LIB.

T.W.D.B. Injection Wells

TEXAS
WATER
DEVELOPMENT
BOARD

Report 98

COMPILATION OF RESULTS OF AQUIFER TESTS IN TEXAS

JULY 1969

TEXAS WATER DEVELOPMENT BOARD

REPORT 98

COMPILATION OF RESULTS OF AQUIFER TESTS IN TEXAS

By

B. N. Myers
United States Geological Survey

Prepared by the U.S. Geological Survey
in cooperation with the
Texas Water Development Board

July 1969

TEXAS WATER DEVELOPMENT BOARD

Published and distributed
by the
Texas Water Development Board
Post Office Box 12386
Austin, Texas 78711

TABLE OF CONTENTS

TABLE

FIGURES

COMPILATION OF RESULTS OF AQUIFER TESTS IN TEXAS

INTRODUCTION

Since the beginning of ground-water investigations in Texas, the U.S. Geological Survey, the Texas Water Development Board, and other agencies have collected data on hundreds of aquifer tests within the State. Although the results of many of these tests are included in published reports, most of the data on which the results are based are not readily available. The purpose of this report is to present a compilation of the available data and to provide a reference to the hydraulic characteristics of the various aquifers in Texas.

The results of the tests included in this report have been evaluated by the author. Some of the tests were conducted with little or no prior knowledge of the geologic framework of the aquifer; consequently, the reliability of such tests was questionable. However, on the basis of additional field testing or supporting geologic data, a few of the initially calculated results (some of which have been published) were revised. The form in which the material is presented is probably complete enough to permit the user of the data to reevaluate the results or make other interpretations.

Since 1936, a mass of data that can be used in estimating transmissibility from one drawdown measurement has been collected on wells on the South High Plains. These data and the estimated transmissibilities are given in Table 1. The transmissibilities are at best only good estimates and should be used with caution, particularly those values that were determined from tests made prior to the early 1950's. Since then, water levels have declined substantially in a large part of the High Plains, resulting in a decrease in the saturated thickness of the aquifer and a concomitant decrease in the transmissibility.

With few exceptions, the data published in this report were collected by personnel of the U.S. Geological Survey and the Texas Water Development Board. Data furnished by individuals and companies are gratefully acknowledged.

A map showing the locations of wells, although desirable, is not included because of the volume of data and because of the uncertainty of some locations. However, the data are grouped by county and where possible the latitude and longitude of the well are given on the graph.

EXPLANATION OF DATA ON GRAPHS

The latitude and longitude of wells in which aquifer tests were made were determined from locations on U.S. Geological Survey 7½- and 15-minute topographic maps, where coverage was available. Where coverage was not available, latitude and longitude were determined from locations on U.S. Army Map Service maps or Texas Highway Department maps.

The date shown is the date the test was started.

The aquifer is the name of the geologic unit or hydrologic unit from which the well produces water.

The pre-test water level is the depth to water, in feet, immediately preceding the test. On drawdown tests, it is the static water level, and on recovery tests, it is the last measured water level before the pump is shut off. The discharge is given in gallons per minute.

The specific capacity, a measure of well performance, is the rate of yield per unit drawdown, expressed as gallons per minute per foot of drawdown.

The depth of the well is the bottom-hole depth, in feet, at the time the test was run.

The aquifer thickness is the distance, in feet, from the top of the strata where water is encountered to the base of the fresh water in the aquifer. In many tests, only enough of the aquifer is penetrated to supply the required amount of water, and the full thickness is not known.

Total screened footage is the number of feet of screens or perforations that are open to the aquifer. The screen may be continuous or may be separated by unperforated pipe.

Interval is the depths, in feet, to the top of the top screen and to the bottom of the lowest screen. In wells that penetrate the full thickness of the aquifer, the

screened interval usually represents all the water-bearing strata in the aquifer.

The following items are defined in the next column under the heading "Hydraulic Properties of an Aquifer":

coefficient of transmissibility (T),
coefficient of storage (S), and
field coefficient of permeability (P).

The types of well logs that are available (electrical, gamma ray, drillers', etc.) are listed after the item "logs."

A "yes" or "no" after chemical analysis denotes whether the water from the well has been chemically analyzed. If an analysis is available, it can usually be obtained from the U.S. Geological Survey or the Texas Water Development Board.

The item "Remarks" gives other information about the test.

Additional information on wells tested may be found in county or area publications of the Texas Water Development Board, in the Water-Supply Paper series of the U.S. Geological Survey, or in the files of these agencies.

WELL-NUMBERING SYSTEM

The well-numbering system used in this report, except for wells listed in Table 1, is the one adopted by the Texas Water Development Board for use throughout the State. Under this system, which is based upon the divisions of latitude and longitude, each 1-degree quadrangle in the State is given a number consisting of two digits, from 01 to 89. These are the first two digits in the well number.

Each 1-degree quadrangle is divided into 7½-minute quadrangles which are given 2-digit numbers from 01 to 64. These are the third and fourth digits of the well number. Each 7½-minute quadrangle is divided into 2½-minute quadrangles which are given a single-digit number from 1 to 9. This is the fifth digit of the well number. Each well within a 2½-minute quadrangle is given a 2-digit number in the order in which it is inventoried beginning with 01. These are the last two digits of the well number. The 2-letter prefix is used to identify the county, as shown on the heading of each graph.

The well numbers given in Table 1 are the numbers used in previously published county or area reports. (See Texas Water Development Board Circular 3, List of Publications.) Locations of wells are given by the distance in miles from a town, by section or block number, or by league and labor.

HYDRAULIC PROPERTIES OF AN AQUIFER

The quantity of water that an aquifer will yield to wells depends upon its hydraulic characteristics. The principal characteristics are its ability to transmit and store water, which are measured by the coefficients of transmissibility and storage.

The field coefficient of transmissibility is defined as the rate of flow of water in gallons per day through a 1-foot wide strip of the aquifer extending the entire thickness of the aquifer under a hydraulic gradient of 1 foot per foot at the prevailing water temperature.

The field coefficient of permeability is expressed as the rate of flow in gallons per day at the prevailing water temperature through a cross-sectional area of 1 square foot under a hydraulic gradient of 1 foot per foot. The value may be computed by dividing the coefficient of transmissibility by the contributing thickness of the aquifer. In this report, it is computed by dividing the calculated coefficient of transmissibility by the total footage of screened section. Therefore, it generally represents the maximum value that can be expected.

The coefficient of storage of an aquifer is defined as the volume of water released from or taken into storage per unit surface area of the aquifer per unit change in the component of head normal to that surface. Under water-table conditions, the coefficient of storage is nearly equal to the specific yield, which is defined as the quantity of water that a formation will yield under the force of gravity, if it is first saturated and then allowed to drain, the ratio being expressed in percentage of the volume of this water to the volume of the material drained.

METHODS OF ANALYZING AQUIFER TESTS

The formulas used to analyze the data presented in this report are the Thiem equilibrium formula, the Theis nonequilibrium formula, the Jacob modified nonequilibrium formula, and the Theis recovery formula. It is beyond the scope of this report to show the derivation of these formulas; the reader is referred to the following publications for their development and application: Cooper and Jacob (1946), Ferris and others (1962), Jacob (1950), Theis (1935), Thiem (1906), and Wenzel (1942).

Thiem Equilibrium Formula

The equilibrium formula, developed by Gunther Thiem (1906) from Darcy's law, provides a means for determining aquifer transmissibility if the rate of discharge of a pumped well and the drawdown in each of

two observation wells at different distances from the pumped well are known. By using common logarithms, Thiem's equation is reduced to the following form:

$$T = \frac{527.7\ Q \log_{10}\left(\frac{r_2}{r_1}\right)}{s_1 - s_2}, \qquad (1)$$

where

T = coefficient of transmissibility, in gallons per day per foot;

Q = rate of discharge of the pumped well, in gallons per minute;

r_1 and r_2 = distances from the pumped well to the first and second observation wells, in feet; and

s_1 and s_2 = drawdowns in the first and second observation wells, in feet.

Figure 1 shows the manner in which the data are plotted when using the Thiem method of analysis. If $s_1 - s_2$ or Δs is taken over one log cycle, then $\log_{10} \frac{r_2}{r_1} = 1$, and equation (1) is reduced to

$$T = \frac{527.7\ Q}{\Delta s}. \qquad (2)$$

Using the same plot and extrapolating the line to the zero drawdown axis, the coefficient of storage may be calculated from the following equation:

$$S = \frac{0.3Tt}{r_0^2}, \qquad (3)$$

where S is the coefficient of storage; r_0 is the distance intercept at the zero drawdown axis, in feet; t is the elapsed pumping time, in days; and T is the coefficient of transmissibility, in gallons per day per foot.

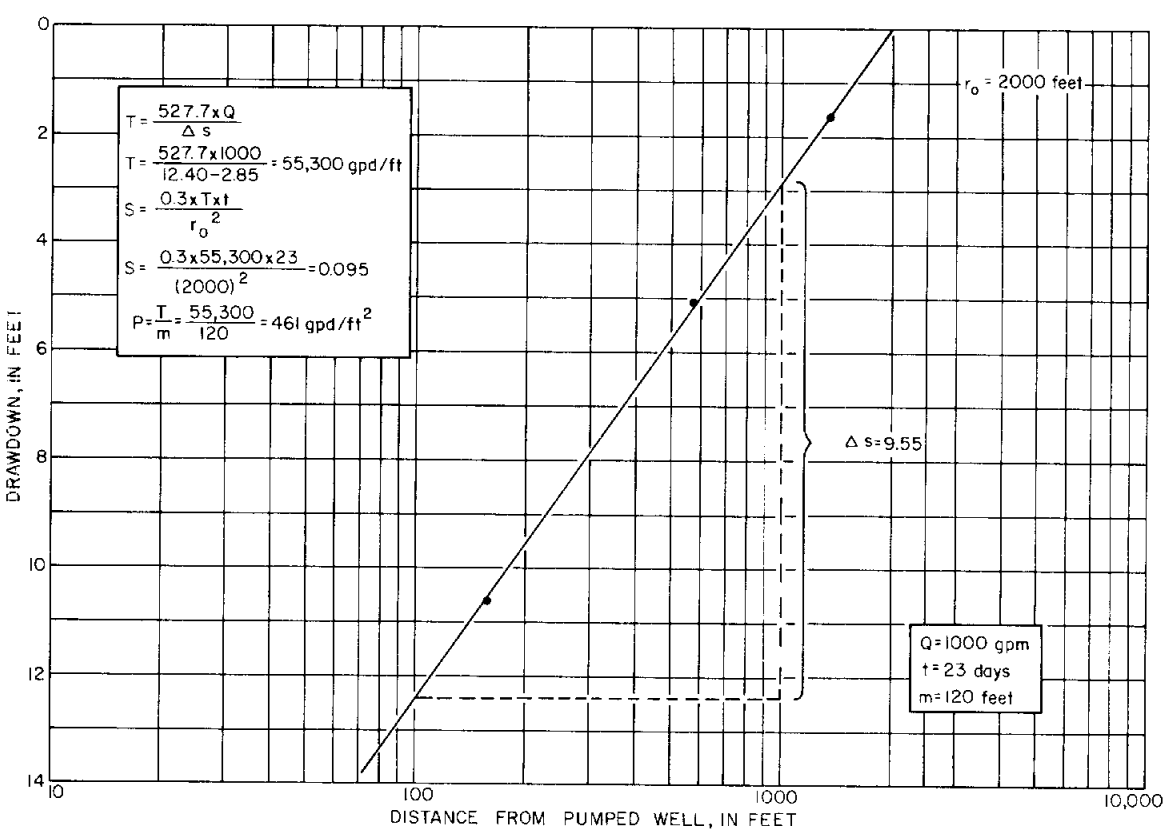


Figure 1.—Method of Plotting Data for Analysis by the Thiem Equilibrium Formula

In water-table aquifers, the apparent value of the coefficient of storage will increase as pumping time increases because of delayed drainage within the cone of depression created by pumping. The distance intercept r_0 on the zero drawdown axis marks the approximate limit of the radius of influence at the time drawdown measurements were made.

Theis Nonequilibrium Formula

The nonequilibrium formula, derived by Theis (1935), is based on the following assumptions: (1) the aquifer is homogeneous and isotropic; (2) the aquifer has infinite areal extent; (3) the discharge or recharge well penetrates and receives water from the entire thickness of the aquifer; (4) the coefficient of transmissibility is constant at all times and all places; (5) the well has an infinitesimal diameter; and (6) water removed from storage is discharged instantaneously with decline in head. Despite the restrictive assumptions on which it is based, the nonequilibrium formula has been applied successfully to many problems of ground-water flow.

The nonequilibrium formula in its simplest form is

$$T = \frac{114.6\ Q\ W(u)}{s}\ ; \qquad (4)$$

$$S = \frac{Tut}{1.87\ r^2}\ , \qquad (5)$$

where T, Q, s, r, t, and S are as previously defined.

W(u) is an exponential integral:

$$W(u) = -0.577216 - \log_e u + u - \frac{u^2}{2 \cdot 2!} + \frac{u^3}{3 \cdot 3!} - \frac{u^4}{4 \cdot 4!} \cdots\cdots , \qquad (6)$$

and

$$u = \frac{1.87\ r^2 S}{Tt}\ . \qquad (7)$$

Analysis by the nonequilibrium method requires a "type curve" obtained by plotting values of u against corresponding values of W(u) on logarithmic paper.

Data from an observation well at a known distance (r) from the pumped well is plotted on logarithmic tracing paper that has the same scale as used to plot the type curve. Drawdown or recovery is plotted against r^2/t. The curve of the observed data will be similar to the type curve. The data curve may then be superposed on the type curve, the coordinate axis of the two curves being held parallel, and translated to a position which represents the best fit of the field data to the type curve. An arbitrary point is selected anywhere on the overlapping portion of the sheets, and the coordinates of this common point on both sheets are recorded. These data are then used in equations 4 and 5 to solve for T and S.

Figure 2 shows the manner in which the field data are plotted and gives sample calculations for solution by the nonequilibrium method.

Jacob Modified Nonequilibrium Formula

Jacob (1950) recognized that in the series of equation 6, the sum of the terms beyond log e^u is not significant where u is less than about 0.01 (generally small values of r, large values of t, or both). Thus, the Theis equation in its modified form reduces to

$$T = \frac{264\ Q}{\Delta s}\ , \qquad (8)$$

where T and Q are as previously defined and Δs is the drawdown or recovery in feet, over one log cycle of time.

The most convenient procedure for application of equation 8 is to plot the observed data from an observation well on semilogarithmic coordinate paper, plotting values of t on the logarithmic scale and values of s on the arithmetic scale. After the values of u become small (generally less than 0.01) and the value of the time (t) becomes great, the observed data should fall on a straight line. From this straight line, the change in drawdown (Δs) over one log cycle is determined, and the equation can be solved for T.

The coefficient of storage can also be determined from the same semilog plot of the observed data. When the drawdown (s) becomes zero (by extrapolating the plotted straight line back to the zero drawdown intercept), then the equation for determining S is reduced to

$$S = \frac{0.3\ T\ t_0}{r^2}\ , \qquad (9)$$

where S, T, and r are as previously defined and t_0 is the time intercept on the zero drawdown axis, in days. If any time units other than days were used for the time (t) on the semilog plot, then obviously t_0 must be converted to days before using equation 9.

Figure 3 is a sample plot and calculation for the analysis when using the modified nonequilibrium equations.

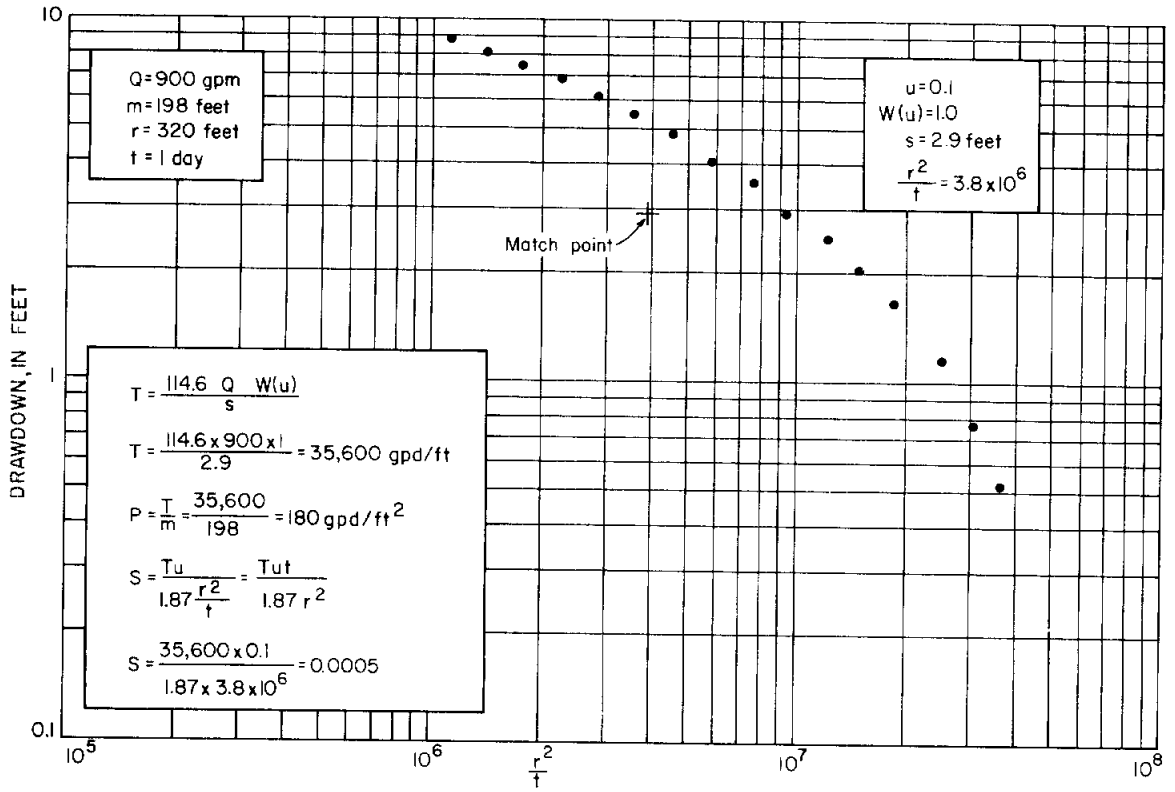


Figure 2.—Method of Plotting Data for Analysis by the Theis Nonequilibrium Formula

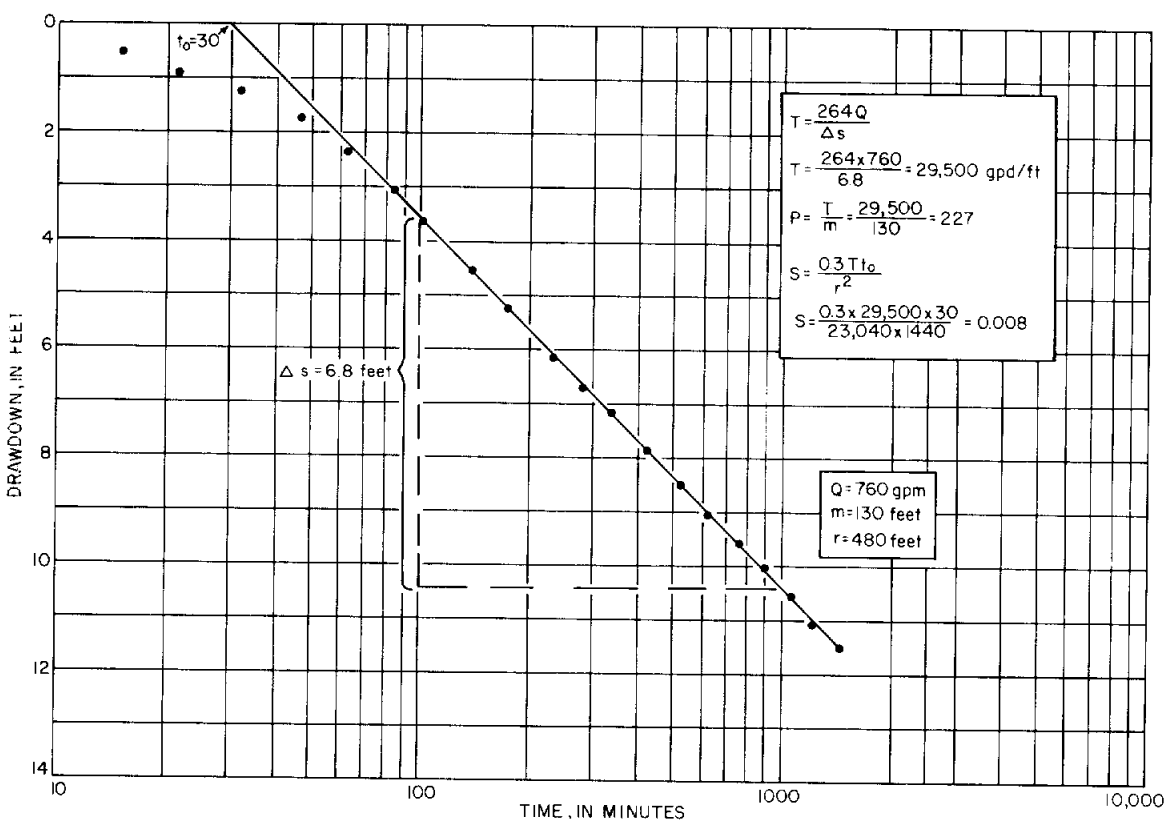


Figure 3.—Method of Plotting Data for Analysis by the Jacob Modified Nonequilibrium Formula

Theis Recovery Formula

A useful corollary to the nonequilibrium formula was devised by Theis (1935) for the analysis of the recovery of a pumped well. In the usual U.S. Geological Survey units, the formula is reduced to

$$T = \frac{264\,Q}{\Delta s'} \log_{10} \frac{t}{t'} , \qquad (10)$$

where T, t, and Q are as previously defined, $\Delta s'$ is the residual drawdown (the difference between the observed water level and the nonpumping water level extrapolated from the observed trend prior to the pumping period), and t' is the time since pumping stopped. If $\Delta s'$ is taken over one log cycle of t/t' then $\log_{10} \frac{t}{t'}$ of equation 10 becomes equal to 1, and the equation is further simplified to become identical to equation 8.

