	--	--
	23:30	630	--	--	231.59	9.01	--	--	--	--
06-09-94	00:22	682	--	--	231.90	9.33	--	--	--	--
	01:34	754	--	--	232.29	9.73	--	--	--	--
	02:22	802	--	--	232.54	9.99	--	--	--	--
	04:01	901	--	--	233.00	10.47	--	--	--	--
	04:58	958	--	--	233.28	10.75	--	--	--	--
	06:11	1031	--	--	233.60	11.09	--	--	--	--
	06:36	LOWERED TRANSDUCER 4'								
	06:51	1071	--	--	233.75	11.24	--	--	--	--
	08:29	1169	--	--	234.13	11.64	--	--	--	--
	09:17	1217	--	--	234.30	11.81	--	--	--	--
	10:22	1282	--	--	234.49	12.01	--	--	--	--
	11:12	1332	--	--	234.71	12.24	--	--	--	--
	12:11	1391	--	--	234.80	12.34	--	--	--	--
	12:52	1432	--	--	234.94	12.48	--	--	--	--

TABLE 10D-15. AQUIFER-TEST DATA FOR OBSERVATION WELL RI-47, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t, min)	TIME SINCE PUMPING STOPPED (t', min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	13:00	PUMP OFF IN WELL MP-9								
	13:12	1452	12	121	234.80	12.34	--	--	--	--
	13:23	1463	23	63.7	234.41	11.96	--	--	--	--
	13:39	1479	39	37.9	233.91	11.46	--	--	--	--
	13:52	1492	52	28.7	233.51	11.06	--	--	--	--
	14:03	1503	63	23.9	233.23	10.78	--	--	--	--
	14:24	1524	84	18.1	232.70	10.25	--	--	--	--
	14:37	1537	97	15.8	232.39	9.94	--	--	--	--
	14:55	1555	115	13.5	232.04	9.60	--	--	--	--
	15:22	RAISE TRANSDUCER 6'								
	15:22	1582	142	11.1	231.58	9.14	--	--	--	--
	15:42	1602	162	9.9	231.26	8.82	--	--	--	--
	16:27	1647	207	8	230.65	8.22	--	--	--	--
	16:59	1679	239	7	230.29	7.86	--	--	--	--
	17:16	1696	256	6.6	230.12	7.69	--	--	--	--
	17:36	1716	276	6.2	229.93	7.50	--	--	--	--
	18:28	1768	328	5.4	229.48	7.06	--	--	--	--
	19:20	1820	380	4.8	229.10	6.68	--	--	--	--
	20:04	1864	424	4.4	228.80	6.38	--	--	--	--
	20:05	RAISE TRANSDUCER 4'								
06-10-94	08:14	2594	1154	2.2	226.17	3.81	--	--	--	--
	08:33	TRANS = 3.499								
	09:10	2650	1210	2.2	225.97	3.61	--	--	--	--
	10:15	2715	1275	2.1	225.87	3.52	--	--	--	--
	11:15	2775	1335	2.1	225.77	3.42	--	--	--	--
	12:00	2820	1380	2	225.70	3.36	--	--	--	--
	13:02	3882	1442	2	225.57	3.23	--	--	--	--
	15:21	3021	1581	1.9	225.35	3.03	--	--	--	--

Note: Barometric pressure correction applied - B.C. = 0.10 ft of water/in Hg.
Note: Prior pumping trend correction applied - recovery slope delta s = 13.50
Pumping from 3030 minutes to 2672 minutes before current pump start.

TABLE 10D-16. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-47.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-07	12:00	-1500.0	223.42	-0.09
06-07	12:15	-1485.0	223.29	-0.20
06-07	12:30	-1470.0	223.32	-0.16
06-07	12:45	-1455.0	223.29	-0.17
06-07	13:00	-1440.0	223.27	-0.18
06-07	13:15	-1425.0	223.27	-0.16
06-07	13:30	-1410.0	223.24	-0.17
06-07	13:45	-1395.0	223.21	-0.18
06-07	14:00	-1380.0	223.19	-0.20
06-07	14:15	-1365.0	223.21	-0.15
06-07	14:30	-1350.0	223.19	-0.16
06-07	14:45	-1335.0	223.16	-0.18
06-07	15:00	-1320.0	223.14	-0.19
06-07	15:15	-1305.0	223.14	-0.17
06-07	15:30	-1290.0	223.11	-0.18
06-07	15:45	-1275.0	223.11	-0.17
06-07	16:00	-1260.0	223.11	-0.16
06-07	16:15	-1245.0	223.09	-0.17
06-07	16:30	-1230.0	223.09	-0.16
06-07	16:45	-1215.0	223.06	-0.18
06-07	17:00	-1200.0	223.06	-0.16
06-07	17:15	-1185.0	223.03	-0.18
06-07	17:30	-1170.0	223.03	-0.17
06-07	17:45	-1155.0	223.01	-0.18
06-07	18:00	-1140.0	223.01	-0.17
06-07	18:15	-1125.0	222.98	-0.19
06-07	18:30	-1110.0	222.98	-0.18
06-07	18:45	-1095.0	222.96	-0.20
06-07	19:00	-1080.0	222.96	-0.19
06-07	19:15	-1065.0	222.96	-0.18
06-07	19:30	-1050.0	222.93	-0.20
06-07	19:45	-1035.0	222.93	-0.19
06-07	20:00	-1020.0	222.93	-0.18
06-07	20:15	-1005.0	222.91	-0.20
06-07	20:30	-990.0	222.93	-0.16
06-07	20:45	-975.0	222.93	-0.15
06-07	21:00	-960.0	222.93	-0.14
06-07	21:15	-945.0	222.91	-0.16
06-07	21:30	-930.0	222.91	-0.15
06-07	21:45	-915.0	222.88	-0.17
06-07	22:00	-900.0	222.88	-0.16
06-07	22:15	-885.0	222.85	-0.18
06-07	22:30	-870.0	222.85	-0.17
06-07	22:45	-855.0	222.85	-0.16
06-07	23:00	-840.0	222.85	-0.16
06-07	23:15	-825.0	222.85	-0.15
06-07	23:30	-810.0	222.83	-0.17
06-07	23:45	-795.0	222.83	-0.16
06-08	00:00	-780.0	222.83	-0.15
06-08	00:15	-765.0	222.83	-0.15
06-08	00:30	-750.0	222.83	-0.14
06-08	00:45	-735.0	222.80	-0.16
06-08	01:00	-720.0	222.80	-0.15
06-08	01:15	-705.0	222.80	-0.14
06-08	01:30	-690.0	222.78	-0.16
06-08	01:45	-675.0	222.78	-0.15
06-08	02:00	-660.0	222.78	-0.15
06-08	02:15	-645.0	222.78	-0.14
06-08	02:30	-630.0	222.75	-0.16
06-08	02:45	-615.0	222.75	-0.15
06-08	03:00	-600.0	222.73	-0.17
06-08	03:15	-585.0	222.75	-0.14
06-08	03:30	-570.0	222.73	-0.16
06-08	03:45	-555.0	222.73	-0.15
06-08	04:00	-540.0	222.73	-0.15
06-08	04:15	-525.0	222.73	-0.14
06-08	04:30	-510.0	222.70	-0.16
06-08	04:45	-495.0	222.70	-0.16
06-08	05:00	-480.0	222.67	-0.18
06-08	05:15	-465.0	222.67	-0.17
06-08	05:30	-450.0	222.67	-0.17
06-08	05:45	-435.0	222.65	-0.19
06-08	06:00	-420.0	222.65	-0.18
06-08	06:15	-405.0	222.65	-0.18
06-08	06:30	-390.0	222.65	-0.17
06-08	06:45	-375.0	222.65	-0.17
06-08	07:00	-360.0	222.65	-0.16
06-08	07:15	-345.0	222.65	-0.15
06-08	07:30	-330.0	222.65	-0.15
06-08	07:45	-315.0	222.65	-0.14
06-08	08:00	-300.0	222.65	-0.14
06-08	08:15	-285.0	222.62	-0.16
06-08	08:30	-270.0	222.65	-0.13
06-08	08:45	-255.0	222.62	-0.15
06-08	09:00	-240.0	222.62	-0.14
06-08	09:15	-225.0	222.62	-0.14
06-08	09:30	-210.0	222.62	-0.14
06-08	09:45	-195.0	222.62	-0.13
06-08	10:00	-180.0	222.60	-0.15
06-08	10:15	-165.0	222.60	-0.15
06-08	10:30	-150.0	222.60	-0.15
06-08	10:45	-135.0	222.60	-0.14
06-08	11:00	-120.0	222.60	-0.14
06-08	11:15	-105.0	222.57	-0.16
06-08	11:30	-90.0	222.57	-0.15
06-08	11:45	-75.0	222.75	0.03
06-08	12:00	-60.0	222.75	0.04
06-08	12:15	-45.0	222.75	0.04
06-08	12:30	-30.0	222.73	0.02
06-08	12:40	-20.0	222.73	0.02
06-08	12:41	-19.0	222.73	0.02
06-08	12:42	-18.0	222.73	0.02
06-08	12:43	-17.0	222.73	0.02
06-08	12:44	-16.0	222.73	0.02
06-08	12:45	-15.0	222.73	0.02
06-08	12:46	-14.0	222.73	0.02
06-08	12:47	-13.0	222.73	0.02
06-08	12:48	-12.0	222.70	0.00
06-08	12:49	-11.0	222.73	0.02
06-08	12:50	-10.0	222.73	0.02
06-08	12:51	-9.0	222.70	0.00
06-08	12:52	-8.0	222.73	0.02
06-08	12:53	-7.0	222.70	0.00
06-08	12:54	-6.0	222.70	0.00
06-08	12:55	-5.0	222.70	0.00
06-08	12:56	-4.0	222.73	0.02
06-08	12:57	-3.0	222.70	0.00
06-08	12:58	-2.0	222.70	0.00
06-08	12:59	-1.0	222.70	0.00
06-08	13:00	0.0	222.70	0.00
06-08	13:01	1.0	222.70	0.00
06-08	13:02	2.0	222.70	0.00
06-08	13:03	3.0	222.70	0.00
06-08	13:04	4.0	222.70	0.00
06-08	13:05	5.0	222.70	0.00
06-08	13:06	6.0	222.70	0.00
06-08	13:07	7.0	222.73	0.03
06-08	13:08	8.0	222.75	0.05
06-08	13:09	9.0	222.75	0.05
06-08	13:10	10.0	222.78	0.08
06-08	13:11	11.0	222.80	0.11
06-08	13:12	12.0	222.83	0.13
06-08	13:13	13.0	222.88	0.18
06-08	13:14	14.0	222.91	0.21
06-08	13:15	15.0	222.93	0.24
06-08	13:16	16.0	222.98	0.29
06-08	13:17	17.0	223.01	0.31
06-08	13:18	18.0	223.03	0.34
06-08	13:19	19.0	223.09	0.39
06-08	13:20	20.0	223.11	0.42
06-08	13:21	21.0	223.16	0.47
06-08	13:22	22.0	223.19	0.49
06-08	13:23	23.0	223.24	0.55
06-08	13:24	24.0	223.29	0.60
06-08	13:25	25.0	223.32	0.62
06-08	13:26	26.0	223.34	0.65
06-08	13:27	27.0	223.39	0.70
06-08	13:28	28.0	223.45	0.75
06-08	13:29	29.0	223.47	0.78
06-08	13:30	30.0	223.50	0.80
06-08	13:31	31.0	223.55	0.86
06-08	13:32	32.0	223.57	0.88
06-08	13:33	33.0	223.63	0.93
06-08	13:34	34.0	223.65	0.96
06-08	13:35	35.0	223.68	0.99
06-08	13:36	36.0	223.73	1.04
06-08	13:37	37.0	223.75	1.06
06-08	13:38	38.0	223.81	1.11
06-08	13:39	39.0	223.83	1.14
06-08	13:40	40.0	223.86	1.17
06-08	13:41	41.0	223.88	1.19
06-08	13:42	42.0	223.93	1.24
06-08	13:43	43.0	223.96	1.27
06-08	13:44	44.0	223.99	1.30
06-08	13:45	45.0	224.04	1.35
06-08	13:46	46.0	224.06	1.37
06-08	13:47	47.0	224.09	1.40
06-08	13:48	48.0	224.14	1.45
06-08	13:49	49.0	224.17	1.48
06-08	13:50	50.0	224.19	1.50
06-08	13:51	51.0	224.22	1.53
06-08	13:52	52.0	224.24	1.56
06-08	13:53	53.0	224.27	1.58
06-08	13:54	54.0	224.32	1.63
06-08	13:55	55.0	224.35	1.66
06-08	13:56	56.0	224.37	1.68
06-08	13:57	57.0	224.42	1.74
06-08	13:58	58.0	224.45	1.76
06-08	13:59	59.0	224.47	1.79
06-08	14:00	60.0	224.50	1.81
06-08	14:01	61.0	224.53	1.84
06-08	14:02	62.0	224.55	1.87
06-08	14:03	63.0	224.60	1.92
06-08	14:04	64.0	224.63	1.94
06-08	14:05	65.0	224.65	1.97
06-08	14:06	66.0	224.68	2.00
06-08	14:07	67.0	224.71	2.02
06-08	14:08	68.0	224.76	2.07
06-08	14:09	69.0	224.78	2.10
06-08	14:10	70.0	224.81	2.12
06-08	14:11	71.0	224.83	2.15
06-08	14:12	72.0	224.86	2.18
06-08	14:13	73.0	224.89	2.20
06-08	14:14	74.0	224.91	2.23
06-08	14:15	75.0	224.94	2.25
06-08	14:16	76.0	224.96	2.28
06-08	14:17	77.0	224.99	2.31
06-08	14:18	78.0	225.01	2.33
06-08	14:19	79.0	225.04	2.36
06-08	14:20	80.0	225.09	2.41
06-08	14:21	81.0	225.09	2.41
06-08	14:22	82.0	225.12	2.43
06-08	14:23	83.0	225.14	2.46
06-08	14:24	84.0	225.17	2.49
06-08	14:25	85.0	225.19	2.51
06-08	14:26	86.0	225.22	2.54
06-08	14:27	87.0	225.25	2.56
06-08	14:28	88.0	225.27	2.59
06-08	14:29	89.0	225.30	2.62
06-08	14:30	90.0	225.32	2.64