It is not possible to determine the coefficient of storage from observing the rate of recovery of the pumped well unless the effective radius of the well, r_w, which is usually difficult to determine, is known.

Figure 4 shows the manner in which the data are plotted and gives a sample calculation for analysis by the Theis recovery formula.

In a considerable number of tests, neither the pumping level, the static level, nor the time since pumping began could be obtained; consequently, the preceding methods of analyses were not applicable. In such tests, the depth of water was obtained after the pump was shut off, and these data were plotted against the time since pumping stopped. If the data fell on a straight line, the formula $T = \frac{264\,Q}{\Delta s'}$ was applied to obtain an estimate of the coefficient of transmissibility. Generally, the results of these tests compared favorably with tests in nearby wells where analyses were made by one of the other methods.

Estimating Transmissibility from One Drawdown Measurement

Ogden (1965, p. 51-54) developed a method for estimating the transmissibility from one drawdown measurement. By using equations 4 and 5, rearranging each equation in terms of T, then equating to eliminate the parameter T, the following expression is found:

$$u\,W(u) = \frac{1.87\,r^2 s\,S}{114.6\,Qt} . \qquad (11)$$

All terms are as previously defined except when the pumped well is used, r is the radius of the casing or screen.

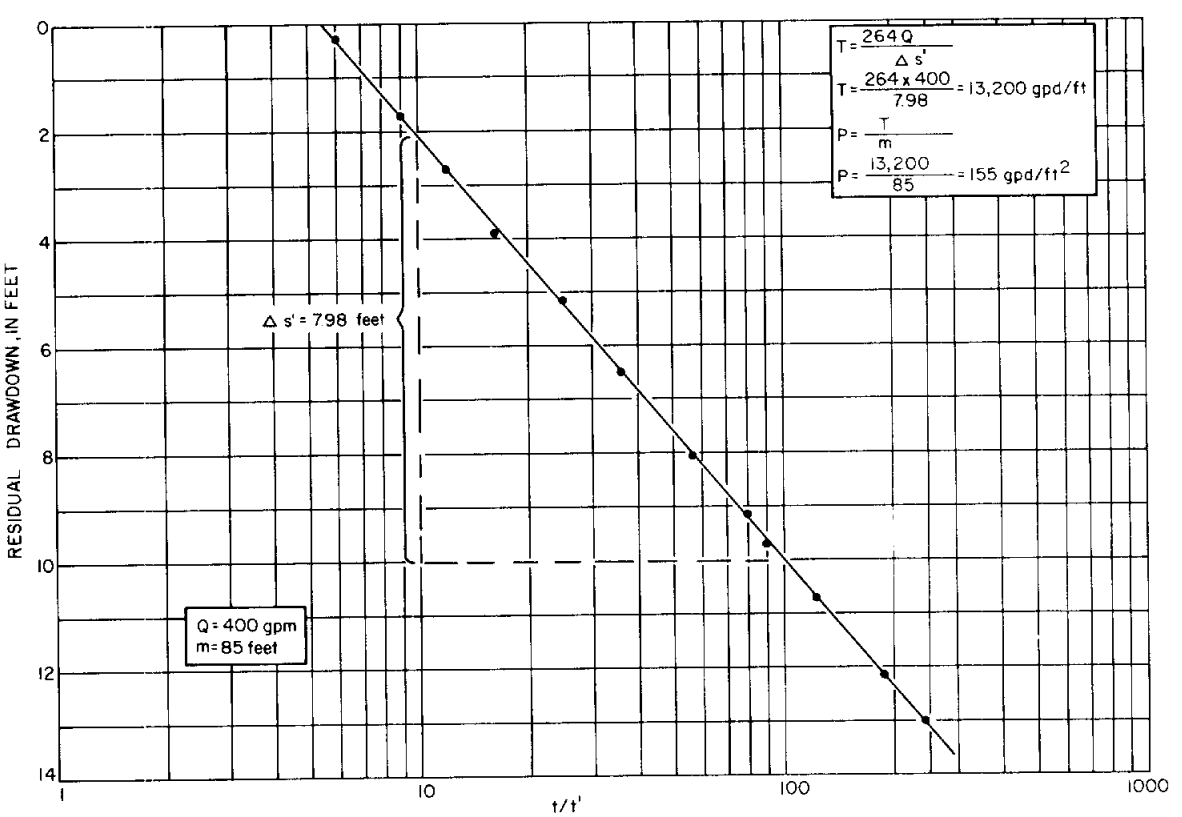


Figure 4.—Method of Plotting Data for Analysis by the Theis Recovery Formula

The left side of the equation, u W(u), can be computed from existing tables; for each value of u W(u) there is only one value of u. All terms on the right side of the equation can be measured during a visit to a well except S, the coefficient of storage. Assuming a value for S and using the measured distance r, drawdown s, the pumping time in days t, and the discharge Q, the value u W(u) can be computed. The single value of u corresponding to the value computed for u W(u) can be determined from tables or a curve, and the calculation of the transmissibility using equation 5 is the final step.

According to Ogden (1965, p. 54) the method has been tested using actual drawdown data. The conclusion is that values of the transmissibility obtained are reasonably reliable in a water-table aquifer after about 3 hours pumping time if the measurements made at the pumping well or in an observation well less than 25 feet from the pumping well are used. Calculations involving a confined aquifer suggest that the method is applicable for a shorter time and over larger distances.

Such factors as partial penetration, a clogged screen, poorly developed well, or large increases in the effective diameter of the well caused by sand pumping and caving may influence the estimated values considerably, therefore they should be used with caution.

In estimating the transmissibilities given in Table 1, the coefficient of storage (S) was assumed to be 0.15, which is fairly representative of the specific yield of the sediments in the High Plains.

REFERENCES

Cooper, H. H., Jr., and Jacob, C. E., 1946, A generalized graphical method for evaluating formation constants and summarizing well-field history: Am. Geophys. Union Trans., v. 27, no. 4, p. 526-534.

Ferris, J. G., Knowles, D. B., Brown, R. H., and Stallman, R. W., 1962, Theory of aquifer tests: U.S. Geol. Survey Water-Supply Paper 1536-E.

Jacob, C. E., 1944, Notes on determining permeability by pumping tests under water-table conditions: U.S. Geol. Survey open-file rept.

——1950, Flow of ground water, chap. 5 *in* Rouse, Hunter, Engineering hydraulics: New York, John Wiley and Sons.

Ogden, L., 1965, Estimating transmissibility with one drawdown: Ground Water, Journal of the Technical Division of the National Water Well Association, v. 3, no. 3, p. 51-55.

Theis, C. V., 1935, The relation between the lowering of the piezometric surface and the rate and duration of discharge of a well using ground-water storage: Am. Geophys. Union Trans., 16th Ann. Mtg., pt. 2, p. 519-524.

Thiem, Gunther, 1906, Hydrologische methoden [Hydrologic methods] : Leipzig, J. M. Gebhardt.

Wenzel, L. K., 1942, Methods for determining permeability of water-bearing materials, with special reference to discharging-well methods, *with a section on* Direct laboratory methods and bibliography on permeability and laminar flow, by V. C. Fishel: U.S. Geol. Survey Water-Supply Paper 887.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains

Armstrong County

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
292	Sec. 4 blk. M-10 BS&F	225	42.0	7	1.0[1/]	Since 1953	6,000
261	Sec. 4 blk. M-10 BS&F	190	70.0	7	1.0[1/]	do	2,900
260	Sec. 3 blk. M-10 BS&F	160	49.0	5	1.0[1/]	do	3,700
249	Sec. 40 blk. M-10 BS&F	610	56.0	9	1.0[1/]	do	12,000
252	Sec. 21 blk. M-10 BS&F	600	46.0	9	1.0[1/]	do	15,000
254	Sec. 42 blk. M-10 BS&F	250	15.0	5	1.0[1/]	do	24,000
		Bailey County					
60	3½ miles north of Muleshoe	350	8.0	4	0.5	Since 1952	67,000
65	2¼ miles north of Muleshoe	1,250	10.0	14	1.5	do	180,000
90	2½ miles northeast of Muleshoe	1,500	14.0	8	5.0	do	187,000
120	5 miles northeast of Muleshoe	700	22.5	6	1.0	do	44,000
126	4½ miles northeast of Muleshoe	1,000	8.0	4	.166	do	180,000
442	League 192 labor 23 Foard County school land	600	20.0	7	1.0[1/]	do	42,000
443	League 187 labor 1 Swisher County school land	1,000	54.0	7	1.0[1/]	do	25,000
574	League 191 labor 14	1,000	50.0	8	1.0[1/]	do	26,000
647	League 161 labor 9	300	18.0	8	1.0[1/]	do	22,000
741	League 177 labor 23	300	19.0	6	1.0[1/]	do	21,000
725	Sec. 56 blk. Z	1,000	23.0	8	1.0[1/]	do	61,000
814	League 186 labor 5	500	73.0	7	1.0[1/]	do	7,800
853	Sec. 22 blk. 108 Fisher County school land	250	20.0	6	1.0[1/]	do	16,000
852	League 202 labor 2	450	80.0	6	1.0[1/]	do	6,400

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Bailey County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
959	League 171 labor 2	50	20.0	3	1.0[1/]	Since 1952	3,300
1009	League 165 labor 9	68	23.0	6	1.0[1/]	do	3,300
1034	League 108 labor 12	85	51.0	8	1.0[1/]	do	1,600
1901	League 169 labor 10 Hale County school land	140	52.0	8	1.0[1/]	do	2,800
988	League 107 labor 14	150	27.0	6	1.0[1/]	do	6,400
727	League 123 labor 7	60	15.0	6	1.0[1/]	do	4,500
385	League 143 labor 17	850	42.0	8	1.0[1/]	do	27,000
441	Sec. 20 blk. Y	900	25.0	8	1.0[1/]	do	50,000
379	Sec. 29 blk. Y	1,100	40.0	8	1.0[1/]	do	37,000
1305	League 208 labor 8	200	55.0	8	1.0[1/]	do	3,900
215	Sec. 100 blk. A Blum & Blum	700	54.0	8	1.0[1/]	do	17,000
202	Sec. 15 subd. 107	800	89.0	8	1.0[1/]	do	10,000
783	Sec. 73 blk. Z	1,000	37.0	8	1.0[1/]	do	37,000
778	League 186 labor 7	180	54.0	8	1.0[1/]	do	3,500
765	Sec. 58 blk. Z	1,000	40.0	8	1.0[1/]	do	34,000
767	League 144 labor 22	1,000	34.0	8	1.0[1/]	do	40,000
788	League 177 labor 23	500	19.0	8	1.0[1/]	do	36,000
702	League 143 sec. 7	975	45.0	8	1.0[1/]	do	29,000
715	Sec. 12 blk. Z	1,600	36.0	8	1.0[1/]	do	62,000
737	Sec. 25 blk. Z	1,250	28.0	8	1.0[1/]	do	62,000
722	Sec. 5 blk. Y	1,800	60.0	8	1.0[1/]	do	41,000

[1/] Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Bailey County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
681	Sec. 21 blk. X	1,000	30.0	8	1.0[1/]	Since 1952	46,000
231	Sec. 3 blk. 107	150	45.0	8	1.0[1/]	do	3,500
704	Sec. 58 blk. Y	1,000	25.0	8	1.0[1/]	do	56,000
662	Sec. 13 league 142 Hansford County school land	135	10.0	8	1.0[1/]	do	17,000
670	Sec. 79 blk. Y	1,600	29.0	8	1.0[1/]	do	79,000
625	Sec. 114 blk. A	120	50.0	8	1.0[1/]	do	2,400
658	League 188 labor 12	500	70.0	8	1.0[1/]	do	8,200
671	Sec. 4 blk. Z	1,300	28.0	8	1.0[1/]	do	66,000
667	Sec. 61 blk. Z	1,400	40.0	8	1.0[1/]	do	49,000
613	Sec. 65 blk. W	1,000	56.0	8	1.0[1/]	do	24,000
656	Sec. 36 blk. Z	1,000	20.0	8	1.0[1/]	do	71,000
726	League 185 labor 3 Swisher County school land	1,000	30.0	6	1.0[1/]	do	48,000
518	Sec. 18 blk. X	1,000	40.0	8	1.0[1/]	do	33,000
515	League 182 labor 91 Floyd County school land	600	30.0	7	1.0[1/]	do	27,000
547	Sec. 9 blk. C	350	30.0	8	1.0[1/]	do	15,000
1027	League 171 labor 22 Hale County school land	250	40.0	6	1.0[1/]	do	7,900
1007	League 165 labor 8	95	10.0	8	1.0[1/]	do	11,000
904	Sec. 91 blk. Y	1,100	29.0	9	1.0[1/]	do	52,000
1902	League 169 labor 10 Hale County school land	150	57.0	8	1.0[1/]	do	2,700

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Bailey County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
433	Sec. 24 league 141-142 Hansford County school land	120	20.0	8	1.0[1/]	Since 1952	6,600
541	Sec. 101 blk. A	500	75.0	8	1.0[1/]	do	7,400
		Briscoe County					
107	6½ miles southwest of Silverton	450	37.0	10	0.291	1946	12,000
121	8 miles southwest of Silverton	800	29.0	10	.5	do	31,000
170	11½ miles southwest of Silverton	800	15.0	8	1.0	do	86,000
225	7 miles south of Silverton	166	115.0	8	.25	do	1,200
227	8½ miles southwest of Silverton	400	70.0	8	.5	do	5,900
		Castro County					
48	10½ miles north of Dimmitt	692	33.0	8	1.21	1937	29,000
53	9½ miles north of Dimmitt	935	24.5	8	2.42	1938	57,000
100	10½ miles north of Dimmitt	692	22.0	8	5.5	do	50,000
101	9 miles north of Dimmitt	850	25.0	7	29.16	1937	13,000
185	In city of Dimmitt	75	15.0	8	1.0	1947	5,500
40	10½ miles north of Dimmitt	540	19.27	8	1.16	1937	39,000
409	22 miles southeast of Dimmitt	1,230	40.0	8	2.91	do	46,000
33	11½ miles northwest of Dimmitt	692	22.0	8	5.5	do	50,000
762	Sec. 9 blk. O-3	1,000	52.0	8	1.0[1/]	Since 1952	25,000
758	League 5 J. M. Leal	1,000	38.0	8	1.0[1/]	do	35,000
782	Sec. 132 blk. M-6	750	55.0	8	1.0[1/]	do	18,000
622	Sec. 36 blk. T-4	1,000	45.0	8	1.0[1/]	do	30,000
821	Sec. 5 blk. L-491 G. W. Nelson	600	57.0	8	1.0[1/]	do	12,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Castro County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
853	Sec. 71 blk. M-7	1,000	40.0	8	1.0[1/]	Since 1952	33,000
875	Sec. 2 blk. S-5	1,000	30.0	8	1.0[1/]	do	46,000
936	Sec. 11 blk. T R. M. Thompson	1,000	43.0	8	1.0[1/]	do	31,000
950	Sec. 76 blk. H	1,000	60.0	8	1.0[1/]	do	22,000
1005	Sec. 13 blk. 07	1,000	40.0	9	1.0[1/]	do	33,000
988	Sec. 5 J. M. Leal Survey	1,200	45.0	8	1.0[1/]	do	36,000
1051	Sec. 1 blk. 2 Halsell subd.	1,000	20.0	8	1.0[1/]	do	72,000
1061	Sec. 14 blk. 1	1,000	30.0	8	1.0[1/]	do	46,000
035-154	Sec. 1 blk. K-13	1,000	30.0	8	1.0[1/]	do	46,000
035- 83	Sec. 4 blk. S-2	800	30.0	8	1.0[1/]	do	36,000
517	Sec. 37 blk. M	900	95.0	8	1.0[1/]	do	11,000
506	Sec. 14 blk. O-3	560	60.0	9	1.0[1/]	do	11,000
467	Sec. 73 blk. M-7	1,000	30.0	8	1.0[1/]	do	46,000
035-419	Sec. 44 blk. T-10	1,000	25.0	9	1.0[1/]	do	55,000
877	Sec. 303 blk. M-6 SK&K	1,000	35.0	8	1.0[1/]	do	39,000
892	Sec. 7 blk. O-7	1,000	30.0	8	1.0[1/]	do	46,000
866	Sec. 171 blk. M-7	1,000	49.0	8	1.0[1/]	do	27,000
839	Sec. 147 blk. 7	900	25.0	8	1.0[1/]	do	50,000
815	Sec. 24 blk. 1	1,800	40.0	8	1.0[1/]	do	63,000
841	Sec. 7 blk. M	1,000	76.0	8	1.0[1/]	do	17,000
821	Sec. 5 blk. L-491 G. W. Nelson	600	57.0	8	1.0[1/]	do	12,000
465	Sec. 33 blk. M-7	1,000	60.0	8	1.0[1/]	do	22,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Castro County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
479	Sec. 251 blk. M-6	500	30.0	8	1.0[1/]	Since 1952	22,000
592	Sec. 180 blk. M-6	1,000	29.0	8	1.0[1/]	do	48,000
801	Sec. 40 blk. M-7	700	32.0	8	1.0[1/]	do	29,000
770	Sec. 257 blk. M-6	1,000	30.0	8	1.0[1/]	do	46,000
777	Sec. 24 blk. K-13	1,000	40.0	8	1.0[1/]	do	34,000
782	Sec. 132 blk. M-6	750	55.0	10	1.0[1/]	do	16,000
755	Sec. 1 J. T. Jewell Subd.	1,000	18.0	8	1.0[1/]	do	80,000
528	Sec. 267 blk. M-6	750	110.0	8	1.0[1/]	do	7,800
763	Sec. 5 blk. O-3	1,000	53.0	8	1.0[1/]	do	25,000
712	Sec. 28 blk. M	1,000	156.0	9	1.0[1/]	do	7,300
711	Sec. 42 blk. K-13	1,000	78.0	8	1.0[1/]	do	16,000
656	Sec. 7 blk. 2	1,000	30.0	8	1.0[1/]	do	46,000
626	Sec. 43 blk. H	1,000	40.0	8	1.0[1/]	do	34,000
628	Sec. 16 blk. 10-T	1,000	42.0	8	1.0[1/]	do	32,000
549	Sec. 39 blk. S-2	800	20.0	8	1.0[1/]	do	56,000
991	Sec. 14 blk. 10-T	590	35.0	8	1.0[1/]	do	22,000
522	Sec. 307 blk. M-6	1,000	80.0	8	1.0[1/]	do	16,000
539	Sec. 22 blk. 03	1,000	40.0	9	1.0[1/]	do	33,000
598	Sec. 117 blk. M-7	1,000	42.0	8	1.0[1/]	do	32,000
555	Sec. 59 blk. 10-T	1,000	40.0	8	1.0[1/]	do	33,000
556	Sec. 31 blk. 10-T	1,000	60.0	8	1.0[1/]	do	22,000

[1/] Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Castro County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
449	Sec. 341 blk. M-6	1,000	35.0	8	1.0[1/]	Since 1952	39,000
653	Sec. 48 blk. K-13	1,000	60.0	8	1.0[1/]	do	22,000
671	Sec. 12 blk. S-2	600	38.0	8	1.0[1/]	do	20,000
489	Sec. 6 blk. 9-T	1,000	33.0	8	1.0[1/]	do	42,000
		Cochran County					
333	Hemphill County school land league 140 labor 20	850	38.0	8	1.0[1/]	do	30,000
359	Shackelford County school land league 82 labor 102	1,100	50.0	8	1.0[1/]	do	29,000
589	Jeff Davis County school land league 104 labor 15	150	23.0	8	1.0[1/]	do	7,500
587	Knox County school land league 120 labor 11	250	20.0	8	1.0[1/]	do	16,000
578	Hansford County school land league 141 labor 27	950	59.0	8	1.0[1/]	do	21,000
586	Shackelford County school land league 85 labor 4	500	50.0	8	1.0[1/]	do	11,000
539	Hemphill County school land league 138 labor 5	350	27.0	8	1.0[1/]	do	17,000
504	Shackelford County school land league 84-85 labor 11	105	40.0	8	1.0[1/]	do	2,700
574	Brewster County school land league 98-99 labor 50	272	10.0	8	1.0[1/]	do	37,000
544	Coke County school land league 128 labor 3	675	50.0	8	1.0[1/]	do	17,000
527	Midland County school land league 61 labor 2	250	15.0	8	1.0[1/]	do	22,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Cochran County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
494	Greer County school land league 87 labor 15	800	24.0	8	1.0[1/]	Since 1952	46,000
412	Brewster County school land league 98 labor 56	560	19.0	8	1.0[1/]	do	40,000
467	Hall County school land league 158 labor 23	600	50.0	8	1.0[1/]	do	15,000
666	Carson County school land league 129 labor 35	450	80.0	7	1.0[1/]	do	6,400
637	Potter County school land league 116 labor 2	560	40.0	8	1.0[1/]	do	18,000
632	C. C. Slaughter Survey league 118 labor 71	844	48.0	8	1.0[1/]	do	23,000
779	Harrison and Brown Survey sec. 4	560	50.0	8	1.0[1/]	do	14,000
410	Hall County school land league 158 labor 18	162	11.0	8	1.0[1/]	do	19,000
500	Hemphill County school land league 137 tract 27 FO subd. 1	450	28.0	8	1.0[1/]	do	21,000
472	Stonewall County school land league 147 labor 21	560	25.0	8	1.0[1/]	do	30,000
515	Hemphill County school land league 137 tract 10 FO subd. 1	350	35.0	8	1.0[1/]	do	11,000
619	Carson County school land league 130 tract 12	80	13.0	8	1.0[1/]	do	6,900
691	Fisher County school land league 106 labor 16	375	35.0	8	1.0[1/]	do	12,000
680	Childress County school land league 124 labor 7	100	25.0	7	1.0[1/]	do	4,400
728	Childress County school land league 121 labor 10	160	12.0	6	1.0[1/]	do	18,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Cochran County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
789	Knox County school land league 120 labor 4	80	22.0	5	1.0[1/]	Since 1952	4,200
941	Coke County school land league 12 labor 24	85	12.0	6	1.0[1/]	do	8,200
883	Knox County school land league 119 labor 4	275	40.0	8	1.0[1/]	do	7,800
867	Childress County school land league 121 labor 21	48	35.0	5	1.0[1/]	do	1,400
902	Coke County school land league 126 labor 8	338	22.0	8	1.0[1/]	do	20,000
1056	Knox County school land league 120 labor 19	25	25.0	8	1.0[1/]	do	920
1067	Jeff Davis County school land league 104 labor 19	75	22.0	5	1.0[1/]	do	3,900
1071	Shackelford County school land league 82 labor 99	450	40.0	7	1.0[1/]	do	14,000
1103	Jeff Davis County school land league 104 labor 24	100	45.0	5	1.0[1/]	do	2,400
1117	Fisher County school land sec. 17 blk. V	150	50.0	6	1.0[1/]	do	3,300
1119	Fisher County school land sec. 17 blk. V	150	41.0	6	1.0	do	4,100
1144	Fisher County school land league 106 labor 21	100	20.0	5	1.0	do	6,400
1176	Childress County school land league 128 labor 22	35	27.0	5	1.0	do	1,400
1193	Hemphill County school land league 138 F-1 FO subd.	500	35.0	6	1.0	do	20,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Cochran County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
1287	Coke County school land league 127 labor 11	30	10.0	3	1.0	Since 1952	3,900
1342	Coke County school land league 126 labor 25	360	18.0	6	1.0	do	27,000
1314	Jeff Davis County school land league 102 labor 8	500	30.0	8	1.0[1/]	do	22,000
1351	Midland County school land league 62 labor 10	70	25.0	4	1.0[1/]	do	3,500
1390	Shackelford County school land league 82 labor 63	1,000	50.0	7	1.0[1/]	do	27,000
213	4 miles southeast of Morton	1,050	30.0	8	1.0[1/]	do	49,000
		Crosby County					
HK-23-20-602	2 miles northeast of Lorenzo	149	60.0	8	1.0	1961	2,500
22-901	7 miles west of Crosbyton	491	50.0	9	2.0	do	13,000
12-801	6½ miles north of Lorenzo	516	65.0	8	1.0	do	9,100
901	9 miles north of Lorenzo	220	54.0	8	1.0	do	4,400
16-501	15 miles northeast of Crosbyton	125	38.0	8	1.0	do	3,500
28-203	5 miles south of Lorenzo	279	36.0	8	1.0	do	8,900
305	4½ miles south of Lorenzo	219	30.0	8	1.0	do	8,300
23-702	In Crosbyton	370	43.0	8	1.0	do	10,000
8	NW ¼ NW ¼ Sec. 915 blk. C-3	700	59.0	6	.5	1937	14,000
352	NW ¼ S ½ HF Pearson Survey	800	30.0	8	.125	1939	28,000
		Deaf Smith County					
854	Sec. 30 blk. K-6	550	45.0	8	1.0[1/]	Since 1952	16,000
883	Sec. 32 blk. K-4	1,000	30.0	8	1.0[1/]	do	46,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Deaf Smith County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
899	Sec. 2 blk. K-8	900	30.0	8	1.0[1/]	Since 1952	41,000
1184	Sec. 33 blk. K-7	1,000	40.0	8	1.0[1/]	do	33,000
1121	Sec. 44 blk. K-3	700	20.0	9	1.0[1/]	do	48,000
1131	Sec. 7, T. 4 N., R. 2 E.	1,000	33.0	8	1.0[1/]	do	41,000
3168	Sec. 14 blk. K-6	265	60.0	8	1.0[1/]	do	5,000
1014	Sec. 98 blk. K-5	700	40.0	8	1.0[1/]	do	23,000
870	Sec. 1 blk. 8	1,000	30.0	8	1.0[1/]	do	46,000
1364	Sec. 90 blk. K-4	500	62.0	7	1.0[1/]	do	9,400
1414	Sec. 4, T. 2 N., R. 4 E.	800	30.0	8	1.0[1/]	do	36,000
1262	Sec. 5 blk. B	1,000	42.0	9	1.0[1/]	do	31,000
1265	Sec. 52 blk. K-8	900	25.0	8	1.0[1/]	do	50,000
1327	Sec. 58 blk. K-7	1,000	50.0	8	1.0[1/]	do	26,000
1310	Sec. 35, T. 2 N., R. 4 E.	560	40.0	8	1.0[1/]	do	18,000
1211	Sec. 89 blk. K-7	600	110.0	8	1.0[1/]	do	6,200
1154	Sec. 13 blk. 3	1,100	66.0	8	1.0[1/]	do	22,000
1129	Sec. 10 blk. 7	1,000	45.0	8	1.0[1/]	do	30,000
1174	Sec. 46 blk. K-4	1,000	19.0	8	1.0[1/]	do	76,000
199	9 3/4 miles north of Hereford	850	22.0	7	14.0	1945	68,000
202	8½ miles north of Hereford	800	19.5	8	5.0	1937	66,000
212	12 miles northeast of Hereford	1,005	36.0	13	1.46	1936	36,000
226	9 miles northeast of Hereford	1,030	23.0	13	.975	do	58,000
233	10½ miles northeast of Hereford	700	12.0	7	.583	1937	82,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Deaf Smith County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
237	7 miles northeast of Hereford	820	52.0	13	0.032	1936	12,000
246	5½ miles northeast of Hereford	610	27.0	8	1.21	do	31,000
249	8 miles northeast of Hereford	1,005	36.0	13	1.25	do	36,000
258	4½ miles northwest of Hereford	800	35.0	9	1.0	do	30,000
273	4½ miles north of Hereford	750	38.0	12	21.0	1937	31,000
288	2½ miles north of Hereford	622	30.0	8	.918	1936	28,000
291	1¼ miles northeast of Hereford	692	22.0	13	1.25	do	40,000
302	4 miles northeast of Hereford	870	19.0	7	1.25	1937	68,000
305	3½ miles west of Hereford	782	24.5	9	.25	do	35,000
311	2 miles east of Hereford	1,130	24.0	13	.5	1934	54,000
336	3 3/4 miles southeast of Hereford	600	25.0	8	.333	1936	27,000
343	2½ miles south of Hereford	800	17.0	7	15.0	1938	85,000
349	1 mile southeast of Hereford	637	12.5	13	.417	1937	58,000
359	3 miles east of Hereford	1,005	30.0	13	1.415	1936	44,000
363	5½ miles southeast of Hereford	800	31.0	8	.125	1937	28,000
476	5½ miles northwest of Hereford	790	26.0	6	.208	do	38,000
484	4 3/4 miles west of Hereford	665	27.0	5	1.25	do	36,000
501	8 miles west of Hereford	750	18.0	6	1.0	do	62,000
510	5 miles southwest of Hereford	1,000	11.0?	7	1.0	do	140,000
516	8 miles southwest of Hereford	900	14.0	7	.833	do	95,000
923	3 3/4 miles south Hereford	1,200	30.0	7	30.0	do	75,000
170	14 miles northeast of Hereford	850	27.0	7	27.0	1939	57,000
210	9 miles northeast of Hereford	1,000	24.0	5	1.0[1/]	1936	63,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Deaf Smith County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
217	13 miles northeast of Hereford	600	50.0	7	1.0[1/]	1937	16,000
338	4 miles south of Hereford	750	21.0	7	12.0	do	62,000
339	4½ miles southeast of Hereford	584	22.0	8	.833	1939	36,000
348	2 miles south of Hereford	850	13.0	13	1.0[1/]	1936	88,000
557	9 miles northwest of Hereford	800	37.0	8	1.0[1/]	1937	29,000
824	12½ miles northeast of Hereford	1,050	25.0	7	1.0[1/]	1945	60,000
855	3 miles northeast of Hereford	700	25.0	6	1.0[1/]	do	40,000
938	4 3/4 miles east of Hereford	575	35.0	8	1.0[1/]	do	22,000
		Floyd County					
20	11½ miles north of Lockney	537	18.37	6	2.5	1948	44,000
138	3 miles northwest of Lockney	840	29.43	6	.0416	1939	29,000
185	6 miles northwest of Lockney	620	35.43	7	13.0	1945	29,000
186	5½ miles northwest of Lockney	475	58.6	6	30.0	1947	14,000
420	2½ miles west of Lockney	629	47.15	6	.25	1937	15,000
448	1½ miles south of Lockney	594	66.0	7	30.0	1940	15,000
451	2½ miles southwest of Lockney	597	55.2	7	30.0	1939	18,000
478	5 miles south of Lockney	615	50.09	7	4.0	1937	18,000
496	1½ miles northwest of Lockney	690	50.1	8	.416	1945	15,000
511	9½ miles northwest of Floydada	745	55.35	6	4.0	1937	20,000
542	12 miles west of Floydada	553	57.78	5	4.0	1939	14,000
630	5 miles north of Lockney	923	30.53	8	3.0	1944	45,000
54	8½ miles northwest of Lockney	820	28.6	8	.5	1938	37,000
115	6½ miles northwest of Lockney	2,000	83.0	9	14.0	1937?	39,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Floyd County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
501	12½ miles west of Floydada	1,000	62.0	8	0.5	1937	18,000
503	12 miles west of Floydada	1,100	55.0	8	.5	do	23,000
506	12½ miles west of Floydada	970	36.0	8	.25	1936	31,000
518	8 miles west of Floydada	1,100	44.0	7	.25	1937	29,000
547	12½ miles west of Floydada	700	65.0	8	.416	do	12,000
548	12½ miles west of Floydada	900	50.0	7	6.0	do	28,000
550	12½ miles west of Floydada	750	37.0	7	.5	do	25,000
557	10½ miles southwest of Floydada	800	65.0	8	.5	do	14,000
2	13½ miles northwest of Lockney	950	30.0	8	.166	do	35,000
3	13½ miles northwest of Lockney	900	35.0	8	.166	do	28,000
7	11½ miles north of Lockney	1,000	23.0	8	1.25	do	63,000
8	12 miles north of Lockney	1,000	25.0	7	1.0	do	57,000
40	9 miles north of Lockney	1,200	27.0	8	7.0	do	75,000
47	10½ miles northwest of Lockney	800	20.0	7	.333	do	52,000
51	10 miles northwest of Lockney	1,000	40.0	8	1.0	do	33,000
55	8 miles northwest of Lockney	1,020	38.5	7	2.5	1940	39,000
56	8½ miles northwest of Lockney	855	34.0	7	1.5	do	36,000
96	9½ miles northwest of Lockney	900	23.3	8	1.5	1938	56,000
108	6½ miles northwest of Lockney	890	38.9	6	.96	do	32,000
117	5½ miles northwest of Lockney	1,737	80.0	9	10.0	1939	34,000
133	2½ miles north of Lockney	800	40.0	8	2.0	1937	28,000
141	4 miles northwest of Lockney	900	28.0	8	.125	do	35,000
164	4 miles northwest of Lockney	900	38.0	8	.25	do	26,000

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Floyd County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
449	1½ miles southwest of Lockney	584	24.0	7	0.25	do	28,000
463	6 miles west of Lockney	495	21.0	6	1.666	1939	35,000
546	13 miles west of Floydada	700	41.0	6	.396	do	20,000
549	12½ miles southwest of Floydada	900	39.0	7	6.0	1937	37,000
623	9½ miles north of Lockney	610	18.4	8	.584	1940	44,000
59	6½ miles northwest of Lockney	650	46.0	5	1.0[1/]	1937	19,000
67	6½ miles north of Lockney	584	35.0	7	1.0[1/]	1936	22,000
157	6 miles west of Lockney	770	23.4	6	1.0[1/]	1937	47,000
467	8 miles southwest of Lockney	625	54.1	7	5.0[1/]	1939	17,000
537	8½ miles west of Floydada	512	76.0	7	1.0[1/]	1945	7,700
721	13 miles southwest of Floydada	900	51.0	6	1.0[1/]	1939	24,000
21	11½ miles north of Lockney	765	37.12	8	1.0[1/]	1937	27,000
627	7½ miles north of Lockney	936	38.23	8	1.0[1/]	1947	33,000
720	12 miles west of Floydada	500	60.14	6	1.0[1/]	1948	11,000
726	13 miles southwest of Floydada	800	68.22	6	1.0[1/]	1945	15,000
554	13½ miles southwest of Floydada	560	37.75	6	1.0[1/]	1948	20,000
704	3½ miles west of Floydada	744	58.71	7	1.0[1/]	do	16,000
612	4½ miles south of Floydada	700	22.92	7	1.0[1/]	1947	43,000
1248	Sec. 69 blk. 1	500	30.0	8	1.0[1/]	Since 1952	22,000
1260	Sec. 10 A B and M Survey	600	82.0	8	1.0[1/]	do	8,400
1236	Sec. 29 blk. K TTRR Co.	600	40.0	7	1.0[1/]	do	20,000
1276	Sec. 110 blk. 1	500	90.0	8	1.0[1/]	do	6,200

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Floyd County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
1213	Sec. 135 blk. 1	500	15.0	8	1.0[1/]	Since 1952	45,000
1203	Sec. 16 blk. D-2	500	110.0	8	1.0	do	5,000
1194	Sec. 27 blk. D-1	700	75.0	8	1.0	do	11,000
1172	Sec. 87 blk. S	200	30.0	6	1.0	do	8,000
1168	Sec. 39 blk. D-1	600	50.0	8	1.0	do	15,000
1133	Sec. 3 WCRR Co. Survey 4	550	40.0	8	1.0	do	18,000
1160	Sec. 3 blk. 1	500	53.0	7	1.0	do	12,000
1140	Sec. 121 blk. 1 A B & M Survey	600	45.0	8	1.0	do	17,000
1128	Sec. 46 blk. D-3	200	10.0	8	1.0	do	26,000
1116	4 miles north, 4 miles east of Almon	500	60.0	8	1.0	do	9,600
1082	Sec. 66 blk. 6	150	60.0	5	1.0	do	2,800
1063	ABS 100 E. Sparks Survey southwest corner of survey	400	70.0	8	1.0	do	6,300
1064	Sec. 36 blk. D-3	250	30.0	7	1.0	do	10,000
1365	Sec. 27 blk. M	310	75.0	8	1.0	do	4,400
1337	6 miles south, 18 miles east of Floydada	500	100.0	8	1.0	do	5,500
		Gaines County					
KD-26-08-617	32 miles northwest of Seminole	915	14.2	8	0.25	1964	100,000
905	31½ miles northwest of Seminole	1,300	24.1	9	1.25	do	76,000
16-207	31 miles northwest of Seminole	593	10.5	8	.5	do	78,000
209	30 3/4 miles northwest of Seminole	519	9.8	8	.5	do	72,000
605	27½ miles northwest of Seminole	859	22.0	12	1.25	do	52,000
24-302	26½ miles west of Seminole	310	5.8	2	.25	do	110,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Gaines County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
KD-26-24-502	29½ miles west of Seminole	765	18.7	8	6.0	1964	67,000
27-01-510	30 miles northwest of Seminole	273	74.1	7	21.0	1962	5,600
520	25 3/4 miles northwest of Seminole	406	15.5	9	.333	1956	30,000
04-805	17 miles north of Seminole	350	27.9	8	.5	1964	14,000
06-506	32½ miles northeast of Seminole	387	29.8	8	2.2	1963	17,000
09-308	20 miles northwest of Seminole	456	21.0	7	49.0	1964	40,000
401	25½ miles northwest of Seminole	441	14.5	7	2.0	do	44,000
404	23 3/4 miles northwest of Seminole	720	15.7	8	.833	do	65,000
11-307	12¼ miles north of Seminole	178	8.8	8	4.0[1/]	do	30,000
309	12¼ miles north of Seminole	247	22.7	8	7.0	do	16,000
12-306	14¼ miles northeast of Seminole	160	19.0	8	7.0	1964	13,000
308	14½ miles northeast of Seminole	229	25.35	8	7.0	do	13,000
402	8½ miles north of Seminole	208	11.9	5	2.0	1963	15,000
701	6½ miles north of Seminole	351	22.2	7	.792	1964	21,000
905	5¼ miles north of Seminole	406	16.4	8[1/]	.667	1963	32,000
17-108	23 miles west of Seminole	656	20.4	8[1/]	6.0	do	49,000
303	17½ miles west of Seminole	895	15.2	7	.25	do	78,000
416	22½ miles west of Seminole	604	21.6	7	7.0	do	46,000
601	18 3/4 miles west of Seminole	374	20.4	7	1.5	1964	25,000
915	20 miles southwest of Seminole	1,100	43.22	8	1.5	1960	36,000
18-501	13¼ miles west of Seminole	290	11.0	7	1.0	1964	37,000
506	12¼ miles west of Seminole	1,193	26.7	8	7.0	1963	74,000
609	11 miles southwest of Seminole	370	21.1	8	4.0	1964	26,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Gaines County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
KD-27-19-111	5 3/4 miles west of Seminole	410	17.8	7	0.25	1964	26,000
403	4 3/4 miles southwest of Seminole	122	9.0	7	.291	do	15,000
411	5¼ miles southwest of Seminole	386	16.6	7	3.16	do	37,000
502	2 miles southwest of Seminole	151	25.3	8	.375	1963	8,000
25-501	25½ miles southwest of Seminole	250	34.0	8	.333	do	7,500
27-104	12 3/4 miles southwest of Seminole	202	21.7	8	2.0	do	12,000
403	15½ miles southwest of Seminole	224	54.3	7	1.0	do	4,500
407	16 3/4 miles southwest of Seminole	341	55.2	7	1.16	do	7,100
703	16 3/4 miles southwest of Seminole	192	35.6	7	1.0	do	5,300
28-101	11 3/4 miles south of Seminole	440	50.3	8	1.0	1962	10,000
31-101	32 3/4 miles southeast of Seminole	55	33.3	7	2.0	1963	1,800
401	33 miles southeast of Seminole	132	42.0	6	4.0	do	4,200
		Garza County					
KJ-23-44-603	11½ miles northwest of Post	58	12.4	7	1.0	1961	6,900
801	12 miles northwest of Post	89	16.5	8	1.0	do	5,900
52-302	9½ miles west of Post	151	28.7	7	1.0	do	5,900
602	8 miles west of Post	54	20.73	5	1.0	do	3,000
603	7½ miles west of Post	27	10.0	7	1.0	do	2,900
53-101	8 miles northwest of Post	28.5	7.9	7	1.0	do	4,000
		Hale County					
225	15½ miles northeast of Hale Center	981	41.13	8	3.33	1948	34,000
641	15½ miles northwest of Hale Center	675	44.68	8	30.0	do	26,000
1957	17½ miles southeast of Hale Center	617	40.09	8	30.0	do	26,000

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Hale County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
572	In city of Hale Center	543	40.0	6	0.5	1938	17,000
A-60	16½ miles northwest of Hale Center	1,143	22.8	8	60.0	1955	97,000
515	8 miles northeast of Hale Center	1,000	24.0	8	1.0	1937	57,000
681	13 miles west of Hale Center	1,100	40.0	7	1.0	1946	38,000
690	8 miles west of Hale Center	1,150	38.0	7	1.0	do	42,000
691	8 miles west of Hale Center	1,000	47.0	7	1.0	do	29,000
982	15 miles east of Hale Center	765	45.0	8	.458	1939	19,000
509	8 miles northeast of Hale Center	750	43.0	10	7.67	1938	26,000
608	9½ miles northwest of Hale Center	725	28.3	7	7.23	1947	42,000
513	9 miles northeast of Hale Center	1,620	58.03	8	1.94	do	40,000
113	12 miles northwest of Hale Center	1,000	40.00	8	1.0[1/]	1937	34,000
215	16½ miles northeast of Hale Center	1,200	35.0	36	1.0[1/]	do	33,000
235	14 miles northeast of Hale Center	900	27.0	7	1.0[1/]	1936	48,000
272	11 miles northeast of Hale Center	852	60.0	9	1.0[1/]	1937	18,000
363	13½ miles northeast of Hale Center	857	28.0	8	1.0[1/]	1936	42,000
419	15 miles northeast of Hale Center	559	22.0	9	1.0[1/]	do	33,000
429	17 miles northeast of Hale Center	954	21.0	14	1.0[1/]	1937	58,000
436	14 miles northeast of Hale Center	920	19.0	13	1.0[1/]	do	64,000
441	12 miles northeast of Hale Center	1,100	37.0	8	1.0[1/]	do	41,000
446	9 miles northeast of Hale Center	1,157	32.0	7	1.0[1/]	1936	51,000
448	7½ miles northeast of Hale Center	750	30.0	8	1.0[1/]	1937	33,000
454	16½ miles northeast of Hale Center	600	36.0	12	1.0[1/]	do	19,000
467	13 miles northeast of Hale Center	1,500	65.0	13	1.0[1/]	do	26,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Hale County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
901	9 miles east of Hale Center	750	67.0	10	1.0[1/]	1937	13,000
907	14 miles southeast of Hale Center	500	55.0	8	1.0[1/]	do	11,000
926	11 miles southeast of Hale Center	850	75.0	7	1.0[1/]	do	15,000
944	16 miles southeast of Hale Center	800	60.0	8	1.0[1/]	do	17,000
948	14 miles southeast of Hale Center	446	41.0	7	1.0[1/]	do	14,000
1409	13½ miles northeast of Hale Center	1,222?	23.0	6	1.0[1/]	1939	79,000
1900	14½ miles southeast of Hale Center	925	47.9	8	1.0[1/]	do	25,000
68	18½ miles northwest of Hale Center	612	24.3	8	1.0[1/]	1948	34,000
104	14½ miles northwest of Hale Center	648	29.47	8	1.0[1/]	do	29,000
86	13 miles northwest of Hale Center	923	26.24	8	1.0[1/]	do	49,000
159	12 miles northwest of Hale Center	864	41.74	8	1.0[1/]	1947	28,000
219	15½ miles northeast of Hale Center	635	37.86	12	1.0[1/]	do	19,000
1231	13 miles northeast of Hale Center	1,138	36.34	8	1.0[1/]	do	43,000
617	5½ miles northwest of Hale Center	400	22.57	7	1.0[1/]	do	24,000
666	6½ miles northwest of Hale Center	604	22.86	8	1.0[1/]	do	36,000
1604	4 miles northwest of Hale Center	1,287	36.43	8[1/]	1.0[1/]	do	49,000
332	18 miles northeast of Hale Center	522	27.4	8	1.0[1/]	1948	25,000
373	14½ miles northeast of Hale Center	833	20.22	8	1.0[1/]	do	57,000
1403	1 miles northeast of Hale Center	700	37.03	8	1.0[1/]	1947	25,000
1417	9½ miles northeast of Hale Center	522	27.61	7	1.0[1/]	do	25,000
1430	11 miles east of Hale Center	897	37.20	8	1.0[1/]	do	33,000
546	6 miles northeast of Hale Center	405	24.91	8	1.0[1/]	do	21,000