TABLE 10D-16. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-47, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-08	14:31	91.0	225.35	2.67
06-08	14:32	92.0	225.38	2.69
06-08	14:33	93.0	225.40	2.72
06-08	14:34	94.0	225.43	2.75
06-08	14:35	95.0	225.45	2.77
06-08	14:36	96.0	225.48	2.80
06-08	14:37	97.0	225.50	2.82
06-08	14:38	98.0	225.50	2.82
06-08	14:39	99.0	225.56	2.88
06-08	14:40	100.0	225.56	2.88
06-08	14:41	101.0	225.58	2.90
06-08	14:42	102.0	225.61	2.93
06-08	14:43	103.0	225.63	2.95
06-08	14:44	104.0	225.66	2.98
06-08	14:45	105.0	225.68	3.00
06-08	14:46	106.0	225.71	3.03
06-08	14:47	107.0	225.71	3.03
06-08	14:48	108.0	225.76	3.08
06-08	14:49	109.0	225.76	3.08
06-08	14:50	110.0	225.79	3.11
06-08	14:51	111.0	225.81	3.13
06-08	14:52	112.0	225.84	3.16
06-08	14:53	113.0	225.86	3.19
06-08	14:54	114.0	225.86	3.19
06-08	14:55	115.0	225.92	3.24
06-08	14:56	116.0	225.92	3.24
06-08	14:57	117.0	225.94	3.26
06-08	14:58	118.0	225.97	3.29
06-08	14:59	119.0	225.99	3.32
06-08	15:00	120.0	225.99	3.32
06-08	15:01	121.0	226.02	3.34
06-08	15:02	122.0	226.04	3.37
06-08	15:03	123.0	226.07	3.39
06-08	15:04	124.0	226.10	3.42
06-08	15:05	125.0	226.10	3.42
06-08	15:06	126.0	226.12	3.45
06-08	15:07	127.0	226.15	3.47
06-08	15:08	128.0	226.17	3.50
06-08	15:09	129.0	226.20	3.52
06-08	15:10	130.0	226.22	3.55
06-08	15:11	131.0	226.22	3.55
06-08	15:12	132.0	226.25	3.57
06-08	15:13	133.0	226.28	3.60
06-08	15:14	134.0	226.28	3.60
06-08	15:15	135.0	226.30	3.63
06-08	15:16	136.0	226.33	3.65
06-08	15:17	137.0	226.35	3.68
06-08	15:18	138.0	226.35	3.68
06-08	15:19	139.0	226.38	3.70
06-08	15:20	140.0	226.40	3.73
06-08	15:21	141.0	226.43	3.76
06-08	15:22	142.0	226.43	3.76
06-08	15:23	143.0	226.46	3.78
06-08	15:24	144.0	226.48	3.81
06-08	15:25	145.0	226.51	3.83
06-08	15:26	146.0	226.51	3.83
06-08	15:27	147.0	226.53	3.86
06-08	15:28	148.0	226.56	3.89
06-08	15:29	149.0	226.56	3.89
06-08	15:30	150.0	226.58	3.91
06-08	15:31	151.0	226.61	3.94
06-08	15:32	152.0	226.64	3.96
06-08	15:33	153.0	226.66	3.99
06-08	15:34	154.0	226.66	3.99
06-08	15:35	155.0	226.66	3.99
06-08	15:36	156.0	226.71	4.04
06-08	15:37	157.0	226.71	4.04
06-08	15:38	158.0	226.74	4.07
06-08	15:39	159.0	226.74	4.07
06-08	15:40	160.0	226.76	4.09
06-08	15:41	161.0	226.76	4.09
06-08	15:42	162.0	226.79	4.12
06-08	15:43	163.0	226.79	4.12
06-08	15:44	164.0	226.82	4.15
06-08	15:45	165.0	226.87	4.20
06-08	15:46	166.0	226.87	4.20
06-08	15:47	167.0	226.89	4.22
06-08	15:48	168.0	226.89	4.22
06-08	15:49	169.0	226.92	4.25
06-08	15:50	170.0	226.92	4.25
06-08	15:51	171.0	226.94	4.28
06-08	15:52	172.0	226.94	4.28
06-08	15:53	173.0	226.97	4.30
06-08	15:54	174.0	227.00	4.33
06-08	15:55	175.0	227.00	4.33
06-08	15:56	176.0	227.02	4.36
06-08	15:57	177.0	227.02	4.36
06-08	15:58	178.0	227.05	4.38
06-08	15:59	179.0	227.10	4.43
06-08	16:00	180.0	227.10	4.43
06-08	16:01	181.0	227.12	4.46
06-08	16:02	182.0	227.15	4.49
06-08	16:03	183.0	227.15	4.49
06-08	16:04	184.0	227.18	4.51
06-08	16:05	185.0	227.18	4.51
06-08	16:06	186.0	227.20	4.54
06-08	16:07	187.0	227.20	4.54
06-08	16:08	188.0	227.20	4.54
06-08	16:09	189.0	227.23	4.57
06-08	16:10	190.0	227.25	4.59
06-08	16:11	191.0	227.25	4.59
06-08	16:12	192.0	227.28	4.62
06-08	16:13	193.0	227.28	4.62
06-08	16:14	194.0	227.30	4.64
06-08	16:15	195.0	227.30	4.65
06-08	16:16	196.0	227.33	4.67
06-08	16:17	197.0	227.33	4.67
06-08	16:18	198.0	227.33	4.67
06-08	16:19	199.0	227.36	4.70
06-08	16:21	201.0	227.45	4.79
06-08	16:22	202.0	227.48	4.82
06-08	16:23	203.0	227.50	4.84
06-08	16:24	204.0	227.53	4.87
06-08	16:25	205.0	227.53	4.87
06-08	16:26	206.0	227.55	4.90
06-08	16:27	207.0	227.55	4.90
06-08	16:28	208.0	227.58	4.92
06-08	16:29	209.0	227.58	4.92
06-08	16:30	210.0	227.60	4.95
06-08	16:31	211.0	227.60	4.95
06-08	16:32	212.0	227.63	4.97
06-08	16:33	213.0	227.63	4.98
06-08	16:34	214.0	227.66	5.00
06-08	16:35	215.0	227.66	5.00
06-08	16:36	216.0	227.68	5.03
06-08	16:37	217.0	227.68	5.03
06-08	16:38	218.0	227.71	5.05
06-08	16:39	219.0	227.71	5.05
06-08	16:40	220.0	227.73	5.08
06-08	16:41	221.0	227.76	5.10
06-08	16:42	222.0	227.76	5.10
06-08	16:43	223.0	227.78	5.13
06-08	16:44	224.0	227.78	5.13
06-08	16:45	225.0	227.81	5.16
06-08	16:46	226.0	227.81	5.16
06-08	16:47	227.0	227.84	5.18
06-08	16:48	228.0	227.84	5.18
06-08	16:49	229.0	227.86	5.21
06-08	16:50	230.0	227.86	5.21
06-08	16:51	231.0	227.89	5.24
06-08	17:15	255.0	228.17	5.52
06-08	17:30	270.0	228.35	5.71
06-08	17:45	285.0	228.50	5.86
06-08	18:00	300.0	228.69	6.05
06-08	18:15	315.0	228.87	6.23
06-08	18:30	330.0	229.05	6.41
06-08	18:45	345.0	229.20	6.57
06-08	19:00	360.0	229.38	6.75
06-08	19:15	375.0	229.53	6.91
06-08	19:30	390.0	229.69	7.06
06-08	19:45	405.0	229.82	7.19
06-08	20:00	420.0	229.95	7.33
06-08	20:15	435.0	230.10	7.48
06-08	20:30	450.0	230.20	7.59
06-08	20:45	465.0	230.33	7.72
06-08	21:00	480.0	230.46	7.85
06-08	21:15	495.0	230.56	7.96
06-08	21:30	510.0	230.69	8.09
06-08	21:45	525.0	230.79	8.19
06-08	22:00	540.0	230.90	8.30
06-08	22:15	555.0	231.03	8.43
06-08	22:30	570.0	231.13	8.54
06-08	22:45	585.0	231.23	8.64
06-08	23:00	600.0	231.31	8.73
06-08	23:15	615.0	231.41	8.83
06-08	23:30	630.0	231.51	8.94
06-08	23:45	645.0	231.62	9.04
06-09	00:00	660.0	231.69	9.12
06-09	00:15	675.0	231.80	9.23
06-09	00:30	690.0	231.88	9.31
06-09	00:45	705.0	231.95	9.39
06-09	01:00	720.0	232.03	9.47
06-09	01:15	735.0	232.13	9.57
06-09	01:30	750.0	232.18	9.63
06-09	01:45	765.0	232.29	9.73
06-09	02:00	780.0	232.36	9.81
06-09	02:15	795.0	232.42	9.87
06-09	02:30	810.0	232.49	9.94
06-09	02:45	825.0	232.57	10.02
06-09	03:00	840.0	232.65	10.10
06-09	03:15	855.0	232.72	10.18
06-09	03:30	870.0	232.80	10.26
06-09	03:45	885.0	232.85	10.32
06-09	04:00	900.0	232.93	10.39
06-09	04:15	915.0	232.98	10.45
06-09	04:30	930.0	233.06	10.53
06-09	04:45	945.0	233.14	10.61
06-09	05:00	960.0	233.19	10.66
06-09	05:15	975.0	233.26	10.74
06-09	05:30	990.0	233.32	10.79
06-09	05:45	1005.0	233.39	10.87
06-09	06:00	1020.0	233.44	10.93
06-09	06:15	1035.0	233.52	11.01
06-09	06:30	1050.0	233.57	11.06
06-09	06:45	1065.0	233.69	11.18
06-09	07:00	1080.0	233.77	11.26
06-09	07:15	1095.0	233.82	11.31
06-09	07:30	1110.0	233.87	11.37
06-09	07:45	1125.0	233.92	11.42
06-09	08:00	1140.0	233.97	11.47
06-09	08:15	1155.0	234.02	11.53
06-09	08:30	1170.0	234.07	11.58
06-09	08:45	1185.0	234.15	11.66
06-09	09:00	1200.0	234.20	11.71
06-09	09:15	1215.0	234.31	11.82
06-09	09:30	1230.0	234.33	11.85
06-09	09:45	1245.0	234.38	11.90
06-09	10:00	1260.0	234.46	11.98
06-09	10:15	1275.0	234.49	12.01
06-09	10:30	1290.0	234.59	12.11

TABLE 10D-16. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL RI-47, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-09	10:45	1305.0	234.67	12.19
06-09	11:00	1320.0	234.64	12.17
06-09	11:15	1335.0	234.72	12.25
06-09	11:30	1350.0	235.18	12.71
06-09	11:45	1365.0	234.79	12.33
06-09	12:00	1380.0	234.82	12.36
06-09	12:15	1395.0	234.90	12.43
06-09	12:30	1410.0	234.90	12.44
06-09	12:45	1425.0	234.97	12.52
06-09	12:50	1430.0	235.00	12.54
06-09	12:55	1435.0	235.00	12.54
06-09	13:00	1440.0	235.00	12.54
06-09	13:05	1445.0	235.03	12.57
06-09	13:10	1450.0	234.92	12.47
06-09	13:15	1455.0	234.79	12.34
06-09	13:20	1460.0	234.64	12.19
06-09	13:25	1465.0	234.46	12.01
06-09	13:30	1470.0	234.28	11.83
06-09	13:35	1475.0	234.13	11.67
06-09	13:40	1480.0	233.97	11.52
06-09	13:45	1485.0	233.82	11.36
06-09	13:50	1490.0	233.66	11.21
06-09	13:55	1495.0	233.53	11.08
06-09	14:00	1500.0	233.41	10.96
06-09	14:05	1505.0	233.28	10.83
06-09	14:10	1510.0	233.15	10.70
06-09	14:15	1515.0	233.02	10.57
06-09	14:20	1520.0	232.89	10.44
06-09	14:25	1525.0	232.79	10.34
06-09	14:30	1530.0	232.69	10.24
06-09	14:35	1535.0	232.56	10.11
06-09	14:40	1540.0	232.43	9.98
06-09	14:45	1545.0	232.35	9.91
06-09	14:50	1550.0	232.27	9.83
06-09	14:55	1555.0	232.17	9.73
06-09	15:00	1560.0	232.66	10.22
06-09	15:05	1565.0	232.17	9.73
06-09	15:10	1570.0	232.09	9.65
06-09	15:15	1575.0	231.91	9.47
06-09	15:20	1580.0	231.73	9.29
06-09	15:25	1585.0	231.45	9.01
06-09	15:30	1590.0	231.35	8.91
06-09	15:35	1595.0	231.27	8.83
06-09	15:40	1600.0	231.19	8.75
06-09	15:45	1605.0	231.11	8.68
06-09	15:50	1610.0	231.09	8.65
06-09	15:55	1615.0	230.99	8.55
06-09	16:00	1620.0	230.96	8.52
06-09	16:05	1625.0	230.88	8.45
06-09	16:10	1630.0	230.81	8.37
06-09	16:15	1635.0	230.78	8.34
06-09	16:20	1640.0	230.70	8.27
06-09	16:25	1645.0	230.65	8.22
06-09	16:30	1650.0	230.60	8.17
06-09	16:35	1655.0	230.52	8.09
06-09	16:40	1660.0	230.44	8.01
06-09	16:45	1665.0	230.39	7.96
06-09	16:50	1670.0	230.34	7.91
06-09	16:55	1675.0	230.29	7.86
06-09	17:00	1680.0	230.24	7.81
06-09	17:15	1695.0	230.08	7.66
06-09	17:30	1710.0	229.96	7.53
06-09	17:45	1725.0	229.83	7.40
06-09	18:00	1740.0	229.67	7.25
06-09	18:15	1755.0	229.57	7.15
06-09	18:30	1770.0	229.44	7.02
06-09	18:45	1785.0	229.31	6.89
06-09	19:00	1800.0	229.24	6.81
06-09	19:15	1815.0	229.11	6.69
06-09	19:30	1830.0	229.03	6.61
06-09	19:45	1845.0	228.90	6.48
06-09	20:00	1860.0	228.82	6.41
06-09	20:15	1875.0	228.73	6.32
06-09	20:30	1890.0	228.63	6.21
06-09	20:45	1905.0	228.55	6.14
06-09	21:00	1920.0	228.48	6.06
06-09	21:15	1935.0	228.37	5.96
06-09	21:30	1950.0	228.32	5.91
06-09	21:45	1965.0	228.22	5.81
06-09	22:00	1980.0	228.17	5.76
06-09	22:15	1995.0	228.09	5.68
06-09	22:30	2010.0	228.04	5.63
06-09	22:45	2025.0	227.96	5.55
06-09	23:00	2040.0	227.89	5.48
06-09	23:15	2055.0	227.83	5.43
06-09	23:30	2070.0	227.76	5.35
06-09	23:45	2085.0	227.71	5.30
06-10	00:00	2100.0	227.63	5.22
06-10	00:15	2115.0	227.58	5.17
06-10	00:30	2130.0	227.53	5.12
06-10	00:45	2145.0	227.47	5.07
06-10	01:00	2160.0	227.42	5.02
06-10	01:15	2175.0	227.37	4.97
06-10	01:30	2190.0	227.29	4.90
06-10	01:45	2205.0	227.24	4.85
06-10	02:00	2220.0	227.19	4.80
06-10	02:15	2235.0	227.16	4.77
06-10	02:30	2250.0	227.09	4.70
06-10	02:45	2265.0	227.04	4.65
06-10	03:00	2280.0	227.01	4.62
06-10	03:15	2295.0	226.96	4.57
06-10	03:30	2310.0	226.91	4.52
06-10	03:45	2325.0	226.86	4.47
06-10	04:00	2340.0	226.80	4.42
06-10	04:15	2355.0	226.78	4.40
06-10	04:30	2370.0	226.73	4.35
06-10	04:45	2385.0	226.68	4.30
06-10	05:00	2400.0	226.65	4.27
06-10	05:15	2415.0	226.60	4.22
06-10	05:30	2430.0	226.55	4.17
06-10	05:45	2445.0	226.52	4.15
06-10	06:00	2460.0	226.47	4.10
06-10	06:15	2475.0	226.44	4.07
06-10	06:30	2490.0	226.42	4.05
06-10	06:45	2505.0	226.37	4.00
06-10	07:00	2520.0	226.34	3.97
06-10	07:15	2535.0	226.29	3.92
06-10	07:30	2550.0	226.26	3.90
06-10	07:45	2565.0	226.24	3.87
06-10	08:00	2580.0	226.21	3.85
06-10	08:15	2595.0	226.16	3.80
06-10	08:30	2610.0	226.16	3.80
06-10	08:45	2625.0	226.14	3.78
06-10	09:00	2640.0	226.11	3.75
06-10	09:15	2655.0	226.08	3.73
06-10	09:30	2670.0	226.08	3.73
06-10	09:45	2685.0	225.98	3.63
06-10	10:00	2700.0	225.98	3.63
06-10	10:15	2715.0	225.96	3.61
06-10	10:30	2730.0	225.93	3.58
06-10	10:45	2745.0	225.88	3.53
06-10	11:00	2760.0	225.88	3.53
06-10	11:15	2775.0	225.83	3.48
06-10	11:30	2790.0	225.80	3.46
06-10	11:45	2805.0	225.78	3.43
06-10	12:00	2820.0	225.75	3.41
06-10	12:15	2835.0	225.72	3.38
06-10	12:30	2850.0	225.70	3.36
06-10	12:45	2865.0	225.67	3.33
06-10	13:00	2880.0	225.65	3.31
06-10	13:15	2895.0	225.67	3.34

TABLE 10D-17. AQUIFER-TEST DATA FOR OBSERVATION WELL MO-2.

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-06-94	21:29	-23	--	--	208.12	-0.07	--	--	--	--
06-07-94	08:32	-17	--	--	208.20	-0.05	--	--	--	--
	11:10	-15	--	--	208.24	-0.02	--	--	--	--
	11:48	-15	--	--	208.27	-0.00	--	--	--	--
	16:16	-12	--	--	208.25	-0.04	--	--	--	--
06-08-94	08:28	-27	--	--	208.39	0.02	--	--	--	--
	13:00	PUMP ON IN WELL MP-9								
	13:30	30	--	--	208.42	0.03	--	--	--	--
	13:49	49	--	--	208.41	0.02	--	--	--	--
	14:13	73	--	--	208.40	0.00	--	--	--	--
	15:24	144	--	--	208.36	-0.06	--	--	--	--
	16:56	RAISED TRANSDUCER 0.4'								
	17:26	266	--	--	208.38	-0.04	--	--	--	--
	18:48	348	--	--	208.39	-0.04	--	--	--	--
	19:32	392	--	--	208.39	-0.05	--	--	--	--
	20:38	458	--	--	208.39	-0.06	--	--	--	--
	21:38	518	--	--	208.40	-0.05	--	--	--	--
	22:39	579	--	--	208.43	-0.02	--	--	--	--
	23:48	648	--	--	208.45	0.00	--	--	--	--
06-09-94	00:30	690	--	--	208.47	0.02	--	--	--	--
	01:38	758	--	--	208.46	0.00	--	--	--	--
	02:26	806	--	--	208.46	0.00	--	--	--	--
	04:06	906	--	--	208.46	-0.00	--	--	--	--
	05:03	963	--	--	208.46	-0.01	--	--	--	--
	06:17	1037	--	--	208.46	-0.01	--	--	--	--
	08:39	1179	--	--	208.49	0.02	--	--	--	--
	09:34	1234	--	--	208.49	0.02	--	--	--	--
	10:16	1276	--	--	208.48	0.01	--	--	--	--
	11:17	1337	--	--	208.50	0.02	--	--	--	--
	12:04	1384	--	--	208.49	0.01	--	--	--	--
	13:00	PUMP OFF IN WELL MP-9								
	14:00	1500	--	--	208.49	0.01	--	--	--	--
	15:45	1605	--	--	208.51	0.02	--	--	--	--
	16:54	1674	--	--	208.51	0.02	--	--	--	--
	17:38	1718	--	--	208.51	0.02	--	--	--	--
	18:24	1764	--	--	208.51	0.01	--	--	--	--
	19:24	1824	--	--	208.51	0.00	--	--	--	--
06-10-94	08:33	TRANS = 2.277								
	09:05	2645	--	--	208.60	0.04	--	--	--	--
	10:15	2715	--	--	208.60	0.04	--	--	--	--
	11:13	2773	--	--	208.60	0.04	--	--	--	--
	12:01	2821	--	--	208.59	0.02	--	--	--	--
	12:59	2879	--	--	208.59	0.02	--	--	--	--
	15:13	3013	--	--	208.59	0.02	--	--	--	--

TABLE 10D-17. AQUIFER-TEST DATA FOR OBSERVATION WELL NO-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)

Note: Barometric pressure correction applied - B.C. = 0.20 ft of water/in Hg.
Note: Trend correction applied - trend correction = -0.08 ft/day.