[1/] Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Hale County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
562	1 3/4 miles east of Hale Center	900	44.72	6	1.0[1/]	1948	27,000
714	9 miles southwest of Hale Center	522	38.0	9	1.0[1/]	1947	17,000
1921	18 miles southeast of Hale Center	675	56.31	8	1.0[1/]	do	15,000
		Hockley County					
224	Reeves County school land league 81 labor 8	800	40.0	8	1.0[1/]	Since 1952	27,000
142	State Capitol Land league 734 labor 3	280	60.0	8	1.0[1/]	do	5,100
--	Howard County school land league 14 labor 11	700	40.0	8	1.0[1/]	do	23,000
779	R. M. Thompson sec. 62 blk. A	450	42.0	8	1.0[1/]	do	12,000
743	Wichita County school land league 17 labor 14	520	62.0	8	1.0[1/]	do	9,600
747	Wilbarger County school land league 7 labor 6	500	65.0	8	1.0[1/]	do	8,800
781	Howard County school land league 16 labor 23	175	57.0	8	1.0[1/]	do	3,200
764	Jones County school land league 2 labor 7	220	40.0	8	1.0[1/]	do	6,100
751	State Capitol land league 716 labor 7	500	38.0	8	1.0[1/]	do	17,000
698	Wichita County school land league 20 labor 14	1,000	81.0	8	1.0[1/]	do	16,000
641	State Capitol land league 732 labor 19	1,000	60.0	8	1.0[1/]	do	22,000
513	State Capitol land league 693 labor 15	420	36.0	7	1.0[1/]	do	15,000
725	Howard County school land league 13 labor 13	750	87.0	8	1.0[1/]	do	9,900
619	Sec. 131 blk. A	1,000	55.0	8	1.0[1/]	do	24,000
659	Maverick County school land league 39 labor 48	800	50.0	8	1.0[1/]	do	21,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Hockley County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
621	Haskell County school land league 73 labor 13	500	33.0	8	1.0[1/]	Since 1952	19,000
603	B. F. Montgomery sec. 7 blk. D	250	45.0	7	1.0[1/]	do	6,300
630	Jones County school land league 3 labor 9	150	25.0	8	1.0[1/]	do	6,700
558	R. M. Thompson sec. 42 blk. A	400	32.0	7	1.0[1/]	do	16,000
438	Public school land sec. 16 blk. I	438	78.0	8	1.0[1/]	do	6,200
942	State Capitol land league 720 labor 19	350	25.0	8	1.0[1/]	do	18,000
895	Hardeman County school land league 67 labor 1	1,000	34.0	8	1.0[1/]	do	40,000
763	State Capitol land league 718 labor 9	325	30.0	7	1.0[1/]	do	14,000
867	State Capitol lands league 729 labor 13	375	20.0	8	1.0[1/]	do	24,000
810	State Capitol lands league 692 labor 13	400	46.0	7	1.0[1/]	do	11,000
866	McCulloch County school land league 22 labor 25	200	50.0	8	1.0[1/]	do	4,300
788	Haskell County school land league 77 labor 44	1,000	75.0	8	1.0[1/]	do	17,000
1369	Edwards County school land league 45 labor 5	1,000	40.0	8	1.0[1/]	do	33,000
403a	3½ miles west of Anton	660	22.4	8	7	1947	47,000
453b	1 mile north of Anton	775	33.61	8	14	do	39,000
434a	3 3/4 miles south of Anton	840	30.47	6	.25	do	35,000
429c	8 miles southeast of Anton	800	31.36	8	.333	do	29,000
443b	3¼ miles southeast of Anton	300	32.74	9	14	do	14,000
573a	5½ miles south of Levelland	750	42.91	8	14	do	29.000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Hockley County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
526a	1½ miles south of Levelland	430	28.01	6	32	1947	27,000
263a	3½ miles north of Levelland	870	49.85	8	10	1948	28,000
		Lamb County					
A- 31	11 3/4 miles west of Earth	815	23.0	8	0.333	1937	45,000
A- 65	6 miles west of Earth	1,590	24.3	8	1.0	1940	101,000
A- 78	9 miles west of Earth	2,240	35.9	10	18.0	1952	149,000
B- 27	6 miles north-northeast of Earth	745	13.0	7	.291	1938	76,000
B- 56	3 3/4 miles north of Earth	1,000	35.7	8	.5	do	37,000
B- 72	5½ miles northwest of Earth	1,150	34.0	8	2.0	1950	50,000
B- 88	4 miles west of Earth	750	25.3	8	3.12	1952	45,000
B-158	2¼ miles south of Earth	705	31.1	8	.25	do	25,000
B-170	3 3/4 miles south of Earth	594	9.1	7	.063	do	72,000
C- 16	3 3/4 miles north of Springlake	1,004	30.0	9	2.33	do	49,000
C- 38	8 miles northeast of Springlake	680	16.0	8	2.16	do	67,000
C-129	¼ mile south of Springlake	942	62.9	8	2.37	do	23,000
C-156	7¼ miles east of Springlake	900	27.1	8	3.0	1950	51,000
C-257	3½ miles southeast of Springlake	950	25.0	8	.166	1948	43,000
C-263	4½ miles southeast of Springlake	1,000	20.0	5	1.66	1937	81,000
D- 52	10 3/4 miles east of Springlake	1,365	27.4	8	2.16	1950	84,000
D-107	9¼ miles east-southeast of Springlake	900	20.7	8	5.0	do	70,000
D-121	11¼ miles east-southeast of Springlake	1,262	35.3	8	4.6	1952	57,000
F- 6	7 miles north of Amherst	82	6.0	4	1.0	1950	20,000
G-163	9 miles northeast of Littlefield	650	18.2	8	1.29	1937	50,000

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lamb County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
G-187	10¼ miles northeast of Littlefield	915	38.5	8	17.0	1952	40,000
H- 9	21½ miles northeast of Littlefield	1,292	31.1	8	1.83	do	61,000
H- 23	18¼ miles northeast of Littlefield	755	34.7	8	5.0	do	33,000
H- 61	13¼ miles northeast of Littlefield	727	32.7	8	3.53	do	33,000
H- 70	12½ miles northeast of Littlefield	917	27.6	8	3.25	do	50,000
K- 62	2¼ miles north of Littlefield	610	55.7	8	.75	do	12,000
L- 23	7¼ miles northeast of Littlefield	755	33.9	8	1.04	do	30,000
L-139	1½ miles east of Littlefield	400	38.0	6	.666	1936	13,000
L-185	5 miles east of Littlefield	680	15.0	8	.333	1952	59,000
L-233	10½ miles southeast of Littlefield	930	24.6	7	.25	1947	48,000
M- 23	14½ miles east of Littlefield	800	26.1	8	.333	1937	39,000
F-144	5½ miles south of Earth	1,000	23.0	7	1.0	1951	63,000
B-172	6 miles south of Earth	1,000	22.0	7	1.0	do	66,000
F-141	6¼ miles south of Earth	1,000	31.0	7	1.0	1950	46,000
B-169	3 miles south of Earth	1,000	20.0	7	1.0	do	74,000
555	E. K. Warren subd. blk. W sec. 33	1,500	15.0	8	1.0	Since 1952	150,000
650	E. K. Warren subd. blk. W sec. 21	1,800	60.0	8	1.0	do	43,000
684	W. E. Halsel subd. blk. 2 sec. 44	1,000	50.0	8	1.0	do	26,000
716	D & SERR Co. survey blk. 2 sec. 20	1,200	50.0	8	1.0	do	35,000
2335	King County school land league 230 labor 12	560	30.0	8	1.0	do	24,000
1254	Crockett County school land league 217 labor 24	150	30.0	6	1.0	do	5,700
1260	Collingsworth County school land league 225 labor 16	350	30.0	6	1.0	do	16,000

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lamb County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
1293	Castro County school land league 218 labor 13	1,500	45.0	8	1.0	Since 1952	46,000
1290	Sterling County school land league 229 labor 13	800	41.0	8	1.0	do	26,000
1304	Collingsworth County school land league 223 labor 15	600	50.0	8	1.0	do	15,000
1411	State Capitol lands league 661 labor 16	140	8.0	7	1.0	do	23,000
1418	T. H. Thompson blk. T sec. 4	500	40.0	8	1.0	do	16,000
1438	State Capitol land league 635 labor 12	1,000	30.0	8	1.0	do	46,000
1448	Ochiltree County school land league 208 labor 9	600	40.0	8	1.0	do	19,000
1435	Collingsworth County school land league 222 labor 10	1,000	43.0	8	1.0	do	31,000
1473	State Capitol land league 647 labor 22	800	58.0	8	1.0	do	18,000
1482	R. M. Thompson survey blk. 1 sec. 29	600	34.0	8	1.0	do	24,000
1532	State Capitol land league 644 labor 25	650	24.0	8	1.0	do	37,000
1602	State Capitol land league 642 labor 19	560	35.0	8	1.0	do	21,000
1557	Crockett County school land league 216 labor 23	65	35.0	6	1.0	do	1,900
1815	State Capitol land league 652 labor 7	400	24.0	8	1.0	do	21,000
1669	State Capitol land league 649 labor 12	800	40.0	8	1.0	do	26,000
2007	Sterling County school land league 226 labor 24	300	65.0	8	1.0	do	5,200

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lamb County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
2203	League 672 labor 18	265	20.0	8	1.0	Since 1952	17,000
2225	Sterling County school land league 229 labor 25	50	12.0	8	1.0	do	4,500
852	State Capitol land league 660 labor 8	500	47.0	8	1.0	do	12,000
897	State Capitol land league 648 labor 16	600	31.0	8	1.0	do	25,000
711	T. A. Thompson sec. 58 blk. T	1,000	26.0	8	1.0	do	52,000
944	R. M. Thompson survey blk. A sec. 120	500	30.0	8	1.0	do	22,000
910	T. A. Thompson blk. 11 sec. 9	1,000	34.0	8	1.0	do	40,000
833	State Capitol land league 643 labor 18	1,000	50.0	8	1.0	do	26,000
1131	R. M. Thompson blk. 1 sec. 55	1,000	40.0	8	1.0	do	33,000
--	League 216 labor 9	180	60.0	6	1.0	do	3,300
1114	E. K. Warren survey blk. W sec. 62	1,000	50.0	8	1.0	do	26,000
1140	King County school land league 231 labor 4	1,000	58.0	8	1.0	do	23,000
724	EL & RRR Co. blk. 81 sec. 22	800	20.0	8	1.0	do	57,000
1237	D & SERR Co. survey blk. 5 sec. 26	1,100	22.0	8	1.0	do	75,000
1146	State Capitol land league 658 labor 15	600	68.0	8	1.0	do	10,000
710	State Capitol land league 659 labor 24	150	30.0	7	1.0	do	5,700
1219	Collingsworth County school land league 223 labor 9	1,000	40.0	9	1.0	do	33,000
1227	Collingsworth County school land league 225 labor 3	150	40.0	5	1.0	do	4,300

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lamb County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
1248	Sterling County school land league 226 labor 5	1,000	45.0	8	1.0	Since 1952	30,000
		Lubbock County					
132	4 3/4 miles west of Lubbock	625	36.21	9	14.0	1947	22,000
421	8½ miles northwest of Lubbock	815	43.71	9	21.0	do	39,000
492	17 miles northeast of Lubbock	531	33.27	8	21.0	do	23,000
509	16½ miles northeast of Lubbock	1,060	28.4	8	21.0	do	66,000
514	17 miles northeast of Lubbock	925	21.71	8	21.0	do	60,000
515	17½ miles northeast of Lubbock	500	27.41	8	2.0	do	26,000
517	17 miles northeast of Lubbock	800	25.32	8	14.0	do	61,000
523	16½ miles northeast of Lubbock	825	23.2	8	15.0	do	59,000
528	14 miles northeast of Lubbock	250	52.84	12	21.0	do	6,700
571	10 miles northeast of Lubbock	495	83.34	8	.0208	do	4,000
574	9 miles northeast of Lubbock	703	14.02	8	.333	do	66,000
579	10 miles northeast of Lubbock	639	19.54	9	14.0	do	53,000
580	10 miles northeast of Lubbock	756	19.30	8	.333	do	50,000
736	10½ miles northwest of Lubbock	963	26.59	8	.125	do	42,000
766	10 miles west of Lubbock	554	37.83	8	.166	do	15,000
776	10½ miles southwest of Lubbock	666	33.82	8	1.5	do	27,000
820a	13½ miles southeast of Lubbock	975	27.50	7	18.0	do	63,000
878b	8½ miles east of Lubbock	671	26.62	8	1.67	1947	59,000
119a	8 miles west of Lubbock	886	30.19	7	.125	do	32,000
821a	13 miles south of Lubbock	700	27.38	8	21.0	do	45,000

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lubbock County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
377a	13½ miles southeast of Lubbock	850	40.73	8	10.0	1947	34,000
868a	9½ miles southeast of Lubbock	558	24.0	7	.333	do	27,000
868b	9½ miles southeast of Lubbock	671	25.34	7	.333	do	34,000
528a	14 miles east of Lubbock	423	84.0	8	.208	do	4,600
75b	8 miles north of Lubbock	729	49.72	8	.5	do	17,000
853a	5 miles southeast of Lubbock	343	26.97	7	14.0	do	21,000
143	5½ miles northwest of Lubbock	800	24.0	7	35.0	1937	61,000
C- 5	1½ miles northwest of Lubbock	440	49.0	12	.333	1929	84,000
C- 9	1½ miles southeast of Lubbock	650	55.0	9	3.0	1937	16,000
C-11	2¼ miles northwest of Lubbock	500	36.0	9	2.75	1938	19,000
C-12	2½ miles northwest of Lubbock	430	53.0	9	3.83	do	11,000
C-14	1 mile north of Lubbock	535	65.0	9	6.96	1940	12,000
C-16	3 miles northwest of Lubbock	640	78.0	9	2.25	1941	10,000
116	9 miles northwest of Lubbock	800	25.2	8	10.0	1936	53,000
128	3 3/4 miles west of Lubbock	600	43.0	7	.5	1937	16,000
416	11½ miles northeast of Lubbock	700	22.0	8	.25	1945	36,000
599	8 miles northeast of Lubbock	1,000	19.0	8	.297	1944	69,000
604	5½ miles northeast of Lubbock	835	27.0	8	1.25	do	44,000
751	14 miles northwest of Lubbock	750	43.0	8	1.0	1942	23,000
650	6½ miles northeast of Lubbock	567	34.51	8 1/	1.0 1/	1945	21,000
560	10 miles northeast of Lubbock	623	36.15	8 1/	1.0 1/	do	23,000
532	14 miles northeast of Lubbock	580	35.56	8 1/	1.0 1/	1941	21,000
583	11 miles east of Lubbock	583	21.0	7	1.0 1/	1947	38,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lubbock County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
253	City of Slaton	500	35.0	9	1.0 1/	1925	18,000
1107	EL & RRR CO. sec. 44 blk. JS	575	20.0	8	1.0 1/	Since 1952	39,000
1104	Sec. 42 blk. D-3	560	30.0	8	1.0 1/	do	24,000
1158	Sec. 8 blk. S	150	28.0	8	1.0 1/	do	6,000
1075	Sec. 14 blk. E	400	63.0	8	1.0 1/	do	7,100
1108	C & MRR Survey sec. 5 blk. CB	350	63.0	8	1.0 1/	do	6,200
1012	Sec. 38 blk. C-2	850	39.0	8	1.0 1/	do	29,000
--	Sec. 17 blk. C-13	500	50.0	6	1.0 1/	do	13,000
899	Sec. 11 blk. D-5	850	65.0	8	1.0 1/	do	17,000
918	Sec. 55 blk. P	560	65.0	7	1.0 1/	do	11,000
867	Sec. 31 blk. DT	850	30.0	8	1.0 1/	do	38,000
706	Sec. 28 blk. E-2	300	27.0	6	1.0 1/	do	15,000
735	Sec. 36 blk. D	950	40.0	8	1.0 1/	do	32,000
555	Sec. 20 blk. D	950	55.0	8	1.0 1/	do	23,000
552	Sec. 110 blk. C	600	81.0	8	1.0 1/	do	8,400
786	Sec. 44 blk. D	500	41.89	8	1.0 1/	do	15,000
--A	Sec. 9 blk. C-K	1,000	7.0	8	1.0 1/	do	16,000
254	Sec. 30 blk. D-6	160	34.0	6	1.0 1/	do	5,400
233	Sec. 24 blk. E-2	75	29.0	6	1.0 1/	do	2,800
--	Sec. 2 blk. AK	350	49.0	8	1.0 1/	do	8,000
		Lynn County					
A-12	18½ miles northwest of Tahoka	500	16.7	8	15.0	1949	51,000
A-20	17± miles northwest of Tahoka	825	50.9	8	7.0	do	25,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lynn County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
A-23	16½ miles northwest of Tahoka	800	35.5	8	0.25	1949	25,000
A-30	16¼ miles northwest of Tahoka	1,000	20.6	8	2.5	do	75,000
A-40	15¼ miles northwest of Tahoka	975	34.0	8	21.0	do	50,000
A-43	15 miles northwest of Tahoka	420	46.1	8	9.6	do	12,000
A-48	15 miles northwest of Tahoka	415	39.7	8	.417	do	13,000
A-66	11 miles northwest of Tahoka	775	42.4	7	3.0	do	27,000
B-20	15 miles north of Tahoka	930	25.4	8	2.08	do	54,000
B-52	13½ miles north of Tahoka	610	15.7	8	.083	do	41,000
C- 2	15½ miles northwest of Tahoka	783	20.0	8	.833	1946	53,000
C-22	18 miles northeast of Tahoka	405	10.3	8	.417	1949	54,000
C-32	16¼ miles northeast of Tahoka	650	11.3	8	.333	do	76,000
C-55	13¼ miles northeast of Tahoka	210	17.2	8	.229	do	13,000
E- 4	4½ miles north of Tahoka	150	40.0	5	1.0	1946	4,300
E-18	1½ miles north of Tahoka	573	39.1	8	6.0	1949	24,000
F-17	10¼ miles southeast of Tahoka	1,000	44.0	8	3.0	do	34,000
B-28	15½ miles north of Tahoka	925	21.9	8	24.0	?	75,000
400	League 4 blk. 139 lots 8 & 9	250	20.0	6	1.0[1/]	Since 1952	17,000
418	Sec. 170 blk. 12 EL&RRRR Co.	500	35.0	8	1.0[1/]	do	19,000
767	Sec. 135 blk. 12 EL&RRRR Co.	75	35.0	8	1.0[1/]	do	2,100
736	Sec. 16 blk. L	300	18.0	6	1.0[1/]	do	23,000
735	Sec. 1 J. Hays Survey	250	30.0	7	1.0[1/]	do	11,000
695	Sec. 9 blk. D-23	60	30.0	5	1.0[1/]	do	2,200
710	Sec. 153 blk. 9	160	70.0	6	1.0[1/]	do	2,500

[1/] Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Lynn County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
707	Sec. 16 blk. L	65	12.0	5	1.0[1/]	Since 1952	7,200
1065	Sec. 10 blk. 11 EL&RRRR Co.	250	35.0	6	1.0[1/]	do	8,200
1014	Sec. 55 blk. 20	60	25.0	5	1.0[1/]	do	2,700
996	Sec. 402 blk. I	115	32.0	6	1.0[1/]	do	4,000
972	Sec. 423 blk. 21 HE&WT Survey	500	45.0	6	1.0[1/]	do	15,000
954	Sec. 3 blk. M	900	57.0	7	1.0[1/]	do	21,000
915	Sec. 171 blk. 12	900	31.0	8	1.0[1/]	do	40,000
		Parmer County					
615	Sec. 9 T. 4½ S., R. 5 E.	1,000	20.0	9	1.0[1/]	Since 1952	70,000
566	Sec. 11 T. 5 S., R. 4 E.	1,000	34.0	8	1.0[1/]	do	40,000
?	Sec. 32 T. 4 S., R. 4 E.	1,000	50.0	8	1.0[1/]	do	26,000
568	Sec. 6 Kelly subd.	1,100	40.0	8	1.0[1/]	do	37,000
524	Sec. 2 blk. Z T. 14 S., R. 3 E.	950	50.0	8	1.0[1/]	do	25,000
533	Sec. 1 blk. C. Syndicated subd.	1,000	20.0	9	1.0[1/]	do	71,000
531	Sec. 8 T. 5 S., R. 4 E.	1,000	26.0	8	1.0[1/]	do	54,000
505	4 miles southwest of Bovina sec. 6 T. 10 S., R. 1 E.	1,000	54.0	9	1.0[1/]	do	24,000
529	Sec. 26 T. 2 N., R. 2 E.	500	13.0	8	1.0[1/]	do	54,000
500	Sec. 6 blk. A Rhea survey	650	44.0	8	1.0[1/]	do	19,000
496	Sec. 5 T. 1 N., R. 4 E.	1,000	49.0	8	1.0[1/]	do	27,000
487	Sec. 20 blk. B Syndicated subd.	1,000	30.0	8	1.0[1/]	do	46,000
485	Sec. 33 T. 2 N., R. 3 E.	700	35.0	9	1.0[1/]	do	26,000
460	Sec. 31 Harding survey	1,000	39.0	9	1.0[1/]	do	35,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Parmer County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
972	Sec. 10 blk. Z T. 14 S., R. 3 E.	1,000	25.0	8	1.0[1/]	Since 1952	57,000
731	Sec. 14 T. 9 S., R. 1 E.	1,000	40.0	8	1.0[1/]	do	37,000
1058	Sec. 21 T. 3 S., R. 3 E.	1,000	50.0	8	1.0[1/]	do	26,000
1059	Sec. 19 T. 6 S., R. 3 E.	1,000	20.0	9	1.0[1/]	do	70,000
1057	Sec. 10 J. T. Jarrel subd.	1,000	50.0	8	1.0[1/]	do	26,000
1054	Sec. 34 Doud & Keefer	1,100	33.0	8	1.0[1/]	do	55,000
1042	Sec. 2 Sullivan survey	1,000	80.0	8	1.0[1/]	do	16,000
1044	Sec. 10 blk. B Rhea survey	1,000	30.0	8	1.0[1/]	do	46,000
1011	Sec. 16 blk. B Rhea Survey	1,000	100.0	8	1.0[1/]	do	11,000
949	Sec. 13 T. 4 S., R. 4 E.	1,000	39.0	8	1.0[1/]	do	35,000
848	Sec. 16 blk. B	1,000	37.0	8	1.0[1/]	do	37,000
330	Sec. 7 T. 16 S., R. 1 E.	1,000	86.0	8	1.0[1/]	do	15,000
874	Sec. 10 T. 16 S., R. 1 E.	1,000	55.0	8	1.0[1/]	do	24,000
669	Sec. 5 T. 15 S., R. 2 E.	1,000	70.0	8	1.0[1/]	do	21,000
716	Sec. 11 T. 10 S. R. 2 E.	1,000	20.0	8	1.0[1/]	do	71,000
514A	Sec. 17 blk. Y T. 15 S., R. 2 E.	1,700	70.0	8	1.0[1/]	do	32,000
1404	Sec. 41 blk. A. Syndicated subd.	1,000	38.0	8	1.0[1/]	do	36,000
1223	Sec. 16 T. 16 S., R. 1 E.	1,000	46.0	8	1.0[1/]	do	29,000
1265	Sec. 2 T. 16 S., R. 1 E.	1,000	50.0	8	1.0[1/]	do	26,000
		Randall County					
488	Sec. 6 blk. M-8 AB&M	800	15.0	8	1.0[1/]	Since 1952	78,000
477	Sec. 177 blk. M-9 JHG	350	30.0	6	1.0[1/]	do	15,000