TABLE 10D-18. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL MO-2.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-07	12:00	-1500.0	208.31	0.04
06-07	12:15	-1485.0	208.31	0.04
06-07	12:30	-1470.0	208.28	0.00
06-07	12:45	-1455.0	208.29	0.01
06-07	13:00	-1440.0	208.31	0.04
06-07	13:15	-1425.0	208.33	0.05
06-07	13:30	-1410.0	208.26	-0.02
06-07	13:45	-1395.0	208.28	-0.01
06-07	14:00	-1380.0	208.26	-0.03
06-07	14:15	-1365.0	208.29	0.00
06-07	14:30	-1350.0	208.39	0.11
06-07	14:45	-1335.0	208.25	-0.03
06-07	15:00	-1320.0	208.24	-0.05
06-07	15:15	-1305.0	208.28	-0.01
06-07	15:30	-1290.0	208.29	0.00
06-07	15:45	-1275.0	208.28	-0.01
06-07	16:00	-1260.0	208.29	0.00
06-07	16:15	-1245.0	208.21	-0.08
06-07	16:30	-1230.0	208.25	-0.04
06-07	16:45	-1215.0	208.30	0.01
06-07	17:00	-1200.0	208.24	-0.06
06-07	17:15	-1185.0	208.25	-0.04
06-07	17:30	-1170.0	208.26	-0.03
06-07	17:45	-1155.0	208.26	-0.03
06-07	18:00	-1140.0	208.25	-0.04
06-07	18:15	-1125.0	208.28	-0.02
06-07	18:30	-1110.0	208.29	-0.01
06-07	18:45	-1095.0	208.31	0.01
06-07	19:00	-1080.0	208.31	0.00
06-07	19:15	-1065.0	208.28	-0.04
06-07	19:30	-1050.0	208.30	-0.02
06-07	19:45	-1035.0	208.29	-0.04
06-07	20:00	-1020.0	208.26	-0.07
06-07	20:15	-1005.0	208.30	-0.03
06-07	20:30	-990.0	208.30	-0.03
06-07	20:45	-975.0	208.33	0.00
06-07	21:00	-960.0	208.30	-0.03
06-07	21:15	-945.0	208.33	0.00
06-07	21:30	-930.0	208.33	0.00
06-07	21:45	-915.0	208.30	-0.03
06-07	22:00	-900.0	208.33	-0.01
06-07	22:15	-885.0	208.31	-0.03
06-07	22:30	-870.0	208.31	-0.03
06-07	22:45	-855.0	208.31	-0.03
06-07	23:00	-840.0	208.31	-0.03
06-07	23:15	-825.0	208.37	0.02
06-07	23:30	-810.0	208.35	0.01
06-07	23:45	-795.0	208.31	-0.03
06-08	00:00	-780.0	208.33	-0.02
06-08	00:15	-765.0	208.34	-0.01
06-08	00:30	-750.0	208.33	-0.03
06-08	00:45	-735.0	208.38	0.03
06-08	01:00	-720.0	208.39	0.04
06-08	01:15	-705.0	208.40	0.05
06-08	01:30	-690.0	208.43	0.08
06-08	01:45	-675.0	208.37	0.01
06-08	02:00	-660.0	208.37	0.01
06-08	02:15	-645.0	208.37	0.01
06-08	02:30	-630.0	208.38	0.02
06-08	02:45	-615.0	208.38	0.02
06-08	03:00	-600.0	208.37	0.01
06-08	03:15	-585.0	208.37	0.01
06-08	03:30	-570.0	208.35	-0.01
06-08	03:45	-555.0	208.35	-0.01
06-08	04:00	-540.0	208.39	0.03
06-08	04:15	-525.0	208.39	0.03
06-08	04:30	-510.0	208.38	0.01
06-08	04:45	-495.0	208.35	-0.01
06-08	05:00	-480.0	208.40	0.04
06-08	05:15	-465.0	208.39	0.03
06-08	05:30	-450.0	208.34	-0.03
06-08	05:45	-435.0	208.37	0.00
06-08	06:00	-420.0	208.40	0.03
06-08	06:15	-405.0	208.39	0.02
06-08	06:30	-390.0	208.39	0.02
06-08	06:45	-375.0	208.44	0.07
06-08	07:00	-360.0	208.37	-0.01
06-08	07:15	-345.0	208.42	0.04
06-08	07:30	-330.0	208.42	0.04
06-08	07:45	-315.0	208.39	0.02
06-08	08:00	-300.0	208.43	0.06
06-08	08:15	-285.0	208.39	0.02
06-08	08:30	-270.0	208.39	0.02
06-08	08:45	-255.0	208.44	0.07
06-08	09:00	-240.0	208.52	0.15
06-08	09:15	-225.0	208.43	0.05
06-08	09:30	-210.0	208.40	0.03
06-08	09:45	-195.0	208.42	0.04
06-08	10:00	-180.0	208.40	0.02
06-08	10:15	-165.0	208.43	0.05
06-08	10:30	-150.0	208.44	0.06
06-08	10:45	-135.0	208.43	0.05
06-08	11:00	-120.0	208.43	0.05
06-08	11:15	-105.0	208.42	0.03
06-08	11:30	-90.0	208.39	0.01
06-08	11:45	-75.0	208.42	0.03
06-08	12:00	-60.0	208.42	0.03
06-08	12:15	-45.0	208.46	0.07
06-08	12:30	-30.0	208.42	0.03
06-08	12:40	-20.0	208.35	-0.04
06-08	12:41	-19.0	208.40	0.02
06-08	12:42	-18.0	208.40	0.01
06-08	12:43	-17.0	208.42	0.03
06-08	12:44	-16.0	208.34	-0.05
06-08	12:45	-15.0	208.34	-0.05
06-08	12:46	-14.0	208.31	-0.08
06-08	12:47	-13.0	208.39	0.00
06-08	12:48	-12.0	208.42	0.03
06-08	12:49	-11.0	208.35	-0.04
06-08	12:50	-10.0	208.39	0.00
06-08	12:51	-9.0	208.42	0.03
06-08	12:52	-8.0	208.38	-0.01
06-08	12:53	-7.0	208.42	0.03
06-08	12:54	-6.0	208.37	-0.02
06-08	12:55	-5.0	208.43	0.04
06-08	12:56	-4.0	208.42	0.03
06-08	12:57	-3.0	208.40	0.01
06-08	12:58	-2.0	208.39	0.00
06-08	12:59	-1.0	208.40	0.01
06-08	13:00	0.0	208.34	-0.05
06-08	13:01	1.0	208.40	0.01
06-08	13:02	2.0	208.40	0.01
06-08	13:03	3.0	208.37	-0.02
06-08	13:04	4.0	208.35	-0.04
06-08	13:05	5.0	208.43	0.04
06-08	13:06	6.0	208.34	-0.05
06-08	13:07	7.0	208.42	0.03
06-08	13:08	8.0	208.43	0.04
06-08	13:09	9.0	208.48	0.09
06-08	13:10	10.0	208.44	0.05
06-08	13:11	11.0	208.40	0.01
06-08	13:12	12.0	208.42	0.03
06-08	13:13	13.0	208.38	-0.01
06-08	13:14	14.0	208.39	0.00
06-08	13:15	15.0	208.42	0.03
06-08	13:16	16.0	208.40	0.01
06-08	13:17	17.0	208.39	0.00
06-08	13:18	18.0	208.44	0.05
06-08	13:19	19.0	208.40	0.01
06-08	13:20	20.0	208.39	0.00
06-08	13:21	21.0	208.39	0.00
06-08	13:22	22.0	208.43	0.04
06-08	13:23	23.0	208.43	0.04
06-08	13:24	24.0	208.42	0.03
06-08	13:25	25.0	208.42	0.03
06-08	13:26	26.0	208.38	-0.01
06-08	13:27	27.0	208.35	-0.04
06-08	13:28	28.0	208.39	0.00
06-08	13:29	29.0	208.38	-0.01
06-08	13:30	30.0	208.37	-0.03
06-08	13:31	31.0	208.39	0.00
06-08	13:32	32.0	208.37	-0.03
06-08	13:33	33.0	208.39	0.00
06-08	13:34	34.0	208.38	-0.01
06-08	13:35	35.0	208.42	0.03
06-08	13:36	36.0	208.42	0.02
06-08	13:37	37.0	208.38	-0.01
06-08	13:38	38.0	208.35	-0.04
06-08	13:39	39.0	208.40	0.01
06-08	13:40	40.0	208.38	-0.01
06-08	13:41	41.0	208.40	0.01
06-08	13:42	42.0	208.42	0.02
06-08	13:43	43.0	208.35	-0.04
06-08	13:44	44.0	208.37	-0.03
06-08	13:45	45.0	208.40	0.01
06-08	13:46	46.0	208.44	0.05
06-08	13:47	47.0	208.38	-0.01
06-08	13:48	48.0	208.40	0.01
06-08	13:49	49.0	208.42	0.02
06-08	13:50	50.0	208.40	0.01
06-08	13:51	51.0	208.37	-0.03
06-08	13:52	52.0	208.35	-0.04
06-08	13:53	53.0	208.34	-0.05
06-08	13:54	54.0	208.40	0.01
06-08	13:55	55.0	208.37	-0.03
06-08	13:56	56.0	208.42	0.02
06-08	13:57	57.0	208.39	0.00
06-08	13:58	58.0	208.39	0.00
06-08	13:59	59.0	208.39	0.00
06-08	14:00	60.0	208.40	0.01
06-08	14:01	61.0	208.38	-0.02
06-08	14:02	62.0	208.39	-0.01
06-08	14:03	63.0	208.35	-0.04
06-08	14:04	64.0	208.37	-0.03
06-08	14:05	65.0	208.35	-0.04
06-08	14:06	66.0	208.37	-0.03
06-08	14:07	67.0	208.37	-0.03
06-08	14:08	68.0	208.34	-0.06
06-08	14:09	69.0	208.34	-0.06
06-08	14:10	70.0	208.40	0.01
06-08	14:11	71.0	208.35	-0.05
06-08	14:12	72.0	208.38	-0.02
06-08	14:13	73.0	208.34	-0.06
06-08	14:14	74.0	208.33	-0.07
06-08	14:15	75.0	208.31	-0.09
06-08	14:16	76.0	208.33	-0.07
06-08	14:17	77.0	208.33	-0.07
06-08	14:18	78.0	208.37	-0.03
06-08	14:19	79.0	208.35	-0.05
06-08	14:20	80.0	208.38	-0.02
06-08	14:21	81.0	208.38	-0.02
06-08	14:22	82.0	208.34	-0.06
06-08	14:23	83.0	208.39	-0.01
06-08	14:24	84.0	208.35	-0.05
06-08	14:25	85.0	208.39	-0.01
06-08	14:26	86.0	208.39	-0.01
06-08	14:27	87.0	208.37	-0.04
06-08	14:28	88.0	208.38	-0.02
06-08	14:29	89.0	208.37	-0.04
06-08	14:30	90.0	208.37	-0.04

TABLE 10D-18. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL HO-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-08	14:31	91.0	208.37	-0.04
06-08	14:32	92.0	208.37	-0.04
06-08	14:33	93.0	208.39	-0.01
06-08	14:34	94.0	208.37	-0.04
06-08	14:35	95.0	208.31	-0.09
06-08	14:36	96.0	208.37	-0.04
06-08	14:37	97.0	208.35	-0.05
06-08	14:38	98.0	208.38	-0.03
06-08	14:39	99.0	208.39	-0.01
06-08	14:40	100.0	208.35	-0.05
06-08	14:41	101.0	208.37	-0.04
06-08	14:42	102.0	208.33	-0.08
06-08	14:43	103.0	208.38	-0.03
06-08	14:44	104.0	208.35	-0.05
06-08	14:45	105.0	208.38	-0.03
06-08	14:46	106.0	208.33	-0.08
06-08	14:47	107.0	208.33	-0.08
06-08	14:48	108.0	208.33	-0.08
06-08	14:49	109.0	208.37	-0.04
06-08	14:50	110.0	208.34	-0.07
06-08	14:51	111.0	208.33	-0.08
06-08	14:52	112.0	208.37	-0.04
06-08	14:53	113.0	208.37	-0.04
06-08	14:54	114.0	208.33	-0.08
06-08	14:55	115.0	208.28	-0.13
06-08	14:56	116.0	208.34	-0.07
06-08	14:57	117.0	208.34	-0.07
06-08	14:58	118.0	208.29	-0.12
06-08	14:59	119.0	208.37	-0.04
06-08	15:00	120.0	208.35	-0.06
06-08	15:01	121.0	208.30	-0.11
06-08	15:02	122.0	208.31	-0.10
06-08	15:03	123.0	208.25	-0.16
06-08	15:04	124.0	208.24	-0.17
06-08	15:05	125.0	208.33	-0.08
06-08	15:06	126.0	208.30	-0.11
06-08	15:07	127.0	208.34	-0.07
06-08	15:08	128.0	208.34	-0.07
06-08	15:09	129.0	208.34	-0.07
06-08	15:10	130.0	208.34	-0.07
06-08	15:11	131.0	208.33	-0.09
06-08	15:12	132.0	208.26	-0.15
06-08	15:13	133.0	208.31	-0.10
06-08	15:14	134.0	208.29	-0.12
06-08	15:15	135.0	208.34	-0.07
06-08	15:16	136.0	208.39	-0.02
06-08	15:17	137.0	208.34	-0.07
06-08	15:18	138.0	208.35	-0.06
06-08	15:19	139.0	208.31	-0.10
06-08	15:20	140.0	208.42	0.00
06-08	15:21	141.0	208.33	-0.09
06-08	15:22	142.0	208.39	-0.02
06-08	15:23	143.0	208.35	-0.06
06-08	15:24	144.0	208.38	-0.04
06-08	15:25	145.0	208.38	-0.04
06-08	15:26	146.0	208.37	-0.05
06-08	15:27	147.0	208.34	-0.08
06-08	15:28	148.0	208.34	-0.08
06-08	15:29	149.0	208.35	-0.06
06-08	15:30	150.0	208.35	-0.06
06-08	15:31	151.0	208.31	-0.10
06-08	15:32	152.0	208.34	-0.08
06-08	15:33	153.0	208.38	-0.04
06-08	15:34	154.0	208.33	-0.09
06-08	15:35	155.0	208.29	-0.13
06-08	15:36	156.0	208.33	-0.09
06-08	15:37	157.0	208.35	-0.07
06-08	15:38	158.0	208.33	-0.09
06-08	15:39	159.0	208.35	-0.07
06-08	15:40	160.0	208.29	-0.13
06-08	15:41	161.0	208.33	-0.09
06-08	15:42	162.0	208.34	-0.08
06-08	15:43	163.0	208.34	-0.08
06-08	15:44	164.0	208.31	-0.10
06-08	15:45	165.0	208.30	-0.12
06-08	15:46	166.0	208.37	-0.05
06-08	15:47	167.0	208.30	-0.12
06-08	15:48	168.0	208.34	-0.08
06-08	15:49	169.0	208.35	-0.06
06-08	15:50	170.0	208.38	-0.04
06-08	15:51	171.0	208.30	-0.12
06-08	15:52	172.0	208.29	-0.13
06-08	15:53	173.0	208.34	-0.08
06-08	15:54	174.0	208.30	-0.12
06-08	15:55	175.0	208.29	-0.13
06-08	15:56	176.0	208.34	-0.08
06-08	15:57	177.0	208.38	-0.04
06-08	15:58	178.0	208.34	-0.08
06-08	15:59	179.0	208.29	-0.13
06-08	16:00	180.0	208.29	-0.13
06-08	16:01	181.0	208.35	-0.06
06-08	16:02	182.0	208.28	-0.14
06-08	16:03	183.0	208.38	-0.04
06-08	16:04	184.0	208.30	-0.11
06-08	16:05	185.0	208.33	-0.09
06-08	16:06	186.0	208.26	-0.15
06-08	16:07	187.0	208.28	-0.14
06-08	16:08	188.0	208.25	-0.16
06-08	16:09	189.0	208.31	-0.10
06-08	16:10	190.0	208.34	-0.07
06-08	16:11	191.0	208.26	-0.15
06-08	16:12	192.0	208.35	-0.06
06-08	16:13	193.0	208.35	-0.06
06-08	16:14	194.0	208.26	-0.15
06-08	16:15	195.0	208.30	-0.11
06-08	16:16	196.0	208.30	-0.11
06-08	16:17	197.0	208.28	-0.14
06-08	16:18	198.0	208.28	-0.14
06-08	16:19	199.0	208.35	-0.06
06-08	16:20	200.0	208.34	-0.07
06-08	16:21	201.0	208.34	-0.07
06-08	16:22	202.0	208.35	-0.06
06-08	16:23	203.0	208.37	-0.05
06-08	16:24	204.0	208.35	-0.06
06-08	16:25	205.0	208.38	-0.04
06-08	16:26	206.0	208.42	0.00
06-08	16:27	207.0	208.38	-0.04
06-08	16:28	208.0	208.39	-0.02
06-08	16:29	209.0	208.33	-0.09
06-08	16:30	210.0	208.34	-0.07
06-08	16:31	211.0	208.34	-0.07
06-08	16:32	212.0	208.33	-0.09
06-08	16:33	213.0	208.34	-0.07
06-08	16:34	214.0	208.35	-0.06
06-08	16:35	215.0	208.38	-0.04
06-08	16:36	216.0	208.37	-0.05
06-08	16:37	217.0	208.34	-0.08
06-08	16:38	218.0	208.29	-0.13
06-08	16:39	219.0	208.31	-0.10
06-08	16:40	220.0	208.30	-0.11
06-08	16:41	221.0	208.33	-0.09
06-08	16:42	222.0	208.24	-0.18
06-08	16:43	223.0	208.28	-0.14
06-08	16:44	224.0	208.34	-0.08
06-08	16:45	225.0	208.35	-0.06
06-08	16:46	226.0	208.31	-0.10
06-08	16:47	227.0	208.26	-0.15
06-08	16:48	228.0	208.37	-0.05
06-08	16:49	229.0	208.34	-0.08
06-08	16:50	230.0	208.34	-0.08
06-08	16:51	231.0	208.24	-0.18
06-08	17:15	255.0	208.40	-0.02
06-08	17:30	270.0	208.44	0.02
06-08	17:45	285.0	208.52	0.09
06-08	18:00	300.0	208.47	0.04
06-08	18:15	315.0	208.46	0.03
06-08	18:30	330.0	208.44	0.01
06-08	18:45	345.0	208.42	-0.02
06-08	19:00	360.0	208.35	-0.08
06-08	19:15	375.0	208.33	-0.11
06-08	19:30	390.0	208.40	-0.04
06-08	19:45	405.0	208.35	-0.09
06-08	20:00	420.0	208.33	-0.12
06-08	20:15	435.0	208.35	-0.09
06-08	20:30	450.0	208.42	-0.03
06-08	20:45	465.0	208.43	-0.02
06-08	21:00	480.0	208.39	-0.06
06-08	21:15	495.0	208.46	0.01
06-08	21:30	510.0	208.39	-0.06
06-08	21:45	525.0	208.39	-0.06
06-08	22:00	540.0	208.35	-0.10
06-08	22:15	555.0	208.44	-0.01
06-08	22:30	570.0	208.42	-0.03
06-08	22:45	585.0	208.46	0.01
06-08	23:00	600.0	208.46	0.01
06-08	23:15	615.0	208.46	0.01
06-08	23:30	630.0	208.46	0.01
06-08	23:45	645.0	208.49	0.05
06-09	00:00	660.0	208.52	0.07
06-09	00:15	675.0	208.51	0.06
06-09	00:30	690.0	208.47	0.02
06-09	00:45	705.0	208.38	-0.07
06-09	01:00	720.0	208.39	-0.06
06-09	01:15	735.0	208.44	-0.01
06-09	01:30	750.0	208.51	0.05
06-09	01:45	765.0	208.46	0.00
06-09	02:00	780.0	208.42	-0.04
06-09	02:15	795.0	208.44	-0.01
06-09	02:30	810.0	208.49	0.04
06-09	02:45	825.0	208.51	0.05
06-09	03:00	840.0	208.53	0.07
06-09	03:15	855.0	208.47	0.01
06-09	03:30	870.0	208.43	-0.03
06-09	03:45	885.0	208.49	0.03
06-09	04:00	900.0	208.55	0.08
06-09	04:15	915.0	208.55	0.08
06-09	04:30	930.0	208.47	0.00
06-09	04:45	945.0	208.49	0.03
06-09	05:00	960.0	208.43	-0.04
06-09	05:15	975.0	208.52	0.05
06-09	05:30	990.0	208.47	0.00
06-09	05:45	1005.0	208.58	0.12
06-09	06:00	1020.0	208.42	-0.05
06-09	06:15	1035.0	208.43	-0.04
06-09	06:30	1050.0	208.48	0.01
06-09	06:45	1065.0	208.47	0.00
06-09	07:00	1080.0	208.52	0.05
06-09	07:15	1095.0	208.48	0.01
06-09	07:30	1110.0	208.47	0.00
06-09	07:45	1125.0	208.51	0.04
06-09	08:00	1140.0	208.48	0.01
06-09	08:15	1155.0	208.47	0.00
06-09	08:30	1170.0	208.46	-0.01
06-09	08:45	1185.0	208.43	-0.04
06-09	09:00	1200.0	208.48	0.01
06-09	09:15	1215.0	208.49	0.02
06-09	09:30	1230.0	208.49	0.02
06-09	09:45	1245.0	208.53	0.06
06-09	10:00	1260.0	208.48	0.01
06-09	10:15	1275.0	208.62	0.15

TABLE 10D-18. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL NO-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-09	10:30	1290.0	208.56	0.08
06-09	10:45	1305.0	208.57	0.10
06-09	11:00	1320.0	208.53	0.06
06-09	11:15	1335.0	208.62	0.15
06-09	11:30	1350.0	208.84	0.36
06-09	11:45	1365.0	208.64	0.16
06-09	12:00	1380.0	208.66	0.18
06-09	12:15	1395.0	208.51	0.03
06-09	12:30	1410.0	208.62	0.14
06-09	12:45	1425.0	208.51	0.03
06-09	13:00	1440.0	208.61	0.13
06-09	13:15	1455.0	208.67	0.19
06-09	13:30	1470.0	208.56	0.08
06-09	13:45	1485.0	208.57	0.09
06-09	14:00	1500.0	208.57	0.09
06-09	14:15	1515.0	208.64	0.15
06-09	14:30	1530.0	208.53	0.05
06-09	14:45	1545.0	208.49	0.01
06-09	15:00	1560.0	208.79	0.31
06-09	15:15	1575.0	208.61	0.13
06-09	15:30	1590.0	208.52	0.04
06-09	15:45	1605.0	208.56	0.07
06-09	16:00	1620.0	208.48	0.00
06-09	16:15	1635.0	208.56	0.07
06-09	16:30	1650.0	208.57	0.08
06-09	16:45	1665.0	208.53	0.04
06-09	17:00	1680.0	208.47	-0.02
06-09	17:15	1695.0	208.53	0.04
06-09	17:30	1710.0	208.52	0.03
06-09	17:45	1725.0	208.56	0.06
06-09	18:00	1740.0	208.57	0.08
06-09	18:15	1755.0	208.48	-0.02
06-09	18:30	1770.0	208.55	0.05
06-09	18:45	1785.0	208.51	0.00
06-09	19:00	1800.0	208.51	0.00
06-09	19:15	1815.0	208.52	0.01
06-09	19:30	1830.0	208.46	-0.05
06-09	19:45	1845.0	208.55	0.04
06-09	20:00	1860.0	208.57	0.06
06-09	20:15	1875.0	208.53	0.02
06-09	20:30	1890.0	208.51	-0.01
06-09	20:45	1905.0	208.51	-0.01
06-09	21:00	1920.0	208.57	0.05
06-09	21:15	1935.0	208.58	0.06
06-09	21:30	1950.0	208.46	-0.07
06-09	21:45	1965.0	208.49	-0.03
06-09	22:00	1980.0	208.62	0.09
06-09	22:15	1995.0	208.61	0.08
06-09	22:30	2010.0	208.56	0.03
06-09	22:45	2025.0	208.52	-0.01
06-09	23:00	2040.0	208.57	0.04
06-09	23:15	2055.0	208.64	0.10
06-09	23:30	2070.0	208.53	0.00
06-09	23:45	2085.0	208.64	0.10
06-10	00:00	2100.0	208.55	0.01
06-10	00:15	2115.0	208.56	0.02
06-10	00:30	2130.0	208.55	0.01
06-10	00:45	2145.0	208.57	0.03
06-10	01:00	2160.0	208.56	0.02
06-10	01:15	2175.0	208.57	0.03
06-10	01:30	2190.0	208.57	0.03
06-10	01:45	2205.0	208.51	-0.04
06-10	02:00	2220.0	208.56	0.01
06-10	02:15	2235.0	208.51	-0.04
06-10	02:30	2250.0	208.55	0.00
06-10	02:45	2265.0	208.55	0.00
06-10	03:00	2280.0	208.53	-0.02
06-10	03:15	2295.0	208.53	-0.02
06-10	03:30	2310.0	208.52	-0.03
06-10	03:45	2325.0	208.51	-0.04
06-10	04:00	2340.0	208.53	-0.02
06-10	04:15	2355.0	208.53	-0.02
06-10	04:30	2370.0	208.53	-0.02
06-10	04:45	2385.0	208.53	-0.02
06-10	05:00	2400.0	208.52	-0.04
06-10	05:15	2415.0	208.53	-0.02
06-10	05:30	2430.0	208.53	-0.02
06-10	05:45	2445.0	208.52	-0.04
06-10	06:00	2460.0	208.48	-0.08
06-10	06:15	2475.0	208.48	-0.08
06-10	06:30	2490.0	208.48	-0.08
06-10	06:45	2505.0	208.51	-0.05
06-10	07:00	2520.0	208.48	-0.08
06-10	07:15	2535.0	208.48	-0.08
06-10	07:30	2550.0	208.49	-0.06
06-10	07:45	2565.0	208.52	-0.04
06-10	08:00	2580.0	208.48	-0.08
06-10	08:15	2595.0	208.49	-0.06
06-10	08:30	2610.0	208.58	0.03
06-10	08:45	2625.0	208.64	0.08
06-10	09:00	2640.0	208.60	0.04
06-10	09:15	2655.0	208.57	0.01
06-10	09:30	2670.0	208.65	0.09
06-10	09:45	2685.0	208.60	0.04
06-10	10:00	2700.0	20 .58	0.02
06-10	10:15	2715.0	20 .56	0.00
06-10	10:30	2730.0	208.57	0.01
06-10	10:45	2745.0	208.53	-0.03
06-10	11:00	2760.0	208.58	0.02
06-10	11:15	2775.0	208.52	-0.04
06-10	11:30	2790.0	208.57	0.01
06-10	11:45	2805.0	208.55	-0.02
06-10	12:00	2820.0	208.56	-0.01
06-10	12:15	2835.0	208.56	-0.01
06-10	12:30	2850.0	208.58	0.02
06-10	12:45	2865.0	208.52	-0.05
06-10	13:00	2880.0	208.58	0.02
06-10	13:15	2895.0	208.53	-0.03

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)

TABLE 10D-19. AQUIFER-TEST DATA FOR OBSERVATION WELL MU-2.