[1/] Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Randall County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
484	Sec. 6 blk. M-9 JHG	500	20.0	7	1.0[1/]	Since 1952	29,000
423	Sec. 6 blk. 1 TTRR	500	50.0	8	1.0[1/]	do	12,000
353	Sec. 55 blk. B-5 H&GS	1,000	53.0	8	1.0[1/]	do	25,000
476	Sec. 68 blk. 9 BS&F	150	34.7	7	1.0[1/]	do	4,800
464	Sec. 52 blk. 7 BS&F	1,000	38.0	8	1.0[1/]	do	36,000
424	Sec. 14 blk. 8 BS&F	1,000	90.0	8	1.0[1/]	do	14,000
432	Sec. 81 blk. M-9 JHG	300	64.0	8[1/]	1.0[1/]	do	5,200
318	Sec. 8 blk. 11 TTRR	1,000	55.0	9	1.0[1/]	do	23,000
493	Sec. 38 blk. 9 BS&F	800	49.0	8	1.0[1/]	do	21,000
392	Sec. 83, blk. B-5 BLK	1,000	75.0	8	1.0[1/]	do	17,000
391	Sec. 19 blk. B-5 BLK	400	55.0	8	1.0[1/]	do	8,300
394	Sec. 9 blk. M-9 JHG	525	52.0	8	1.0[1/]	do	12,000
345	Sec. 62 blk. 9 BS&F	1,000	60.0	8	1.0[1/]	do	22,000
347	Sec. 139 blk. M-9 JHG	450	25.0	8[1/]	1.0[1/]	do	24,000
357	Sec. 40 blk. M-9 AB&M Survey	250	30.0	8	1.0[1/]	do	9,500
444	Sec. 2 blk. M-9 JHG	180	40.0	6	1.0[1/]	do	5,300
443	Sec. 4 blk. M-9 JHG	200	33.0	6	1.0[1/]	do	7,000
250	Sec. 1 blk. 11 BS&F	1,075	33.0	8	1.0[1/]	do	45,000
689	Sec. 142 blk. M-9 BS&F	500	33.0	8	1.0[1/]	do	20,000
686	Sec. 172 blk. M-9 BS&F	600	50.0	8	1.0[1/]	do	15,000
685	Sec. 58 blk. 1 TTRR	560	50.0	8	1.0[1/]	do	14,000
627	Sec. 177 blk. M-9 JHG	200	35.0	7	1.0[1/]	do	6,500
606	Sec. 172 blk. M-9 JHG	450	30.0	8	1.0[1/]	do	18,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Randall County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
614	Sec. 3 blk. 1 TTRR	1,000	70.0	8	1.0[1/]	Since 1952	19,000
561	Sec. 77 blk. M-6 SK&K	600	25.0	8	1.0[1/]	do	32,000
531	Sec. 1 blk. 2 McMurtry Acres	140	20.0	4	1.0[1/]	do	7,900
790	Sec. 44 blk. 1 TTRR	800	70.0	8	1.0[1/]	do	14,000
1077	Sec. 41 blk. M-6 SK&K	600	35.0	8	1.0[1/]	do	23,000
		Swisher County					
32	7 miles northwest of Tulia	1,200	37.0	9	5.84	1935	51,000
201	6½ miles east of Tulia	950	26.0	9	.25	1937	42,000
317	7½ miles southeast of Tulia	900	28.0	9	1.0	do	43,000
376	12½ miles south of Tulia	900	26.0	9	.166	1938	38,000
410	9½ miles south of Tulia	800	24.0	9	21.0	1937	58,000
415	12 miles southwest of Tulia	900	35.5	9	.416	do	29,000
52	3/4 mile west of Tulia	500	15.0	9	.166	?	36,000
66	11½ miles northwest of Tulia	1,000	30.0	8	30.0	1944	61,000
259	16½ miles southeast of Tulia	1,700	37.0	9	7.0	1939	75,000
269	18 miles southeast of Tulia	725	49.0	8	.375	do	16,000
372	15 miles south of Tulia	500	23.2	13	.583	1940	23,000
431	9½ miles south of Tulia	700	16.5	9	.541	1939	56,000
803	6½ miles south of Tulia	950	35.0	10	.25	do	29,000
888	10½ miles southeast of Tulia	1,000	25.0	8	.208	1938	46,000
1	13 miles northwest of Tulia	550	74.0	9	1.0[1/]	1937	8,300
22	12½ miles northwest of Tulia	750	46.0	9	1.0[1/]	1937	21,000
25	9½ miles northwest of Tulia	800	32.0	9	1.0[1/]	do	33,000

1/ Estimated.

Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

Swisher County--Continued

WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
36	4½ miles northwest of Tulia	1,500	35.0	9	1.0[1/]	1941	59,000
40	4½ miles north of Tulia	900	33.0	9	1.0[1/]	1937	36,000
112	13 miles northeast of Tulia	700	25.0	9	1.0[1/]	do	37,000
114	9 miles northeast of Tulia	900	25.0	9	1.0[1/]	do	49,000
115	9 miles northeast of Tulia	900	38.0	9	1.0[1/]	do	31,000
141	3¼ miles east of Tulia	650	15.0	9	1.0[1/]	do	60,000
171	17½ miles northeast of Tulia	1,000	60.0	7	1.0[1/]	1944	22,000
202	6½ miles east of Tulia	800	63.0	9	1.0[1/]	1937	14,000
369	14½ miles south of Tulia	907	21.0	13	1.0[1/]	1936	57,000
407	7½ miles southwest of Tulia	900	39.0	9	1.0[1/]	1937	30,000
852	10 miles south of Tulia	800	55.0	8[1/]	1.0[1/]	1946	19,000
947	7 miles southwest of Tulia	635	29.0	7	1.0[1/]	1947	30,000
823	9 miles south of Tulia	698	38.86	8	1.0[1/]	do	24,000
448	12½ miles southwest of Tulia	729	20.53	8[1/]	1.0[1/]	do	50,000
858	9 miles south of Tulia	1,134	32.68	8	1.0[1/]	do	48,000
743	Northwest ¼ northwest ¼ sec. 74 blk. B-2	842	33.97	8[1/]	1.0[1/]	do	33,000
709	13½ miles southeast of Tulia	750	44.58	8	1.0[1/]	do	22,000
704	9½ miles southeast of Tulia	470	43.88	8[1/]	1.0[1/]	do	12,000
297	7½ miles southeast of Tulia	750	28.95	6	1.0[1/]	do	36,000
806	1 3/4 miles southeast of Tulia	770	24.19	8	1.0[1/]	do	44,000
		Terry County					
None	Sec. 86 blk. D-11	1,000	21.0	7	2.0	1954	73,000
None	Sec. 98 blk. 4-X	675	30.0	8	3.0	do	32,000

1/ Estimated.

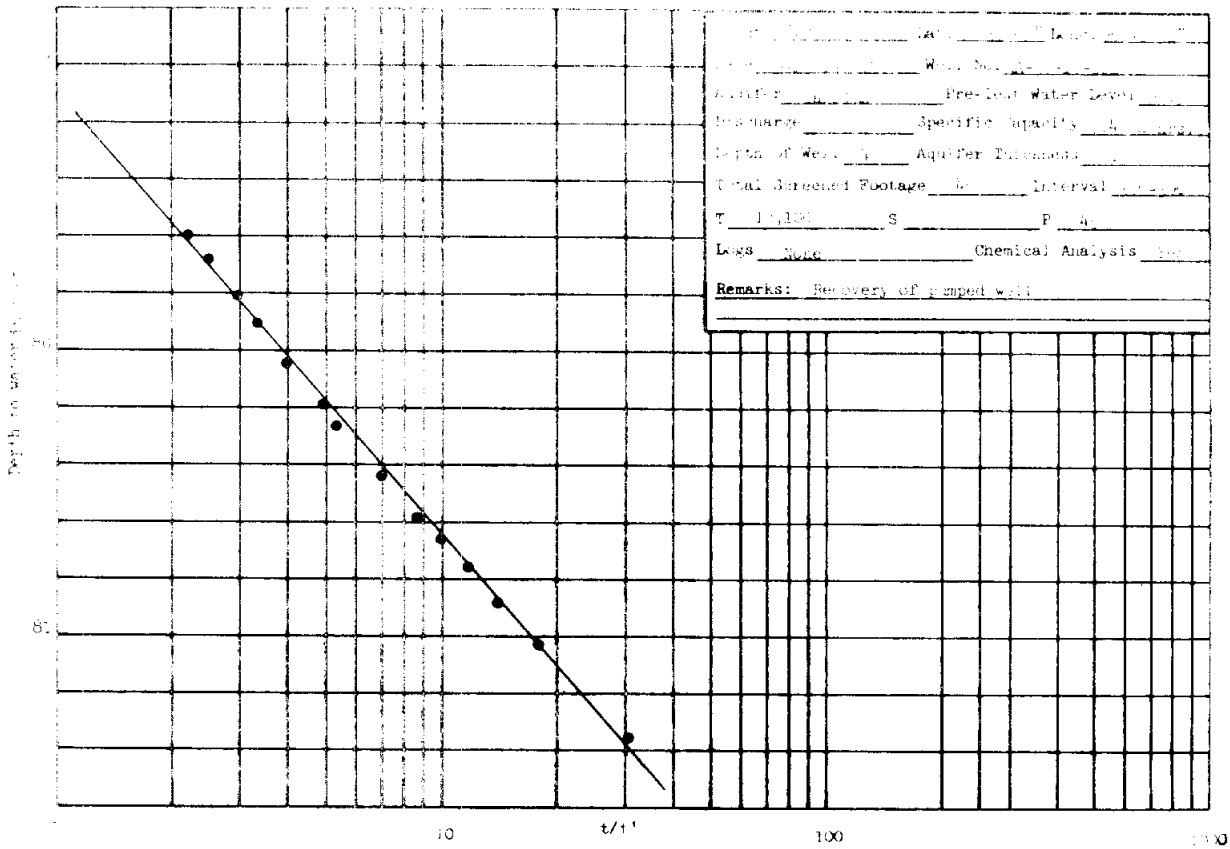
Table 1.--Transmissibilities Estimated From One Drawdown Measurement, South High Plains--Continued

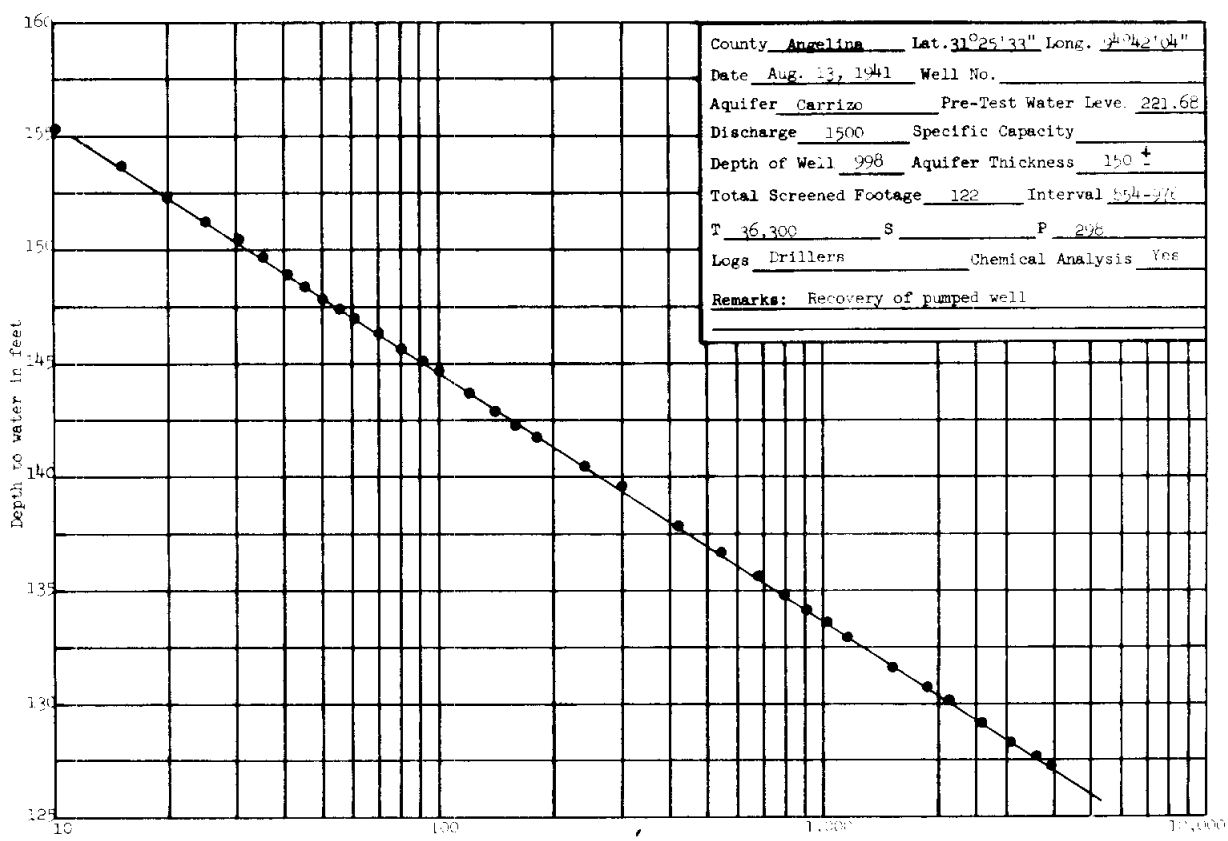
Terry County--Continued

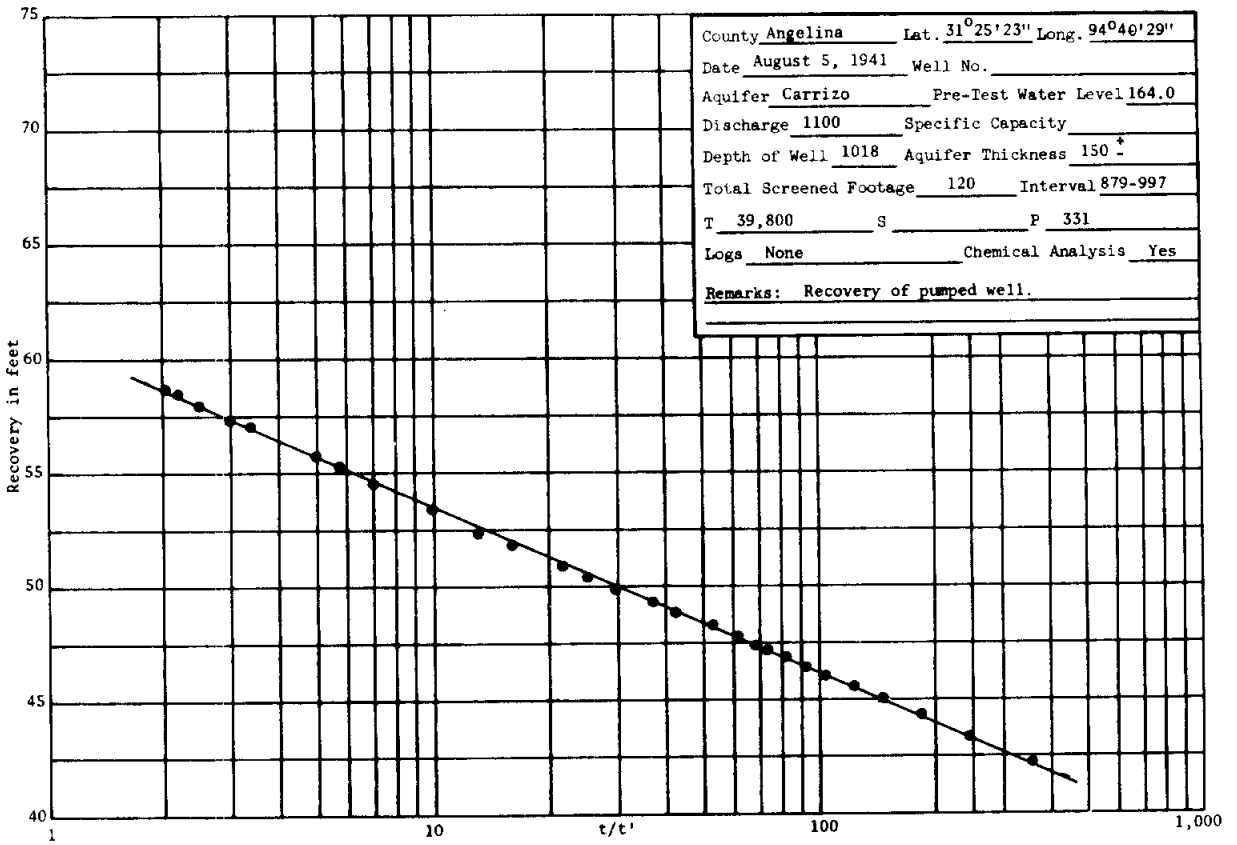
WELL NUMBER	LOCATION	DISCHARGE GALLONS PER MINUTE	DRAWDOWN IN FEET	RADIUS OF WELL INCHES	PUMPING TIME IN DAYS	YEAR MEASURED	ESTIMATED TRANSMISSIBILITY GPD PER FOOT
None	Sec. 165 blk. T D&WRR	1,000	48.0	8	1.5	1952	29,000
None	Sec. 141 blk. D-11	450	19.0	7	1.33	1953?	33,000
51	In or near Meadow	105	45.0	6	1.0	1938?	2,500
None	Sec. 136 blk. T	100	9.0	7	.71	?	17,000
None	7 miles southeast of Meadow	120	42.0	7	7.0	?	3,200
None	4 miles east of Meadow	180	33.0	7	.25	?	5,300
None	12 miles southwest of Brownfield	105	4.0	7	.667	?	32,000
None	3½ miles north of Seagraves	350	24.0	8	.167	?	15,000
None	13 miles southwest of Brownfield	600	9.0	8	.208	?	86,000

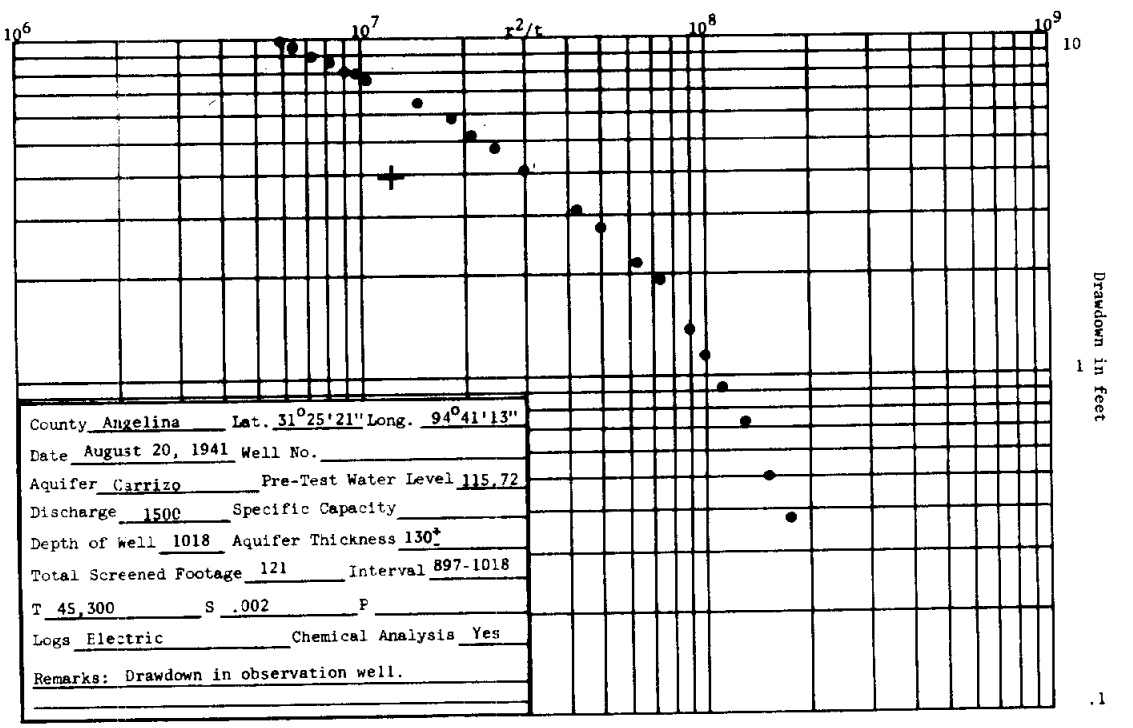
GRAPHS SHOWING AQUIFER-TEST DATA

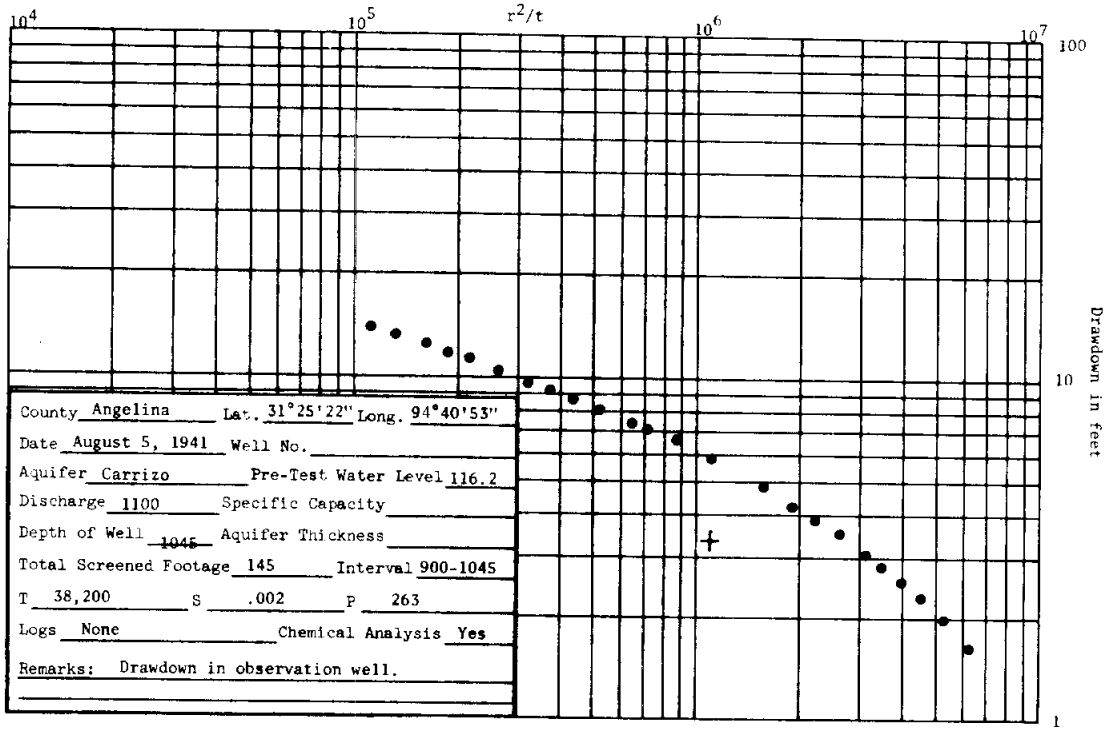
Graphs Are Arranged Alphabetically by
County, and in Well-Number Sequence
Within Each County.