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
06-06-94	21:25	-23	--	--	147.43	-0.03	--	--	--	--
06-07-94	08:42	-16	--	--	147.43	-0.06	--	--	--	--
	11:15	-15	--	--	147.47	-0.03	--	--	--	--
	14:40	-13	--	--	147.49	-0.02	--	--	--	--
	16:26	-12	--	--	147.49	-0.02	--	--	--	--
06-08-94	08:30	-27	--	--	147.55	-0.01	--	--	--	--
	08:56	TRANS = 2.778								
	10:35	TRANS = 2.958								
	11:14	-10	--	--	147.56	-0.01	--	--	--	--
	11:18	-10	--	--	147.55	-0.02	--	--	--	--
	13:00	PUMP ON IN WELL MP-9								
	13:21	21	--	--	147.55	-0.03	--	--	--	--
	13:41	41	--	--	147.55	-0.03	--	--	--	--
	14:20	80	--	--	147.55	-0.03	--	--	--	--
	15:20	140	--	--	147.50	-0.08	--	--	--	--
	16:35	215	--	--	147.50	-0.09	--	--	--	--
	17:13	TRANS = 3.074								
	17:15	RAISE TRANSDUCER 0.2'								
	17:19	TRANS = 2.727								
	18:00	300	--	--	147.52	-0.07	--	--	--	--
	18:39	339	--	--	147.52	-0.07	--	--	--	--
	19:31	391	--	--	147.52	-0.07	--	--	--	--
	20:32	452	--	--	147.53	-0.07	--	--	--	--
	21:25	505	--	--	147.55	-0.05	--	--	--	--
	22:32	572	--	--	147.57	-0.03	--	--	--	--
	23:42	642	--	--	147.57	-0.04	--	--	--	--
06-09-94	01:36	756	--	--	147.59	-0.02	--	--	--	--
	02:23	803	--	--	147.59	-0.02	--	--	--	--
	04:03	903	--	--	147.58	-0.04	--	--	--	--
	04:59	959	--	--	147.59	-0.03	--	--	--	--
	06:16	1036	--	--	147.59	-0.04	--	--	--	--
	06:52	1072	--	--	147.59	-0.04	--	--	--	--
	08:23	1163	--	--	147.61	-0.02	--	--	--	--
	09:15	1215	--	--	147.65	0.02	--	--	--	--
	10:20	1280	--	--	147.64	0.00	--	--	--	--
	11:09	1329	--	--	147.67	0.03	--	--	--	--
	12:08	1388	--	--	147.65	0.01	--	--	--	--
	13:00	PUMP OFF IN WELL MP-9								
	13:59	1499	--	--	147.64	-0.01	--	--	--	--
	14:52	1552	--	--	147.65	-0.00	--	--	--	--
	15:43	1603	--	--	147.66	0.01	--	--	--	--
	16:56	1676	--	--	147.65	-0.01	--	--	--	--
	17:37	1717	--	--	147.65	-0.01	--	--	--	--
	18:18	1758	--	--	147.65	-0.01	--	--	--	--

TABLE 10D-19. AQUIFER-TEST DATA FOR OBSERVATION WELL MW-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMPING STARTED (t,min)	TIME SINCE PUMPING STOPPED (t',min)	t/t'	WATER LEVEL (ft below MP)	CORRECTED DRAWDOWN (ft)	DISCHARGE (gpm)	WATER TEMPERATURE (deg C)	CONDUCTIVITY (umhos/cm @ 25 deg C)	pH (units)
	19:23	1823	--	--	147.65	-0.01	--	--	--	--
06-10-94	08:15	2595	--	--	147.69	-0.01	--	--	--	--
	08:46	TRANS = 2.688								
	09:13	2653	--	--	147.70	-0.00	--	--	--	--
	10:10	2710	--	--	147.70	-0.01	--	--	--	--
	11:10	2770	--	--	147.70	-0.01	--	--	--	--
	11:57	2817	--	--	147.70	-0.01	--	--	--	--
	12:57	2877	--	--	147.69	-0.02	--	--	--	--
	15:07	3007	--	--	147.68	-0.04	--	--	--	--

Note: Trend correction applied - trend correction = -0.07 ft/day.

TABLE 10D-20. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL MU-2.

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-07	12:00	-1500.0	147.60	0.10
06-07	12:15	-1485.0	147.60	0.10
06-07	12:30	-1470.0	147.60	0.10
06-07	12:45	-1455.0	147.59	0.08
06-07	13:00	-1440.0	147.59	0.08
06-07	13:15	-1425.0	147.63	0.12
06-07	13:30	-1410.0	147.63	0.12
06-07	13:45	-1395.0	147.61	0.11
06-07	14:00	-1380.0	147.57	0.07
06-07	14:15	-1365.0	147.60	0.09
06-07	14:30	-1350.0	147.60	0.09
06-07	14:45	-1335.0	147.61	0.10
06-07	15:00	-1320.0	147.60	0.09
06-07	15:15	-1305.0	147.61	0.10
06-07	15:30	-1290.0	147.60	0.09
06-07	15:45	-1275.0	147.61	0.10
06-07	16:00	-1260.0	147.61	0.10
06-07	16:15	-1245.0	147.61	0.10
06-07	16:30	-1230.0	147.61	0.10
06-07	16:45	-1215.0	147.60	0.08
06-07	17:00	-1200.0	147.59	0.07
06-07	17:15	-1185.0	147.59	0.07
06-07	17:30	-1170.0	147.59	0.07
06-07	17:45	-1155.0	147.59	0.07
06-07	18:00	-1140.0	147.59	0.07
06-07	18:15	-1125.0	147.60	0.08
06-07	18:30	-1110.0	147.60	0.08
06-07	18:45	-1095.0	147.59	0.06
06-07	19:00	-1080.0	147.59	0.06
06-07	19:15	-1065.0	147.57	0.05
06-07	19:30	-1050.0	147.58	0.04
06-07	19:45	-1035.0	147.58	0.04
06-07	20:00	-1020.0	147.53	0.01
06-07	20:15	-1005.0	147.50	-0.03
06-07	20:30	-990.0	147.51	-0.02
06-07	20:45	-975.0	147.52	-0.01
06-07	21:00	-960.0	147.54	0.01
06-07	21:15	-945.0	147.55	0.02
06-07	21:30	-930.0	147.54	0.01
06-07	21:45	-915.0	147.54	0.00
06-07	22:00	-900.0	147.52	-0.01
06-07	22:15	-885.0	147.52	-0.01
06-07	22:30	-870.0	147.52	-0.01
06-07	22:45	-855.0	147.52	-0.01
06-07	23:00	-840.0	147.52	-0.01
06-07	23:15	-825.0	147.52	-0.01
06-07	23:30	-810.0	147.54	0.00
06-07	23:45	-795.0	147.52	-0.01
06-08	00:00	-780.0	147.52	-0.01
06-08	00:15	-765.0	147.52	-0.02
06-08	00:30	-750.0	147.51	-0.03
06-08	00:45	-735.0	147.52	-0.02
06-08	01:00	-720.0	147.52	-0.02
06-08	01:15	-705.0	147.52	-0.02
06-08	01:30	-690.0	147.54	-0.01
06-08	01:45	-675.0	147.54	-0.01
06-08	02:00	-660.0	147.53	-0.01
06-08	02:15	-645.0	147.54	-0.01
06-08	02:30	-630.0	147.54	-0.01
06-08	02:45	-615.0	147.54	-0.01
06-08	03:00	-600.0	147.54	-0.01
06-08	03:15	-585.0	147.53	-0.01
06-08	03:30	-570.0	147.54	-0.01
06-08	03:45	-555.0	147.55	0.00
06-08	04:00	-540.0	147.54	-0.01
06-08	04:15	-525.0	147.53	-0.01
06-08	04:30	-510.0	147.55	0.00
06-08	04:45	-495.0	147.55	0.00
06-08	05:00	-480.0	147.55	0.00
06-08	05:15	-465.0	147.56	0.01
06-08	05:30	-450.0	147.55	0.00
06-08	05:45	-435.0	147.55	-0.01
06-08	06:00	-420.0	147.54	-0.02
06-08	06:15	-405.0	147.54	-0.02
06-08	06:30	-390.0	147.54	-0.02
06-08	06:45	-375.0	147.53	-0.02
06-08	07:00	-360.0	147.54	-0.02
06-08	07:15	-345.0	147.54	-0.02
06-08	07:30	-330.0	147.55	-0.01
06-08	07:45	-315.0	147.55	-0.01
06-08	08:00	-300.0	147.57	0.01
06-08	08:15	-285.0	147.59	0.03
06-08	08:30	-270.0	147.57	0.01
06-08	08:45	-255.0	147.56	0.00
06-08	09:00	-240.0	147.55	-0.02
06-08	09:15	-225.0	147.55	-0.02
06-08	09:30	-210.0	147.56	0.00
06-08	09:45	-195.0	147.56	-0.01
06-08	10:00	-180.0	147.54	-0.03
06-08	10:15	-165.0	147.56	-0.01
06-08	10:30	-150.0	147.55	-0.02
06-08	11:00	-120.0	147.56	-0.01
06-08	11:15	-105.0	147.56	-0.01
06-08	11:30	-90.0	147.56	-0.01
06-08	11:45	-75.0	147.57	0.00
06-08	12:00	-60.0	147.55	-0.02
06-08	12:15	-45.0	147.56	-0.01
06-08	12:30	-30.0	147.55	-0.03
06-08	12:40	-20.0	147.55	-0.03
06-08	12:41	-19.0	147.55	-0.03
06-08	12:42	-18.0	147.55	-0.03
06-08	12:43	-17.0	147.55	-0.03
06-08	12:44	-16.0	147.56	-0.01
06-08	12:45	-15.0	147.55	-0.03
06-08	12:46	-14.0	147.56	-0.01
06-08	12:47	-13.0	147.56	-0.01
06-08	12:48	-12.0	147.56	-0.01
06-08	12:49	-11.0	147.55	-0.03
06-08	12:50	-10.0	147.55	-0.03
06-08	12:51	-9.0	147.55	-0.03
06-08	12:52	-8.0	147.55	-0.03
06-08	12:53	-7.0	147.56	-0.01
06-08	12:54	-6.0	147.55	-0.03
06-08	12:55	-5.0	147.55	-0.03
06-08	12:56	-4.0	147.56	-0.01
06-08	12:57	-3.0	147.56	-0.01
06-08	12:58	-2.0	147.56	-0.01
06-08	12:59	-1.0	147.56	-0.01
06-08	13:00	0.0	147.56	-0.01
06-08	13:01	1.0	147.56	-0.01
06-08	13:02	2.0	147.56	-0.01
06-08	13:03	3.0	147.55	-0.03
06-08	13:04	4.0	147.55	-0.03
06-08	13:05	5.0	147.55	-0.03
06-08	13:06	6.0	147.56	-0.02
06-08	13:07	7.0	147.56	-0.02
06-08	13:08	8.0	147.56	-0.02
06-08	13:09	9.0	147.56	-0.02
06-08	13:10	10.0	147.56	-0.02
06-08	13:11	11.0	147.55	-0.03
06-08	13:12	12.0	147.55	-0.03
06-08	13:13	13.0	147.55	-0.03
06-08	13:14	14.0	147.55	-0.03
06-08	13:15	15.0	147.55	-0.03
06-08	13:16	16.0	147.55	-0.03
06-08	13:17	17.0	147.56	-0.02
06-08	13:18	18.0	147.55	-0.03
06-08	13:19	19.0	147.61	0.04
06-08	13:20	20.0	147.56	-0.02
06-08	13:21	21.0	147.55	-0.03
06-08	13:22	22.0	147.54	-0.04
06-08	13:23	23.0	147.54	-0.04
06-08	13:24	24.0	147.53	-0.04
06-08	13:25	25.0	147.54	-0.04
06-08	13:26	26.0	147.54	-0.04
06-08	13:27	27.0	147.54	-0.04
06-08	13:28	28.0	147.54	-0.04
06-08	13:29	29.0	147.53	-0.04
06-08	13:30	30.0	147.54	-0.04
06-08	13:31	31.0	147.54	-0.04
06-08	13:32	32.0	147.54	-0.04
06-08	13:33	33.0	147.54	-0.04
06-08	13:34	34.0	147.53	-0.04
06-08	13:35	35.0	147.54	-0.04
06-08	13:36	36.0	147.54	-0.04
06-08	13:37	37.0	147.54	-0.04
06-08	13:38	38.0	147.54	-0.04
06-08	13:39	39.0	147.53	-0.04
06-08	13:40	40.0	147.53	-0.04
06-08	13:41	41.0	147.54	-0.04
06-08	13:42	42.0	147.54	-0.04
06-08	13:43	43.0	147.54	-0.04
06-08	13:44	44.0	147.54	-0.04
06-08	13:45	45.0	147.53	-0.04
06-08	13:46	46.0	147.52	-0.06
06-08	13:47	47.0	147.52	-0.06
06-08	13:48	48.0	147.52	-0.06
06-08	13:49	49.0	147.52	-0.06
06-08	13:50	50.0	147.52	-0.06
06-08	13:51	51.0	147.53	-0.04
06-08	13:52	52.0	147.52	-0.06
06-08	13:53	53.0	147.52	-0.06
06-08	13:54	54.0	147.52	-0.06
06-08	13:55	55.0	147.52	-0.06
06-08	13:56	56.0	147.52	-0.06
06-08	13:57	57.0	147.52	-0.06
06-08	13:58	58.0	147.52	-0.06
06-08	13:59	59.0	147.54	-0.04
06-08	14:00	60.0	147.52	-0.06
06-08	14:01	61.0	147.52	-0.06
06-08	14:02	62.0	147.52	-0.06
06-08	14:03	63.0	147.52	-0.06
06-08	14:04	64.0	147.52	-0.06
06-08	14:05	65.0	147.52	-0.06
06-08	14:06	66.0	147.52	-0.06
06-08	14:07	67.0	147.52	-0.06
06-08	14:08	68.0	147.52	-0.06
06-08	14:09	69.0	147.52	-0.06
06-08	14:10	70.0	147.51	-0.07
06-08	14:11	71.0	147.52	-0.06
06-08	14:12	72.0	147.52	-0.06
06-08	14:13	73.0	147.51	-0.07
06-08	14:14	74.0	147.51	-0.07
06-08	14:15	75.0	147.52	-0.06
06-08	14:16	76.0	147.51	-0.07
06-08	14:17	77.0	147.51	-0.07
06-08	14:18	78.0	147.51	-0.07
06-08	14:19	79.0	147.51	-0.07
06-08	14:20	80.0	147.51	-0.07
06-08	14:21	81.0	147.51	-0.07
06-08	14:22	82.0	147.51	-0.07
06-08	14:23	83.0	147.51	-0.07
06-08	14:24	84.0	147.51	-0.07
06-08	14:25	85.0	147.50	-0.08
06-08	14:26	86.0	147.51	-0.07
06-08	14:27	87.0	147.50	-0.08
06-08	14:28	88.0	147.51	-0.07
06-08	14:29	89.0	147.51	-0.07
06-08	14:30	90.0	147.51	-0.07
06-08	14:31	91.0	147.50	-0.08

TABLE 10D-20. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL MU-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-08	14:32	92.0	147.50	-0.08
06-08	14:33	93.0	147.51	-0.07
06-08	14:34	94.0	147.50	-0.08
06-08	14:35	95.0	147.51	-0.07
06-08	14:36	96.0	147.50	-0.08
06-08	14:37	97.0	147.51	-0.07
06-08	14:38	98.0	147.50	-0.08
06-08	14:39	99.0	147.50	-0.08
06-08	14:40	100.0	147.48	-0.10
06-08	14:41	101.0	147.50	-0.08
06-08	14:42	102.0	147.50	-0.08
06-08	14:43	103.0	147.50	-0.08
06-08	14:44	104.0	147.50	-0.08
06-08	14:45	105.0	147.48	-0.10
06-08	14:46	106.0	147.48	-0.10
06-08	14:47	107.0	147.48	-0.10
06-08	14:48	108.0	147.50	-0.08
06-08	14:49	109.0	147.48	-0.10
06-08	14:50	110.0	147.48	-0.10
06-08	14:51	111.0	147.48	-0.10
06-08	14:52	112.0	147.48	-0.10
06-08	14:53	113.0	147.48	-0.10
06-08	14:54	114.0	147.47	-0.11
06-08	14:55	115.0	147.47	-0.11
06-08	14:56	116.0	147.47	-0.11
06-08	14:57	117.0	147.48	-0.10
06-08	14:58	118.0	147.48	-0.10
06-08	14:59	119.0	147.47	-0.11
06-08	15:00	120.0	147.48	-0.10
06-08	15:01	121.0	147.47	-0.11
06-08	15:02	122.0	147.48	-0.10
06-08	15:03	123.0	147.48	-0.10
06-08	15:04	124.0	147.48	-0.10
06-08	15:05	125.0	147.48	-0.10
06-08	15:06	126.0	147.47	-0.11
06-08	15:07	127.0	147.47	-0.11
06-08	15:08	128.0	147.47	-0.11
06-08	15:09	129.0	147.47	-0.11
06-08	15:10	130.0	147.47	-0.11
06-08	15:11	131.0	147.47	-0.11
06-08	15:12	132.0	147.47	-0.11
06-08	15:13	133.0	147.48	-0.10
06-08	15:14	134.0	147.47	-0.11
06-08	15:15	135.0	147.47	-0.11
06-08	15:16	136.0	147.47	-0.11
06-08	15:17	137.0	147.47	-0.11
06-08	15:18	138.0	147.47	-0.11
06-08	15:19	139.0	147.47	-0.11
06-08	15:20	140.0	147.47	-0.11
06-08	15:21	141.0	147.47	-0.11
06-08	15:22	142.0	147.47	-0.11
06-08	15:23	143.0	147.47	-0.11
06-08	15:24	144.0	147.47	-0.11
06-08	15:25	145.0	147.47	-0.11
06-08	15:26	146.0	147.47	-0.11
06-08	15:27	147.0	147.46	-0.12
06-08	15:28	148.0	147.47	-0.11
06-08	15:29	149.0	147.47	-0.11
06-08	15:30	150.0	147.47	-0.11
06-08	15:31	151.0	147.46	-0.12
06-08	15:32	152.0	147.46	-0.12
06-08	15:33	153.0	147.46	-0.12
06-08	15:34	154.0	147.46	-0.12
06-08	15:35	155.0	147.47	-0.11
06-08	15:36	156.0	147.47	-0.11
06-08	15:37	157.0	147.47	-0.11
06-08	15:38	158.0	147.46	-0.12
06-08	15:39	159.0	147.46	-0.12
06-08	15:40	160.0	147.46	-0.12
06-08	15:41	161.0	147.46	-0.12
06-08	15:42	162.0	147.46	-0.12
06-08	15:43	163.0	147.46	-0.12
06-08	15:44	164.0	147.44	-0.14
06-08	15:45	165.0	147.44	-0.14
06-08	15:46	166.0	147.44	-0.14
06-08	15:47	167.0	147.44	-0.14
06-08	15:48	168.0	147.44	-0.14
06-08	15:49	169.0	147.46	-0.13
06-08	15:50	170.0	147.44	-0.14
06-08	15:51	171.0	147.44	-0.14
06-08	15:52	172.0	147.44	-0.14
06-08	15:53	173.0	147.44	-0.14
06-08	15:54	174.0	147.44	-0.14
06-08	15:55	175.0	147.44	-0.14
06-08	15:56	176.0	147.44	-0.14
06-08	15:57	177.0	147.43	-0.15
06-08	15:58	178.0	147.43	-0.15
06-08	15:59	179.0	147.43	-0.15
06-08	16:00	180.0	147.43	-0.15
06-08	16:01	181.0	147.44	-0.14
06-08	16:02	182.0	147.44	-0.14
06-08	16:03	183.0	147.44	-0.14
06-08	16:04	184.0	147.44	-0.14
06-08	16:05	185.0	147.44	-0.14
06-08	16:06	186.0	147.44	-0.14
06-08	16:07	187.0	147.44	-0.14
06-08	16:08	188.0	147.44	-0.14
06-08	16:09	189.0	147.44	-0.14
06-08	16:10	190.0	147.43	-0.15
06-08	16:11	191.0	147.43	-0.15
06-08	16:12	192.0	147.43	-0.15
06-08	16:13	193.0	147.43	-0.15
06-08	16:14	194.0	147.43	-0.15
06-08	16:15	195.0	147.43	-0.15
06-08	16:16	196.0	147.42	-0.17
06-08	16:17	197.0	147.42	-0.17
06-08	16:18	198.0	147.43	-0.15
06-08	16:19	199.0	147.42	-0.17
06-08	16:20	200.0	147.42	-0.17
06-08	16:21	201.0	147.42	-0.17
06-08	16:22	202.0	147.42	-0.17
06-08	16:23	203.0	147.42	-0.17
06-08	16:24	204.0	147.42	-0.17
06-08	16:25	205.0	147.43	-0.15
06-08	16:26	206.0	147.44	-0.14
06-08	16:27	207.0	147.43	-0.15
06-08	16:28	208.0	147.43	-0.15
06-08	16:29	209.0	147.44	-0.14
06-08	16:30	210.0	147.44	-0.14
06-08	16:31	211.0	147.44	-0.14
06-08	16:32	212.0	147.44	-0.14
06-08	16:33	213.0	147.44	-0.14
06-08	16:34	214.0	147.44	-0.14
06-08	16:35	215.0	147.44	-0.14
06-08	16:36	216.0	147.44	-0.14
06-08	16:37	217.0	147.43	-0.15
06-08	16:38	218.0	147.43	-0.15
06-08	16:39	219.0	147.44	-0.14
06-08	16:40	220.0	147.44	-0.14
06-08	16:41	221.0	147.43	-0.15
06-08	16:42	222.0	147.43	-0.15
06-08	16:43	223.0	147.43	-0.15
06-08	16:44	224.0	147.43	-0.15
06-08	16:45	225.0	147.43	-0.15
06-08	16:46	226.0	147.43	-0.15
06-08	16:47	227.0	147.43	-0.15
06-08	16:48	228.0	147.43	-0.15
06-08	16:49	229.0	147.43	-0.15
06-08	16:50	230.0	147.43	-0.15
06-08	16:51	231.0	147.43	-0.15
06-08	16:52	232.0	147.43	-0.15
06-08	16:53	233.0	147.43	-0.15
06-08	16:54	234.0	147.43	-0.15
06-08	16:55	235.0	147.43	-0.15
06-08	16:56	236.0	147.43	-0.15
06-08	16:57	237.0	147.43	-0.15
06-08	16:58	238.0	147.43	-0.15
06-08	16:59	239.0	147.43	-0.15
06-08	17:00	240.0	147.43	-0.15
06-08	17:30	270.0	147.58	0.00
06-08	17:45	285.0	147.60	0.01
06-08	18:00	300.0	147.58	-0.01
06-08	18:15	315.0	147.56	-0.03
06-08	18:30	330.0	147.56	-0.03
06-08	18:45	345.0	147.56	-0.03
06-08	19:00	360.0	147.56	-0.03
06-08	19:15	375.0	147.56	-0.04
06-08	19:30	390.0	147.56	-0.04
06-08	19:45	405.0	147.54	-0.05
06-08	20:00	420.0	147.53	-0.06
06-08	20:15	435.0	147.54	-0.05
06-08	20:30	450.0	147.54	-0.05
06-08	20:45	465.0	147.53	-0.07
06-08	21:00	480.0	147.53	-0.07
06-08	21:15	495.0	147.53	-0.07
06-08	21:30	510.0	147.53	-0.07
06-08	21:45	525.0	147.53	-0.07
06-08	22:00	540.0	147.52	-0.08
06-08	22:15	555.0	147.53	-0.07
06-08	22:30	570.0	147.53	-0.07
06-08	22:45	585.0	147.53	-0.07
06-08	23:00	600.0	147.54	-0.06
06-08	23:15	615.0	147.54	-0.06
06-08	23:30	630.0	147.54	-0.06
06-08	23:45	645.0	147.54	-0.06
06-09	00:00	660.0	147.54	-0.06
06-09	00:15	675.0	147.56	-0.05
06-09	00:30	690.0	147.56	-0.05
06-09	00:45	705.0	147.56	-0.05
06-09	01:00	720.0	147.57	-0.04
06-09	01:15	735.0	147.58	-0.03
06-09	01:30	750.0	147.58	-0.03
06-09	01:45	765.0	147.58	-0.03
06-09	02:00	780.0	147.58	-0.03
06-09	02:15	795.0	147.57	-0.04
06-09	02:30	810.0	147.58	-0.03
06-09	02:45	825.0	147.57	-0.04
06-09	03:00	840.0	147.57	-0.04
06-09	03:15	855.0	147.58	-0.03
06-09	03:30	870.0	147.58	-0.03
06-09	03:45	885.0	147.58	-0.03
06-09	04:00	900.0	147.58	-0.04
06-09	04:15	915.0	147.60	-0.02
06-09	04:30	930.0	147.58	-0.04
06-09	04:45	945.0	147.58	-0.04
06-09	05:00	960.0	147.58	-0.04
06-09	05:15	975.0	147.58	-0.04
06-09	05:30	990.0	147.58	-0.04
06-09	05:45	1005.0	147.58	-0.04
06-09	06:00	1020.0	147.58	-0.04
06-09	06:15	1035.0	147.58	-0.04
06-09	06:30	1050.0	147.58	-0.04
06-09	06:45	1065.0	147.58	-0.04
06-09	07:00	1080.0	147.60	-0.03
06-09	07:15	1095.0	147.60	-0.03
06-09	07:30	1110.0	147.60	-0.03
06-09	07:45	1125.0	147.58	-0.05
06-09	08:00	1140.0	147.57	-0.06
06-09	08:15	1155.0	147.54	-0.09
06-09	08:30	1170.0	147.53	-0.10

TABLE 10D-2B. CORRECTED TRANSDUCER DATA FOR OBSERVATION WELL NU-2, (CONTINUED).