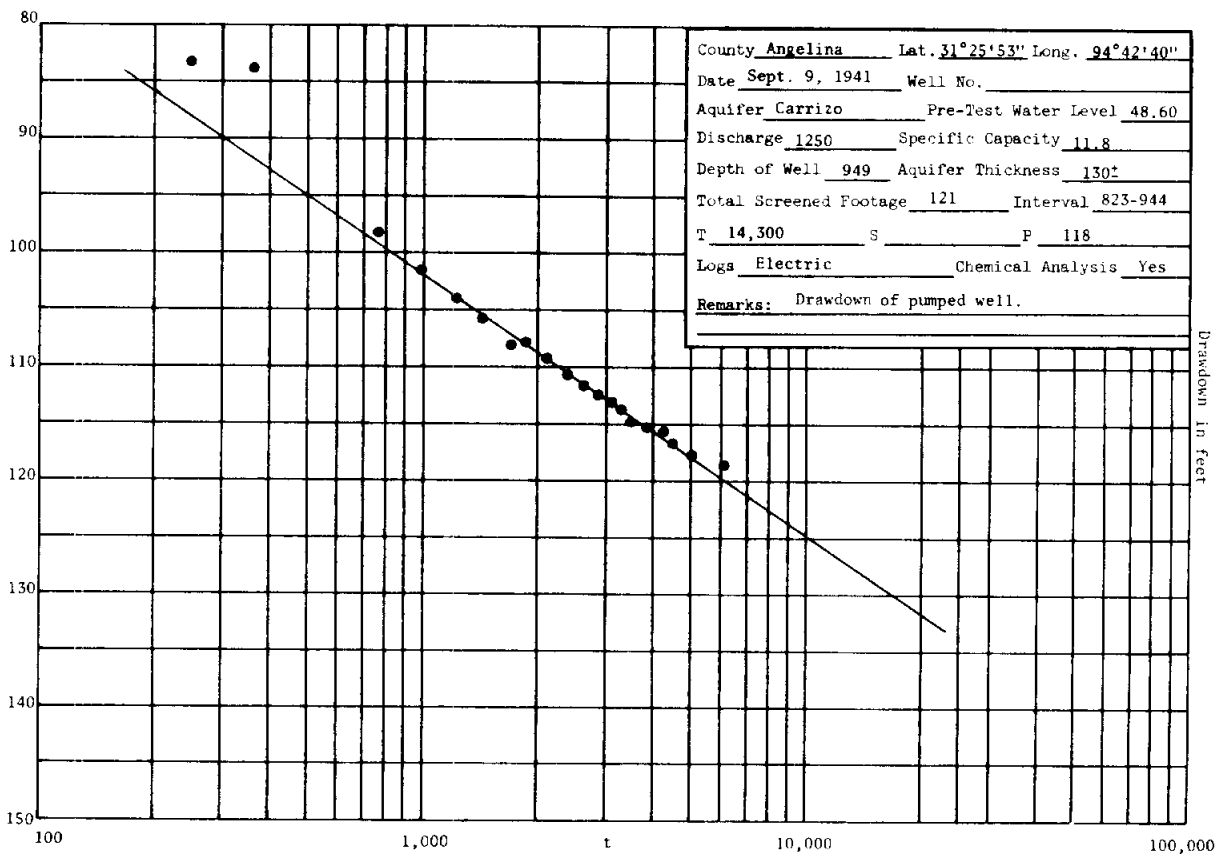

Depth to water in feet
80
90
10
t/r'
100
1000
Aquifer
Pre-Test Water Level
Discharge
Specific Capacity
Depth of Well
Aquifer Thickness
Total Screened Footage
Interval
T
S
P
Logs None
Chemical Analysis
Remarks: Recovery of pumped well

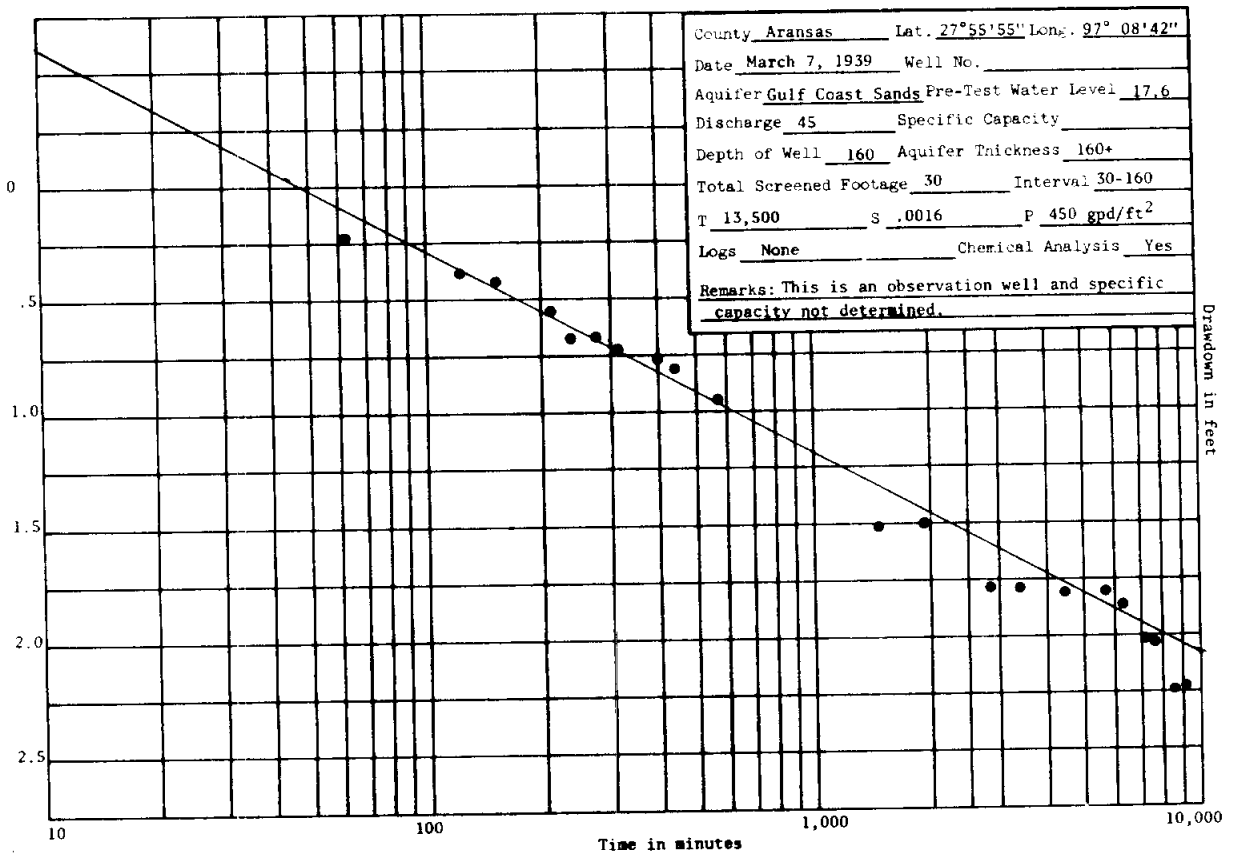

Depth to water in feet
160
155
150
145
140
135
130
125
10
100
1,000
10,000
t/r'
County Angelina Lat. 31°25'33" Long. 94°42'04"
Date Aug. 13, 1941 Well No.
Aquifer Carrizo Pre-Test Water Leve. 221.68
Discharge 1500 Specific Capacity
Depth of Well 998 Aquifer Thickness 150 ±
Total Screened Footage 122 Interval 554-976
T 36,300 S P 296
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well

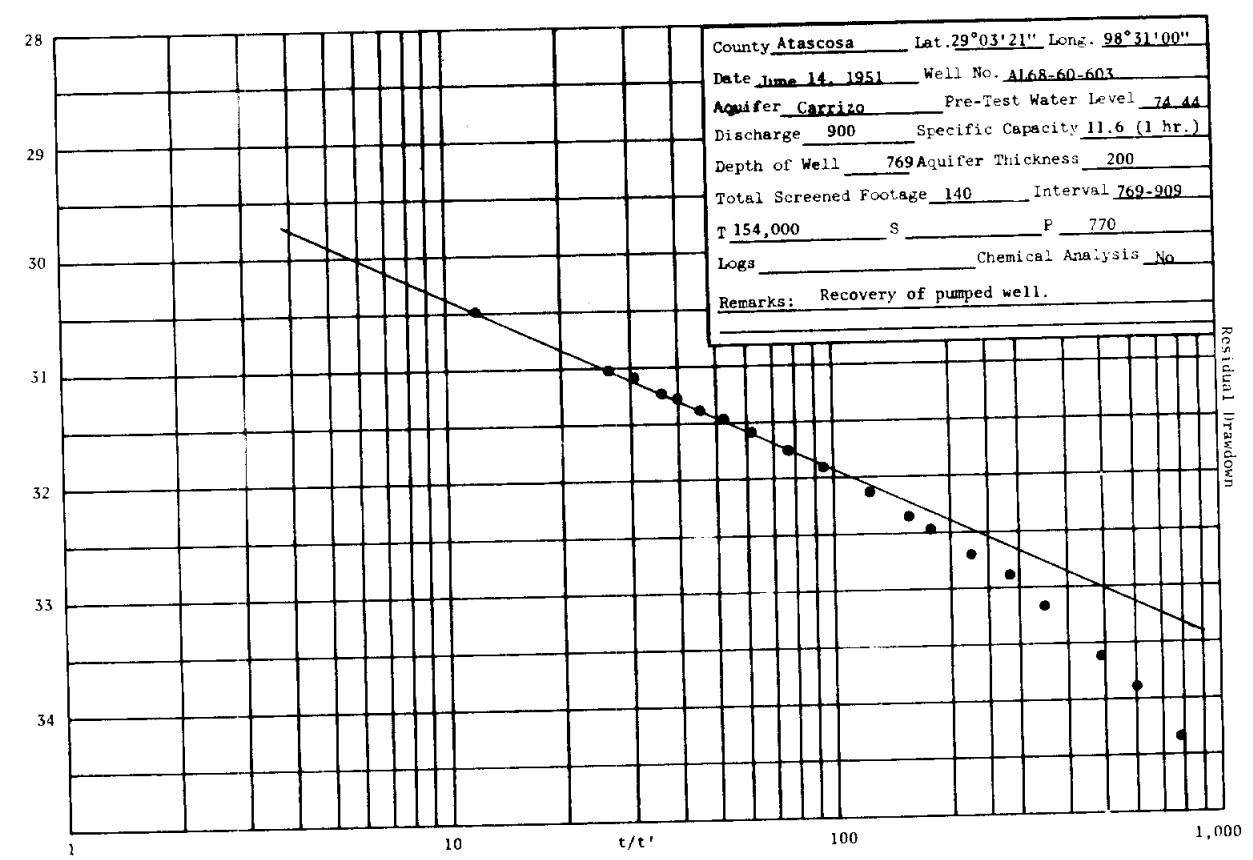

75
70
65
60
55
50
45
40
Recovery in feet
1
10
t/t'
100
1,000
County Angelina Lat. 31°25'23" Long. 94°40'29"
Date August 5, 1941 Well No.
Aquifer Carrizo Pre-Test Water Level 164.0
Discharge 1100 Specific Capacity
Depth of Well 1018 Aquifer Thickness 150 ±
Total Screened Footage 120 Interval 879-997
T 39,800 S P 331
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

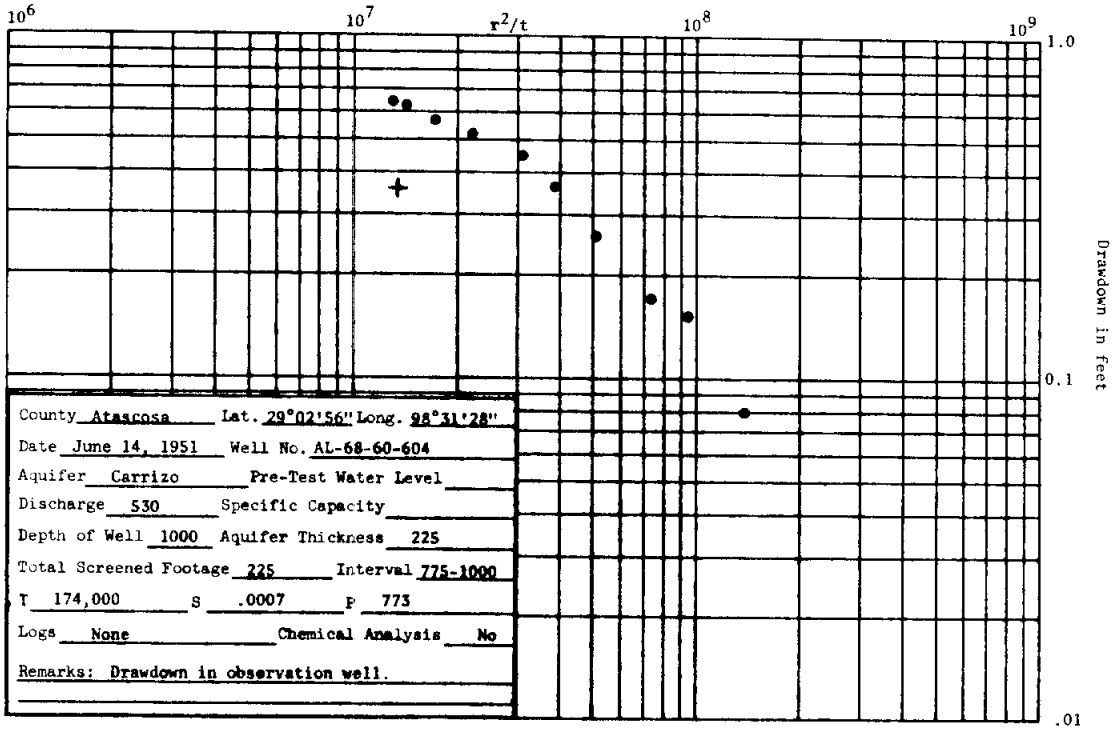

10⁶
10⁷
r²/t
10⁸
10⁹
10
1
.1
Drawdown in feet
County Angelina Lat. 31°25'21" Long. 94°41'13"
Date August 20, 1941 Well No.
Aquifer Carrizo Pre-Test Water Level 115.72
Discharge 1500 Specific Capacity
Depth of Well 1018 Aquifer Thickness 130±
Total Screened Footage 121 Interval 897-1018
T 45,300 S .002 P
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

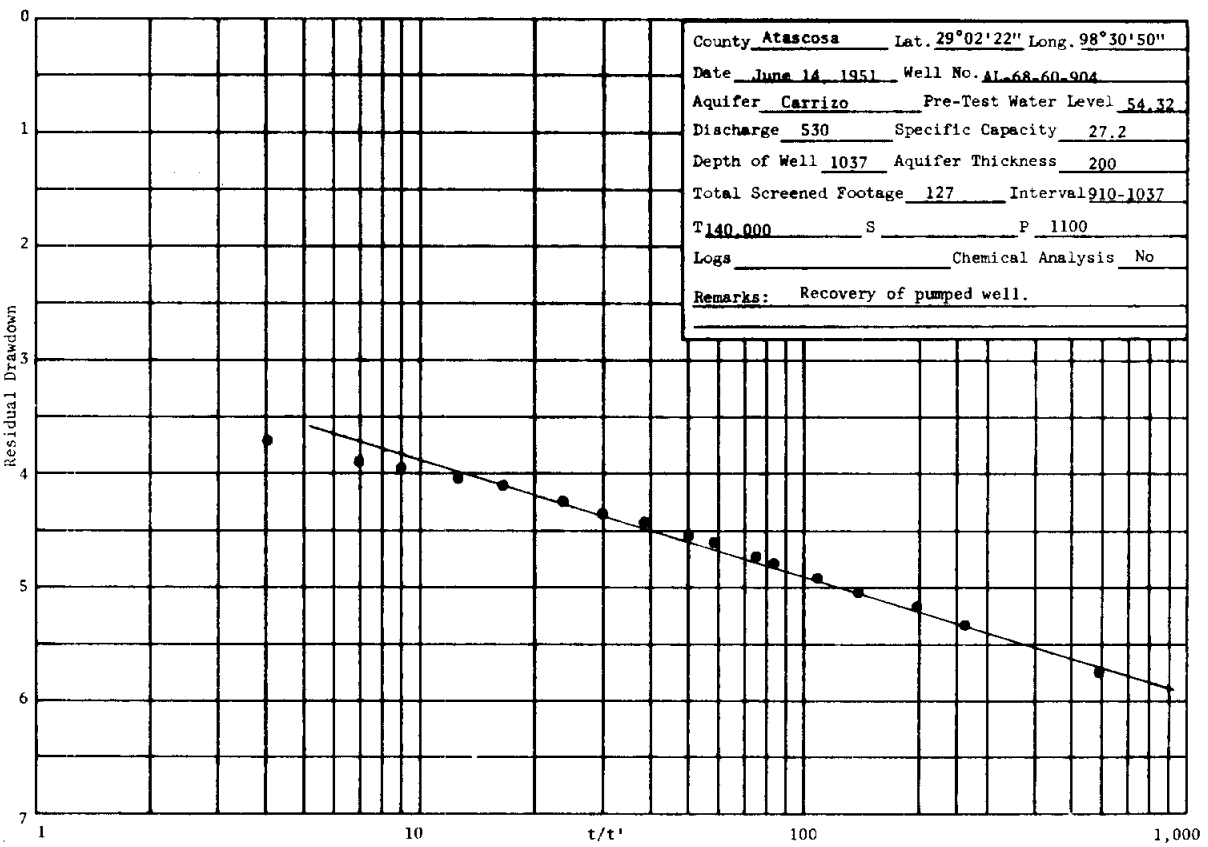

10^4
10^5
r^2/t
10^6
10^7
100
10
1
Drawdown in feet
County Angelina Lat. 31°25'22" Long. 94°40'53"
Date August 5, 1941 Well No.
Aquifer Carrizo Pre-Test Water Level 116.2
Discharge 1100 Specific Capacity
Depth of Well 1045 Aquifer Thickness
Total Screened Footage 145 Interval 900-1045
T 38,200 S .002 P 263
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.

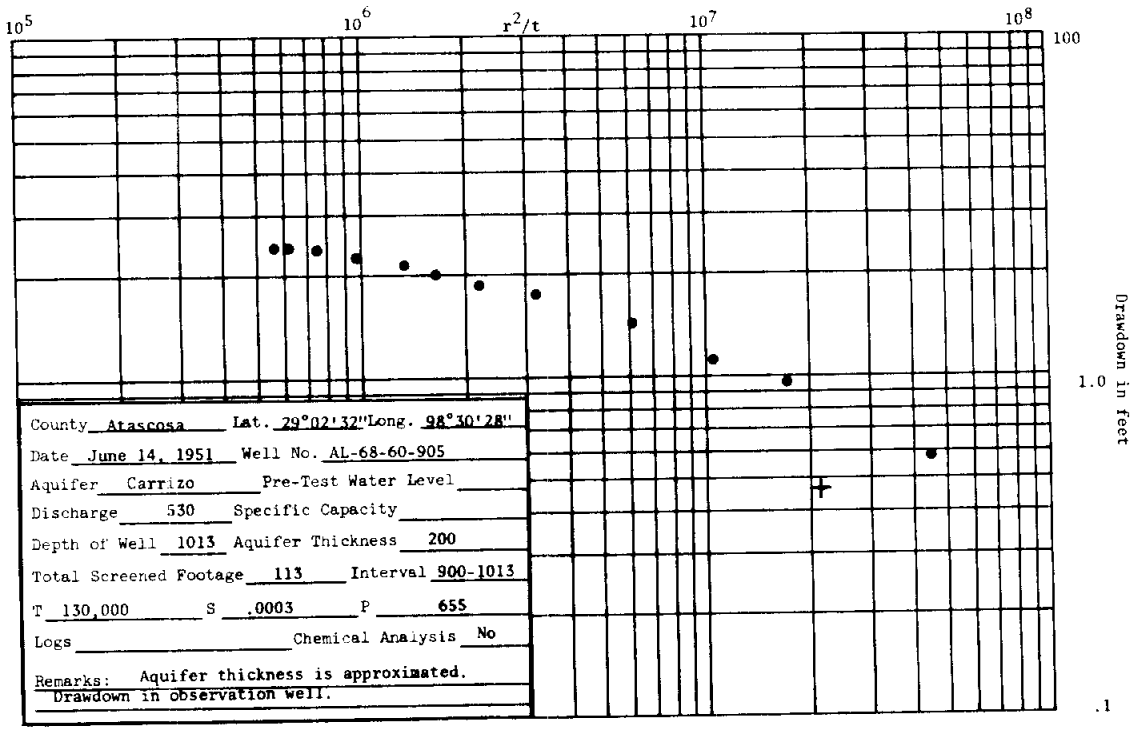

80
90
100
110
120
130
140
150
100
1,000
t
10,000
100,000
Drawdown in feet
County Angelina Lat. 31°25'53" Long. 94°42'40"
Date Sept. 9, 1941 Well No.
Aquifer Carrizo Pre-Test Water Level 48.60
Discharge 1250 Specific Capacity 11.8
Depth of Well 949 Aquifer Thickness 130±
Total Screened Footage 121 Interval 823-944
T 14,300 S P 118
Logs Electric Chemical Analysis Yes
Remarks: Drawdown of pumped well.


County Aransas Lat. 27°55'55" Long. 97° 08'42"
Date March 7, 1939 Well No.
Aquifer Gulf Coast Sands Pre-Test Water Level 17.6
Discharge 45 Specific Capacity
Depth of Well 160 Aquifer Thickness 160+
Total Screened Footage 30 Interval 30-160
T 13,500 S .0016 P 450 gpd/ft²
Logs None Chemical Analysis Yes
Remarks: This is an observation well and specific capacity not determined.
0
.5
1.0
1.5
2.0
2.5
10
100
1,000
10,000
Time in minutes
Drawdown in feet

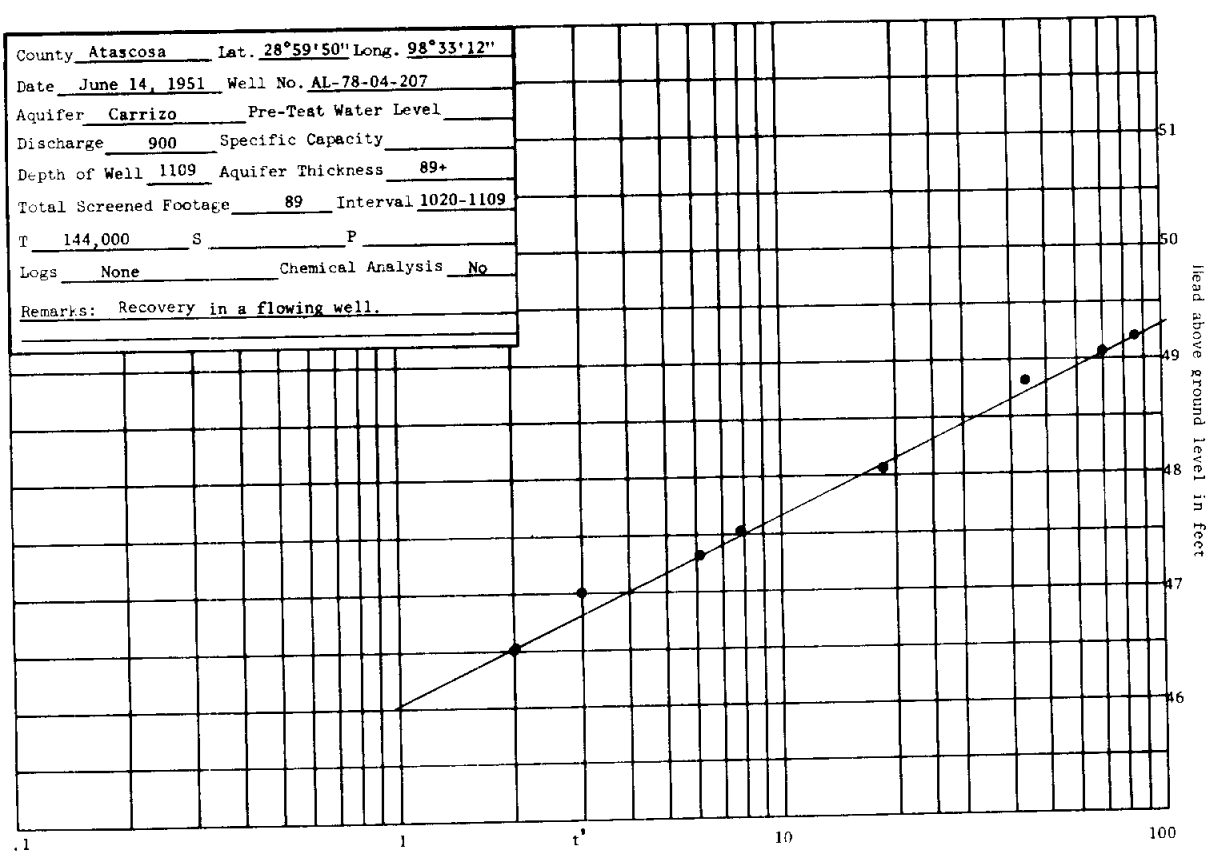

County Atascosa Lat. 29°03'21" Long. 98°31'00"
Date June 14, 1951 Well No. A168-60-603
Aquifer Carrizo Pre-Test Water Level 74.44
Discharge 900 Specific Capacity 11.6 (1 hr.)
Depth of Well 769 Aquifer Thickness 200
Total Screened Footage 140 Interval 769-909
T 154,000 S P 770
Logs Chemical Analysis No
Remarks: Recovery of pumped well.
28
29
30
31
32
33
34
1
10
t/t'
100
1,000
Residual Drawdown


10^6
10^7
r^2/t
10^8
10^9
1.0
0.1
.01
Drawdown in feet
County Atascosa Lat. 29°02'56" Long. 98°31'28"
Date June 14, 1951 Well No. AL-68-60-604
Aquifer Carrizo Pre-Test Water Level
Discharge 530 Specific Capacity
Depth of Well 1000 Aquifer Thickness 225
Total Screened Footage 225 Interval 775-1000
T 174,000 S .0007 P 773
Logs None Chemical Analysis No
Remarks: Drawdown in observation well.

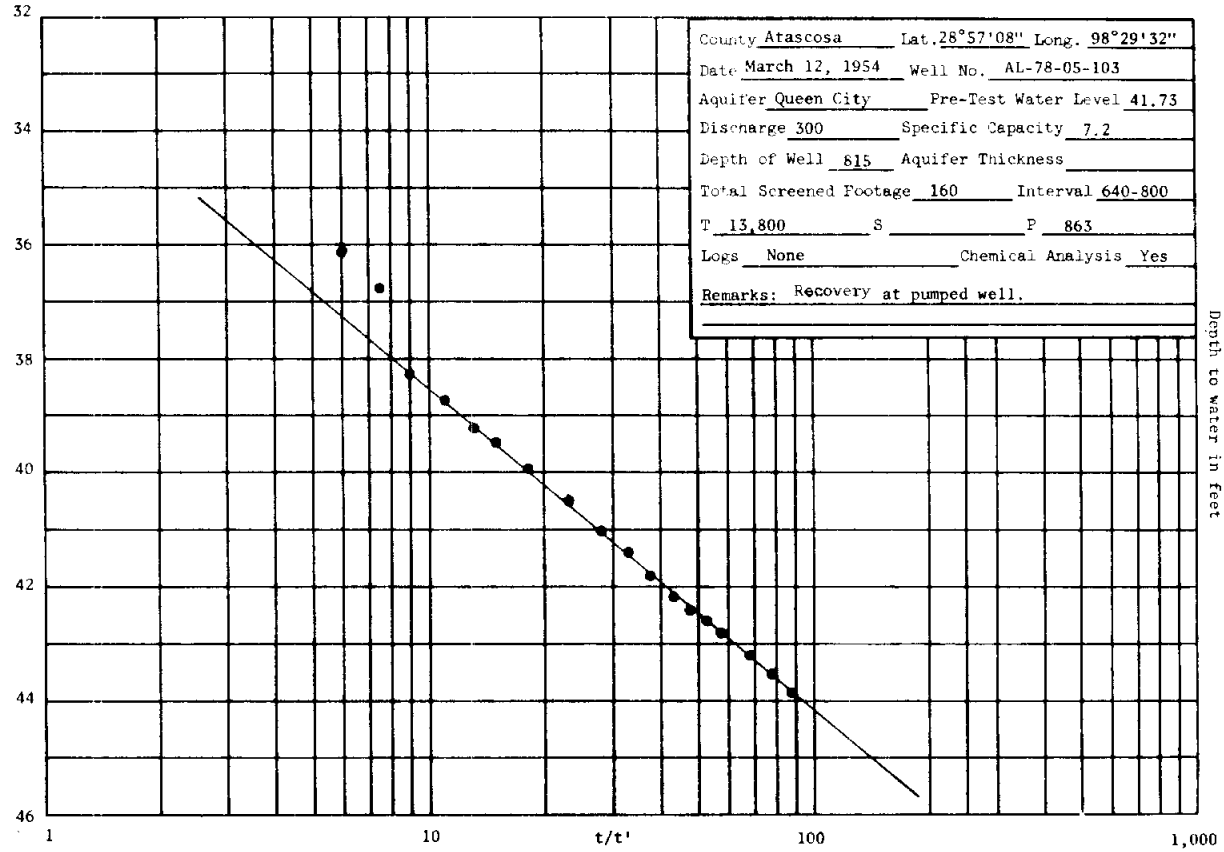

0
1
2
3
4
5
6
7
Residual Drawdown
1
10
t/t'
100
1,000
County Atascosa Lat. 29°02'22" Long. 98°30'50"
Date June 14, 1951 Well No. AL-68-60-904
Aquifer Carrizo Pre-Test Water Level 54.32
Discharge 530 Specific Capacity 27.2
Depth of Well 1037 Aquifer Thickness 200
Total Screened Footage 127 Interval 910-1037
T 140,000 S P 1100
Logs Chemical Analysis No
Remarks: Recovery of pumped well.

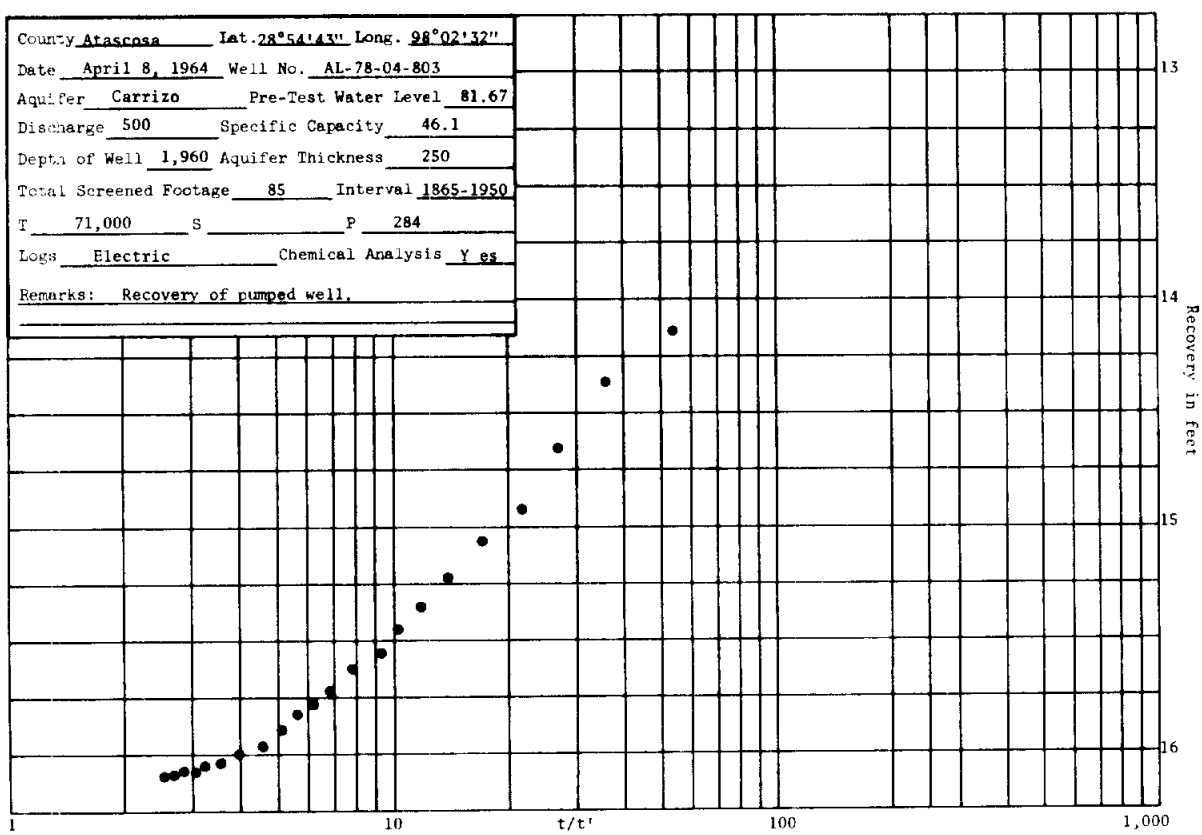


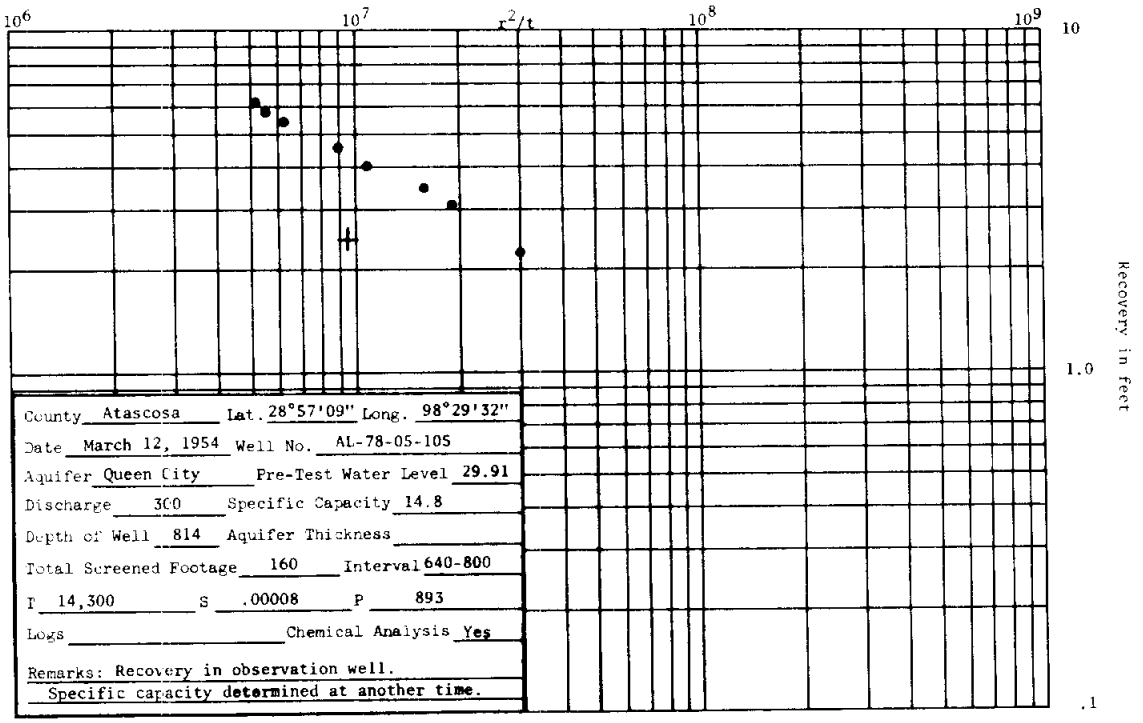
County Atascosa Lat. 29°02'32" Long. 98°30'28"
Date June 14, 1951 Well No. AL-68-60-905
Aquifer Carrizo Pre-Test Water Level
Discharge 530 Specific Capacity
Depth of Well 1013 Aquifer Thickness 200
Total Screened Footage 113 Interval 900-1013
T 130,000 S .0003 P 655
Logs Chemical Analysis No
Remarks: Aquifer thickness is approximated.
Drawdown in observation well.



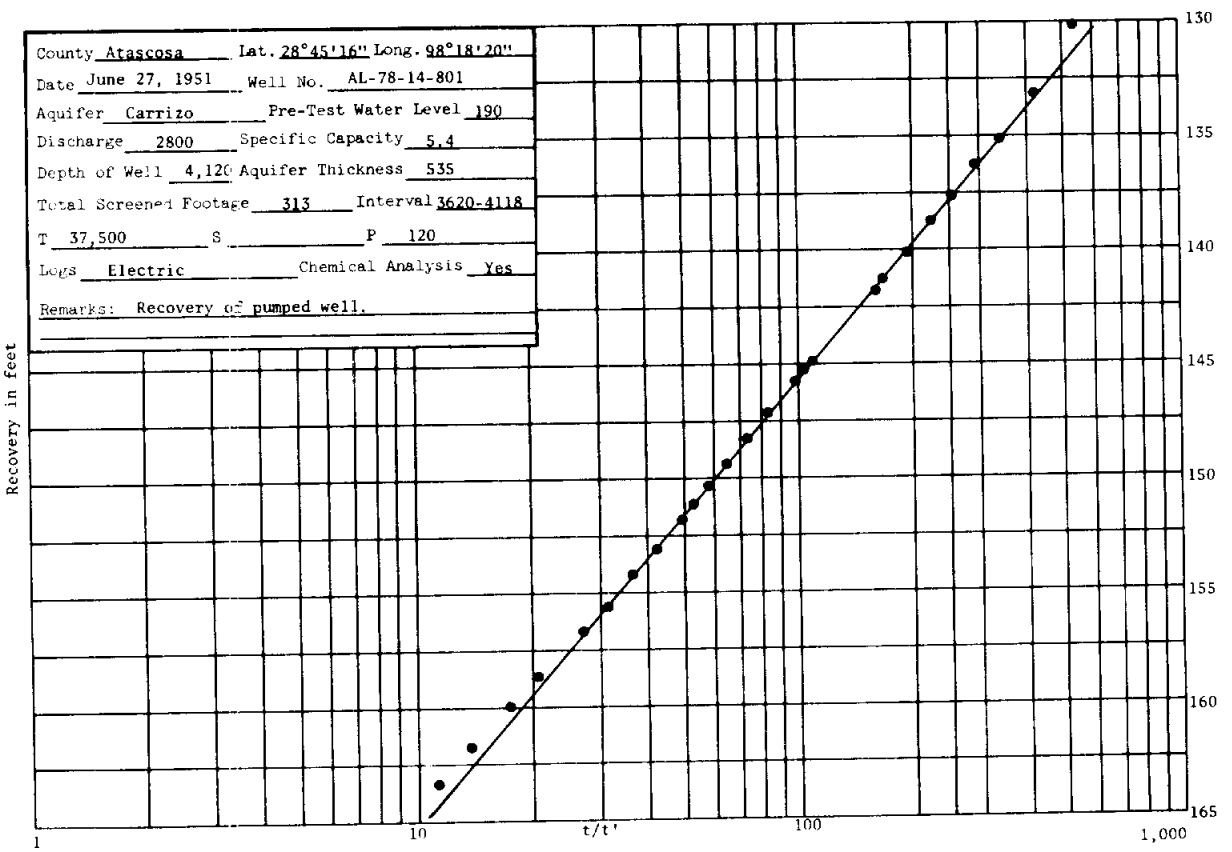
County Atascosa Lat. 28°59'50" Long. 98°33'12"
Date June 14, 1951 Well No. AL-78-04-207
Aquifer Carrizo Pre-Test Water Level
Discharge 900 Specific Capacity
Depth of Well 1109 Aquifer Thickness 89+
Total Screened Footage 89 Interval 1020-1109
T 144,000 S P
Logs None Chemical Analysis No
Remarks: Recovery in a flowing well.