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)
06-09	08:45	1185.0	147.54	-0.09
06-09	09:00	1200.0	147.54	-0.09
06-09	09:15	1215.0	147.54	-0.09
06-09	09:30	1230.0	147.56	-0.08
06-09	09:45	1245.0	147.56	-0.08
06-09	10:00	1260.0	147.56	-0.08
06-09	10:15	1275.0	147.57	-0.07
06-09	10:30	1290.0	147.56	-0.08
06-09	10:45	1305.0	147.57	-0.07
06-09	11:00	1320.0	147.57	-0.07
06-09	11:15	1335.0	147.57	-0.07
06-09	11:30	1350.0	147.57	-0.07
06-09	11:45	1365.0	147.58	-0.06
06-09	12:00	1380.0	147.58	-0.06
06-09	12:15	1395.0	147.58	-0.06
06-09	12:30	1410.0	147.58	-0.06
06-09	12:45	1425.0	147.60	-0.05
06-09	13:00	1440.0	147.60	-0.05
06-09	13:15	1455.0	147.60	-0.05
06-09	13:30	1470.0	147.61	-0.04
06-09	13:45	1485.0	147.61	-0.04
06-09	14:00	1500.0	147.62	-0.03
06-09	14:15	1515.0	147.63	-0.01
06-09	14:30	1530.0	147.63	-0.01
06-09	14:45	1545.0	147.65	0.00
06-09	15:00	1560.0	147.65	0.00
06-09	15:15	1575.0	147.66	0.01
06-09	15:30	1590.0	147.66	0.01
06-09	15:45	1605.0	147.66	0.01
06-09	16:00	1620.0	147.66	0.01
06-09	16:15	1635.0	147.67	0.02
06-09	16:30	1650.0	147.66	0.01
06-09	16:45	1665.0	147.66	0.01
06-09	17:00	1680.0	147.66	0.00
06-09	17:15	1695.0	147.66	0.00
06-09	17:30	1710.0	147.66	0.00
06-09	17:45	1725.0	147.65	-0.01
06-09	18:00	1740.0	147.65	-0.01
06-09	18:15	1755.0	147.65	-0.01
06-09	18:30	1770.0	147.65	-0.01
06-09	18:45	1785.0	147.63	-0.03
06-09	19:00	1800.0	147.63	-0.03
06-09	19:15	1815.0	147.63	-0.03
06-09	19:30	1830.0	147.63	-0.03
06-09	19:45	1845.0	147.63	-0.03
06-09	20:00	1860.0	147.65	-0.02
06-09	20:15	1875.0	147.62	-0.04
06-09	20:30	1890.0	147.62	-0.04
06-09	20:45	1905.0	147.63	-0.03
06-09	21:00	1920.0	147.62	-0.05
06-09	21:15	1935.0	147.62	-0.05
06-09	21:30	1950.0	147.61	-0.06
06-09	21:45	1965.0	147.61	-0.06
06-09	22:00	1980.0	147.61	-0.06
06-09	22:15	1995.0	147.61	-0.06
06-09	22:30	2010.0	147.61	-0.06
06-09	22:45	2025.0	147.61	-0.06
06-09	23:00	2040.0	147.61	-0.06
06-09	23:15	2055.0	147.61	-0.07
06-09	23:30	2070.0	147.61	-0.07
06-09	23:45	2085.0	147.61	-0.07
06-10	00:00	2100.0	147.61	-0.07
06-10	00:15	2115.0	147.61	-0.07
06-10	00:30	2130.0	147.61	-0.07
06-10	00:45	2145.0	147.61	-0.07
06-10	01:00	2160.0	147.62	-0.06
06-10	01:15	2175.0	147.62	-0.06
06-10	01:30	2190.0	147.62	-0.06
06-10	01:45	2205.0	147.62	-0.06
06-10	02:00	2220.0	147.62	-0.06
06-10	02:15	2235.0	147.62	-0.06
06-10	02:30	2250.0	147.62	-0.06
06-10	02:45	2265.0	147.62	-0.06
06-10	03:00	2280.0	147.62	-0.06
06-10	03:15	2295.0	147.62	-0.06
06-10	03:30	2310.0	147.63	-0.05
06-10	03:45	2325.0	147.62	-0.07
06-10	04:00	2340.0	147.63	-0.05
06-10	04:15	2355.0	147.63	-0.05
06-10	04:30	2370.0	147.63	-0.06
06-10	04:45	2385.0	147.63	-0.06
06-10	05:00	2400.0	147.63	-0.06
06-10	05:15	2415.0	147.63	-0.06
06-10	05:30	2430.0	147.63	-0.06
06-10	05:45	2445.0	147.63	-0.06
06-10	06:00	2460.0	147.63	-0.06
06-10	06:15	2475.0	147.63	-0.06
06-10	06:30	2490.0	147.63	-0.06
06-10	06:45	2505.0	147.63	-0.06
06-10	07:00	2520.0	147.63	-0.06
06-10	07:15	2535.0	147.63	-0.06
06-10	07:30	2550.0	147.63	-0.06
06-10	07:45	2565.0	147.65	-0.04
06-10	08:00	2580.0	147.65	-0.05
06-10	08:15	2595.0	147.63	-0.07
06-10	08:30	2610.0	147.65	-0.05
06-10	08:45	2625.0	147.65	-0.05
06-10	09:00	2640.0	147.66	-0.04
06-10	09:15	2655.0	147.65	-0.06
06-10	09:30	2670.0	147.66	-0.04
06-10	09:45	2685.0	147.66	-0.04
06-10	10:00	2700.0	147.66	-0.05
06-10	10:15	2715.0	147.67	-0.03
06-10	10:30	2730.0	147.67	-0.03
06-10	10:45	2745.0	147.67	-0.04
06-10	11:00	2760.0	147.67	-0.04
06-10	11:15	2775.0	147.69	-0.02
06-10	11:30	2790.0	147.69	-0.02
06-10	11:45	2805.0	147.69	-0.03
06-10	12:00	2820.0	147.70	-0.01
06-10	12:15	2835.0	147.70	-0.01
06-10	12:30	2850.0	147.70	-0.01
06-10	12:45	2865.0	147.70	-0.02
06-10	13:00	2880.0	147.71	0.00
06-10	13:15	2895.0	147.70	-0.02
06-10	13:30	2910.0	147.71	0.00

DATE	TIME	TIME SINCE PUMP START (minutes)	WATER LEVEL (ft-mp)	DRAW-DOWN (ft)

TABLE 10D-21. DIRECTIONAL TRANSMISSIVITY FROM WELLS MP-2, RI-46, AND RI-47.

EFNI MP-9 TEST

WELL (no)	WELL NAME	TIME (MIN.)	s (ft)	X (ft)	Y (ft)	EASTING (ft)	NORTHING (ft)
1	""MP-9 "	.00	.00	.0	.0	371300.0	1095200.0
2	""MP-2 "	14.00	5.30	-90.1	.0	371210.0	1095195.0
4	""RI-46 "	15.00	4.60	-21.3	103.3	371273.0	1095302.0
5	""RI-47 "	32.00	3.80	-45.5	207.8	371243.0	1095405.0

=>DISCHARGE	= 15.50 gpm
=>TRANSMISSIVITY OF THE PRINCIPLE AXIS	= 522. gal/day/f
=>TRANSMISSIVITY OF THE SECONDARY AXIS	= -307. gal/day/f
=>STORAGE COEFFICIENT	=.3790E-02
=>ORENTATION OF TEE FROM THE X AXIS,POS=COUNTER CLOCKWISE	= -36.2 degrees
=>ORIGINAL THETA	= -39.4 degrees

TABLE 10D-22. DIRECTIONAL TRANSMISSIVITY FROM WELL RI-45, RI-46, AND RI-47.

EFNI MP-9 TEST

WELL (no)	WELL NAME	TIME (MIN.)	s (ft)	X (ft)	Y (ft)	EASTING (ft)	NORTHING (ft)
1	"MP-9 "	.00	.00	.0	.0	371300.0	1095200.0
3	"RI-45 "	10.00	4.10	-179.0	.0	371121.0	1095199.0
4	"RI-46 "	15.00	4.60	-26.4	102.1	371273.0	1095302.0
5	"RI-47 "	32.00	3.80	-55.9	205.3	371243.0	1095405.0

=>DISCHARGE	= 15.50 gpm
=>TRANSMISSIVITY OF THE PRINCIPLE AXIS	= 575. gal/day/
=>TRANSMISSIVITY OF THE SECONDARY AXIS	= -322. gal/day/
=>STORAGE COEFFICIENT	=.4073E-02
=>ORENTATION OF TEE FROM THE X AXIS,POS=COUNTER CLOCKWISE	= -36.9 degrees
=>ORIGINAL THETA	= -37.2 degrees

TABLE 10D-23. DIRECTIONAL TRANSMISSIVITY FROM WELLS MP-2, RI-45, AND RI-46.

EFNI MP-9 TEST

WELL (no)	WELL NAME	TIME (MIN.)	s (ft)	X (ft)	Y (ft)	EASTING (ft)	NORTHING (ft)
1	""MP-9 "	.00	.00	.0	.0	371300.0	1095200.0
2	""MP-2 "	14.00	5.30	-90.1	.0	371210.0	1095195.0
3	""RI-45 "	10.00	4.10	-178.8	8.9	371121.0	1095199.0
4	""RI-46 "	15.00	4.60	-21.3	103.3	371273.0	1095302.0

=>DISCHARGE	= 15.50 gpm
=>TRANSMISSIVITY OF THE PRINCIPLE AXIS	= 532. gal/day/
=>TRANSMISSIVITY OF THE SECONDARY AXIS	= -282. gal/day/
=>STORAGE COEFFICIENT	=.1991E-02
=>ORENTATION OF TEE FROM THE X AXIS,POS=COUNTER CLOCKWISE	= -36.4 degrees
=>ORIGINAL THETA	= -39.6 degrees

TABLE 10D-24. DIRECTIONAL TRANSMISSIVITY FROM WELLS MP-2, RI-45, AND RI-47.

EFNI MP-9 TEST

WELL (no)	WELL NAME	TIME (MIN.)	s (ft)	X (ft)	Y (ft)	EASTING (ft)	NORTHING (ft)
1	""MP-9 "	.00	.00	.0	.0	371300.0	1095200.0
2	""MP-2 "	14.00	5.30	-90.1	.0	371210.0	1095195.0
3	""RI-45 "	10.00	4.10	-178.8	8.9	371121.0	1095199.0
5	""RI-47 "	32.00	3.80	-45.5	207.8	371243.0	1095405.0

=>DISCHARGE	= 15.50 gpm
=>TRANSMISSIVITY OF THE PRINCIPLE AXIS	= 565. gal/day/
=>TRANSMISSIVITY OF THE SECONDARY AXIS	= -306. gal/day/
=>STORAGE COEFFICIENT	=.2141E-02
=>ORENTATION OF TEE FROM THE X AXIS,POS=COUNTER CLOCKWISE	= -36.7 degrees
=>ORIGINAL THETA	= -39.8 degrees