County Atascosa Lat. 28°57'08" Long. 98°29'32"
Date March 12, 1954 Well No. AL-78-05-103
Aquifer Queen City Pre-Test Water Level 41.73
Discharge 300 Specific Capacity 7.2
Depth of Well 815 Aquifer Thickness
Total Screened Footage 160 Interval 640-800
T 13,800 S P 863
Logs None Chemical Analysis Yes
Remarks: Recovery at pumped well.
32
34
36
38
40
42
44
46
1
10
t/t'
100
1,000
Depth to water in feet

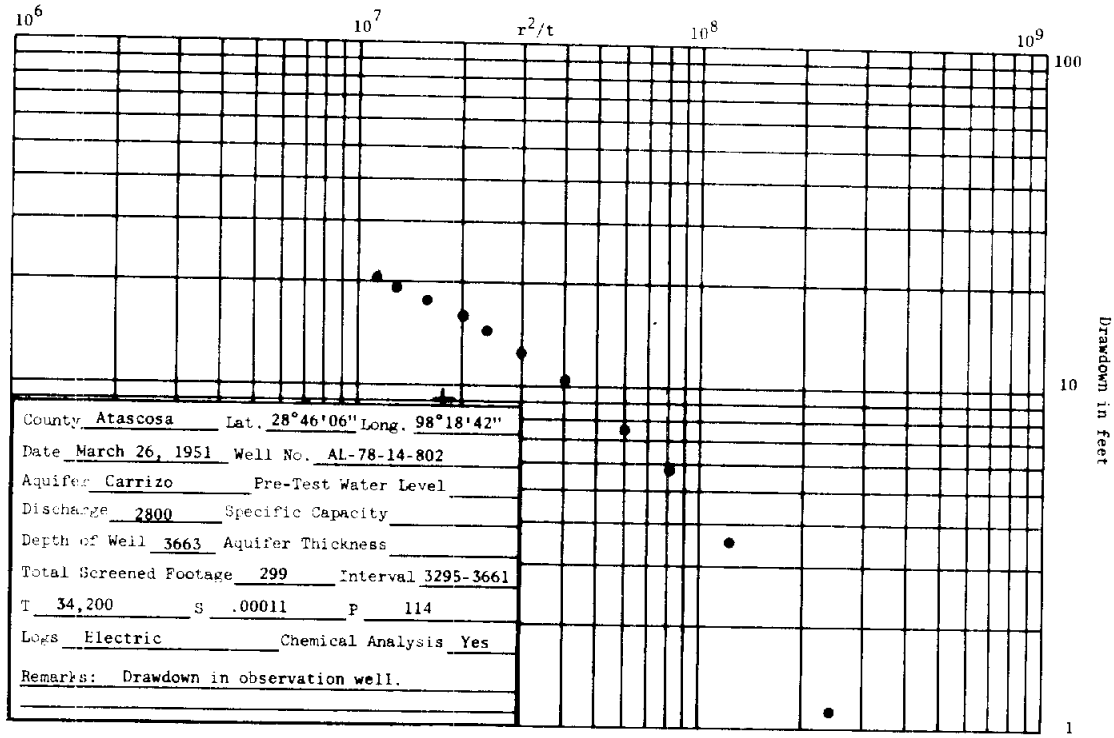

County Atascosa Lat. 28°54'43" Long. 98°02'32"
Date April 8, 1964 Well No. AL-78-04-803
Aquifer Carrizo Pre-Test Water Level 81.67
Discharge 500 Specific Capacity 46.1
Depth of Well 1,960 Aquifer Thickness 250
Total Screened Footage 85 Interval 1865-1950
T 71,000 S P 284
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
13
14
15
16
1
10
t/t'
100
1,000
Recovery in feet



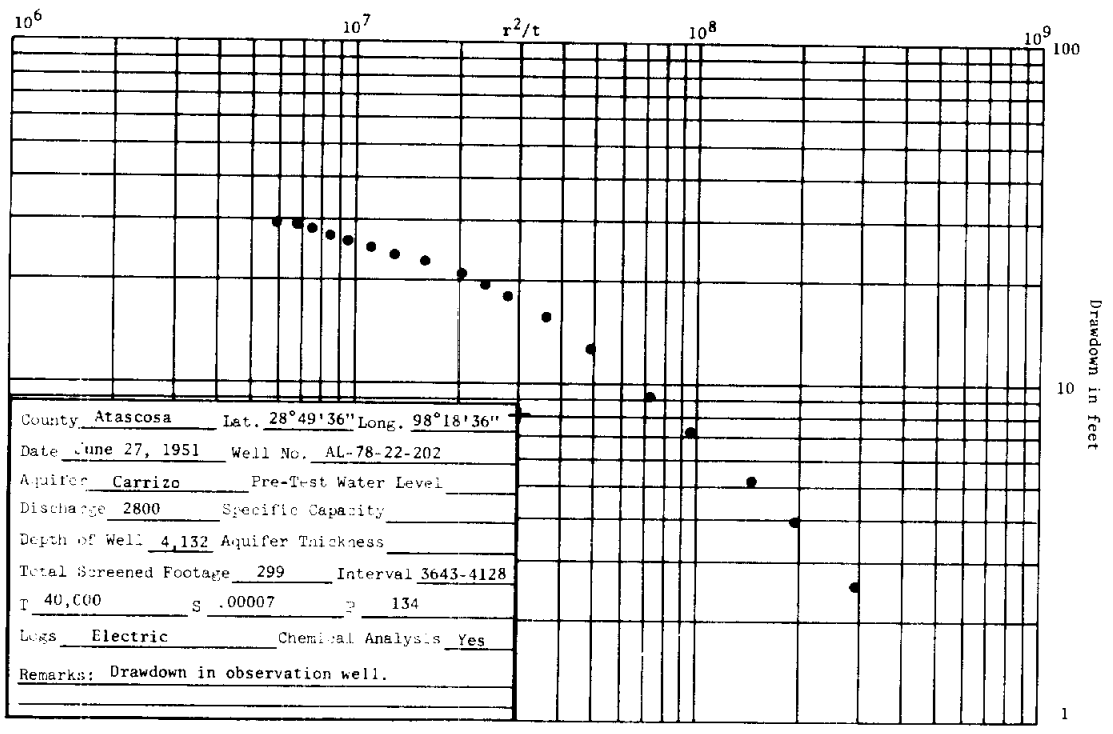
County Atascosa Lat. 28°57'09" Long. 98°29'32"
Date March 12, 1954 Well No. AL-78-05-105
Aquifer Queen City Pre-Test Water Level 29.91
Discharge 300 Specific Capacity 14.8
Depth of Well 814 Aquifer Thickness
Total Screened Footage 160 Interval 640-800
T 14,300 S .00008 P 893
Logs Chemical Analysis Yes
Remarks: Recovery in observation well.
Specific capacity determined at another time.



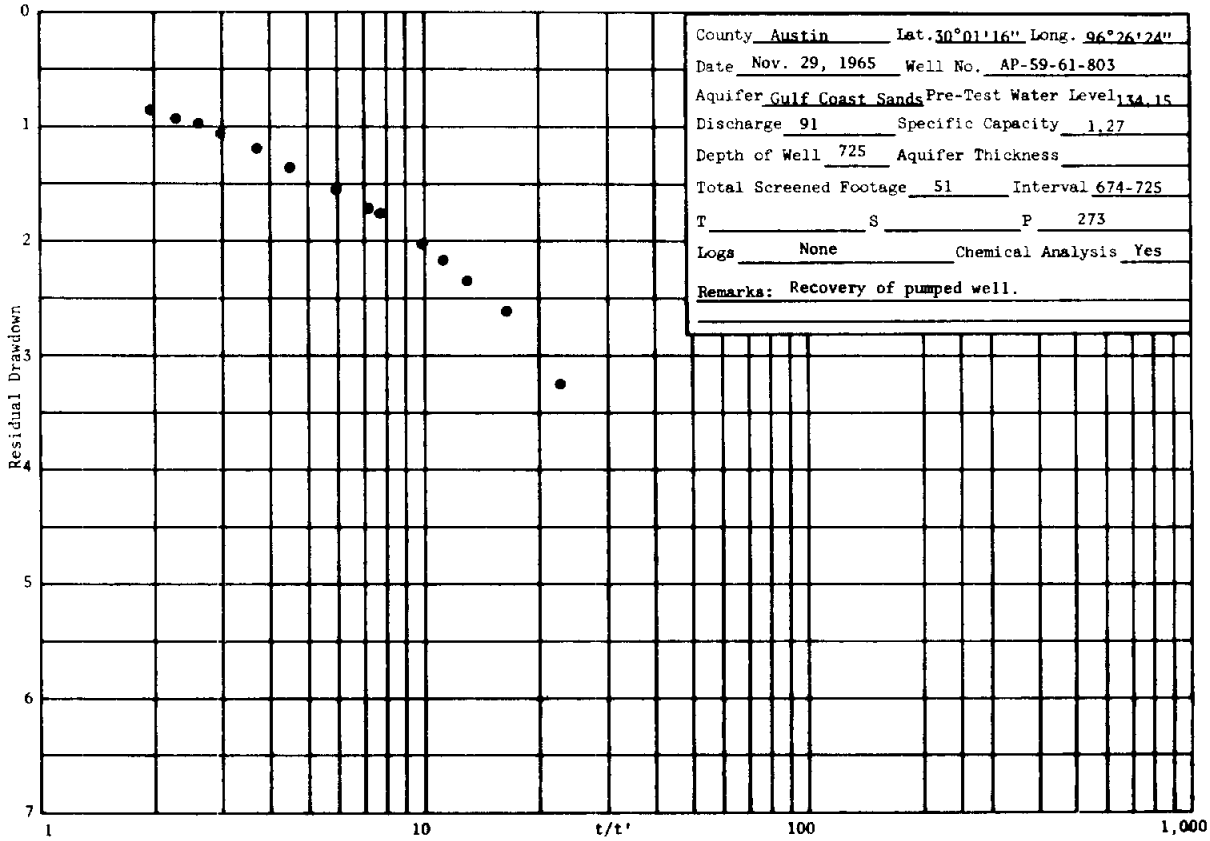
County Atascosa Lat. 28°45'16" Long. 98°18'20"
Date June 27, 1951 Well No. AL-78-14-801
Aquifer Carrizo Pre-Test Water Level 190
Discharge 2800 Specific Capacity 5.4
Depth of Well 4,120 Aquifer Thickness 535
Total Screened Footage 313 Interval 3620-4118
T 37,500 S P 120
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

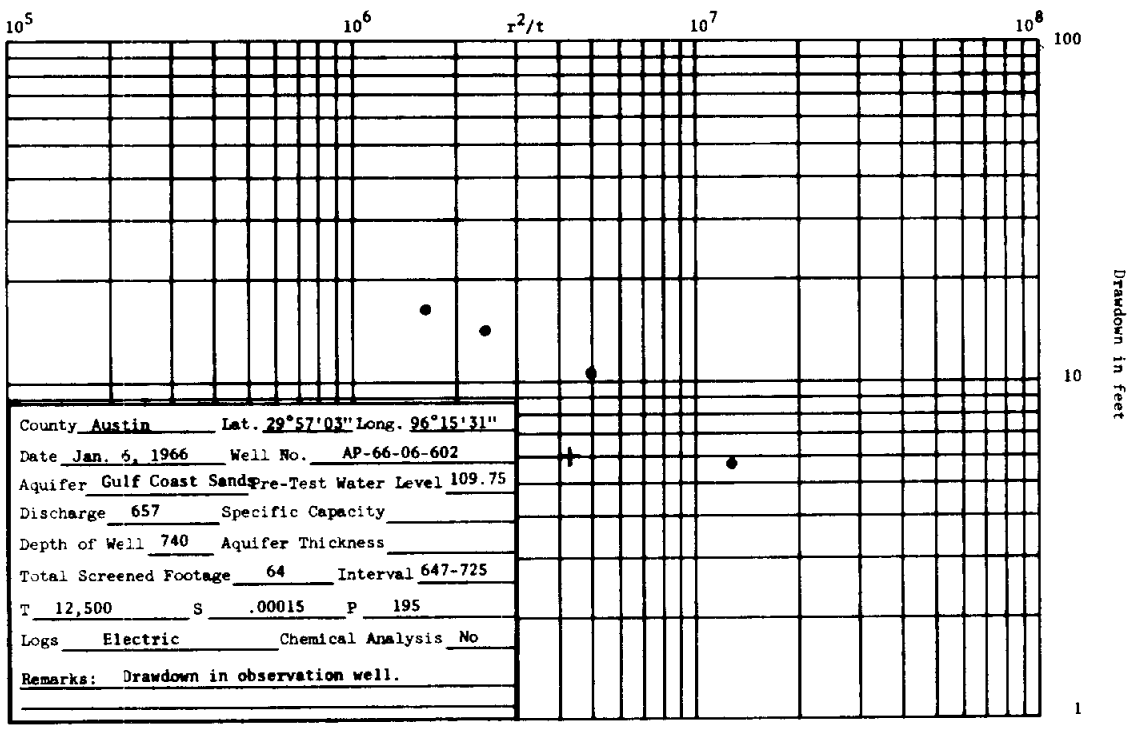


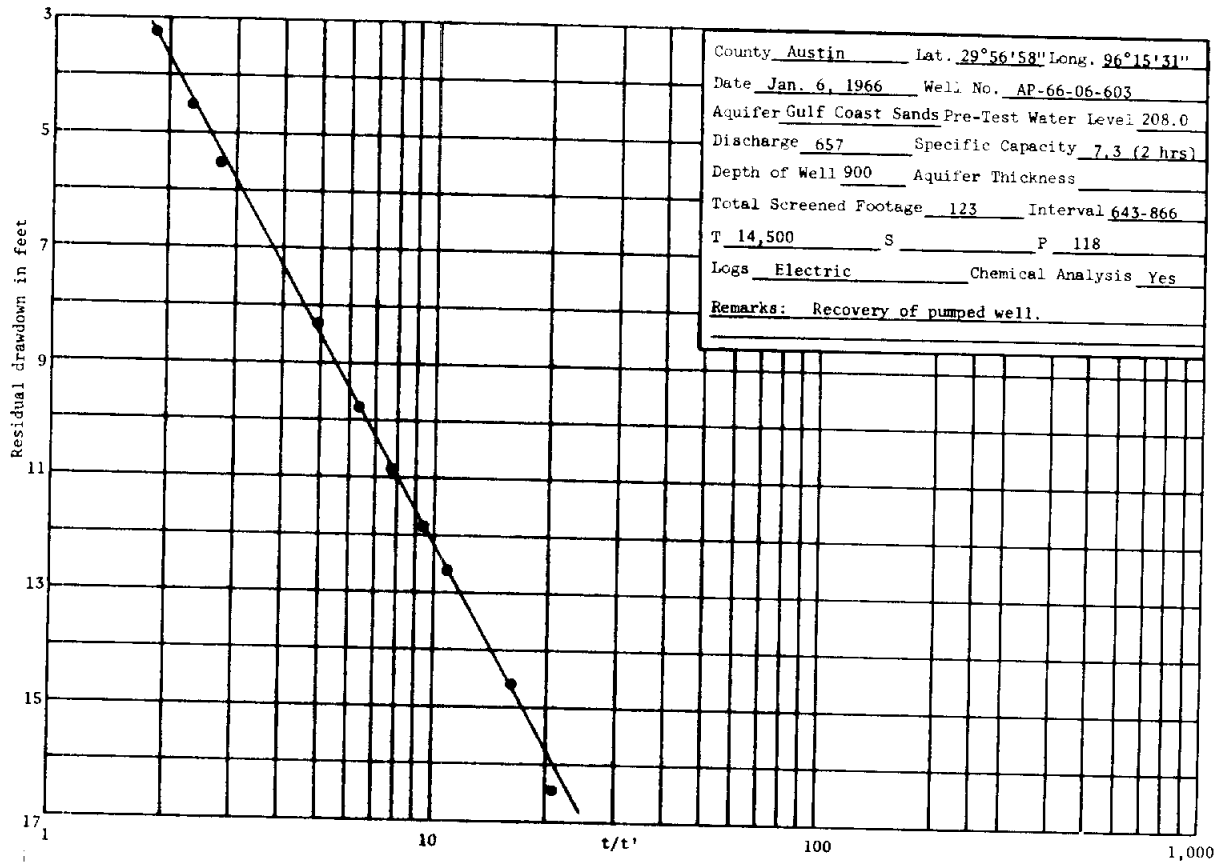
County Atascosa Lat. 28°46'06" Long. 98°18'42"
Date March 26, 1951 Well No. AL-78-14-802
Aquifer Carrizo Pre-Test Water Level
Discharge 2800 Specific Capacity
Depth of Well 3663 Aquifer Thickness
Total Screened Footage 299 Interval 3295-3661
T 34,200 S .00011 P 114
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

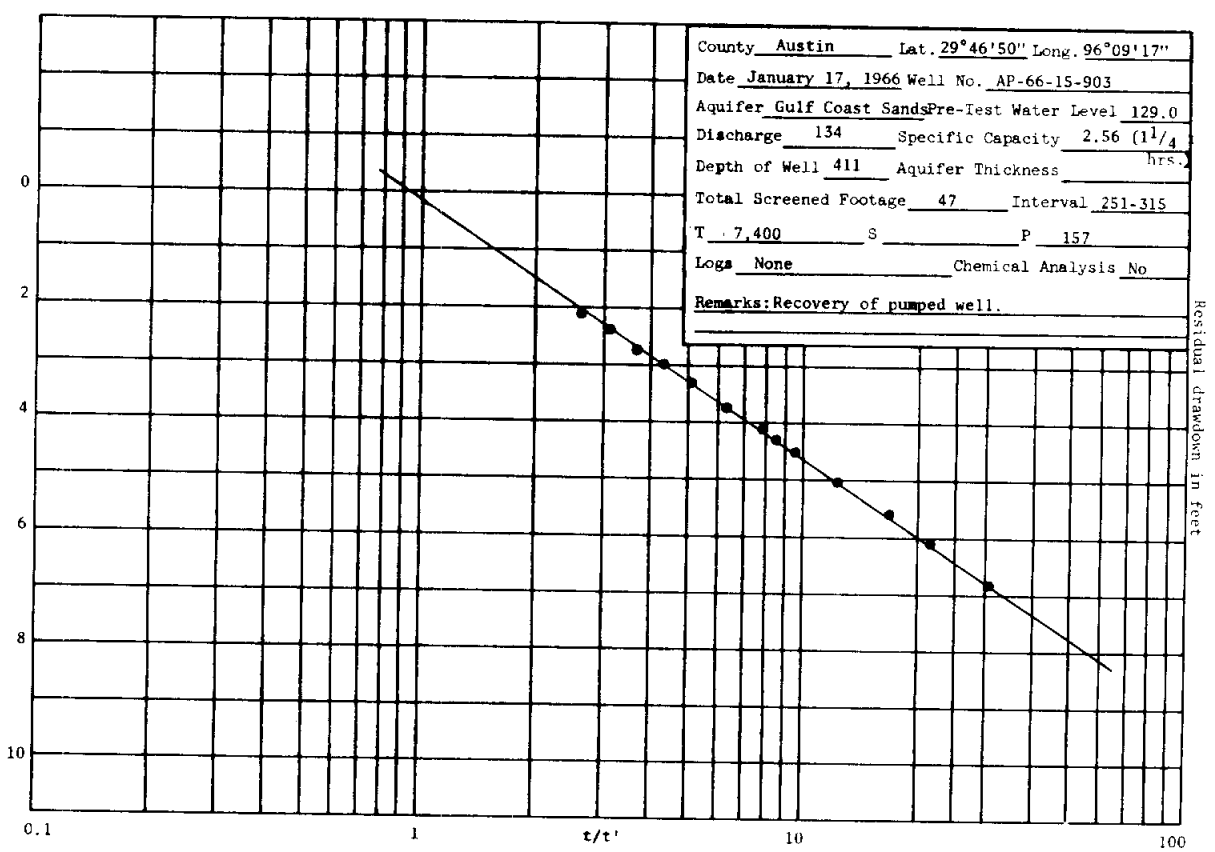


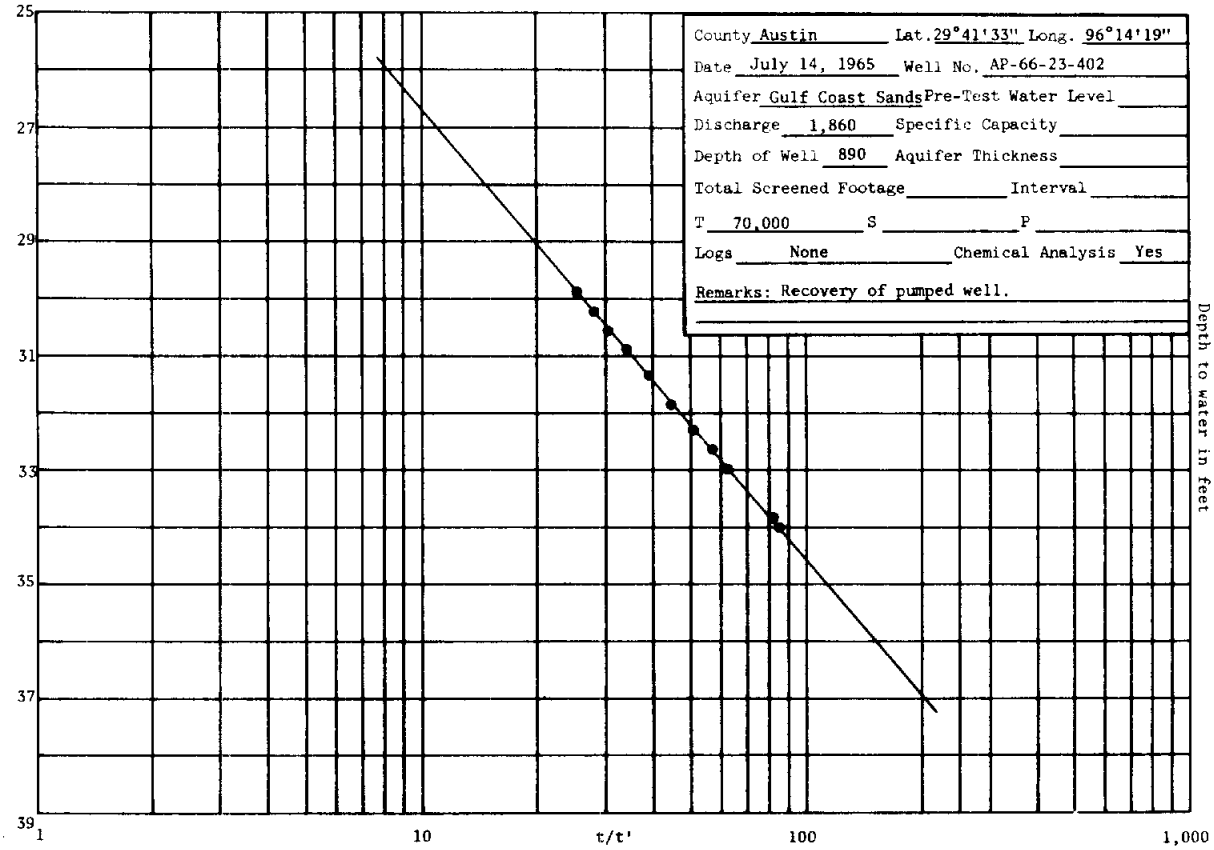
County Atascosa Lat. 28°49'36" Long. 98°18'36"
Date June 27, 1951 Well No. AL-78-22-202
Aquifer Carrizo Pre-Test Water Level
Discharge 2800 Specific Capacity
Depth of Well 4,132 Aquifer Thickness
Total Screened Footage 299 Interval 3643-4128
T 40,000 S .00007 P 134
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

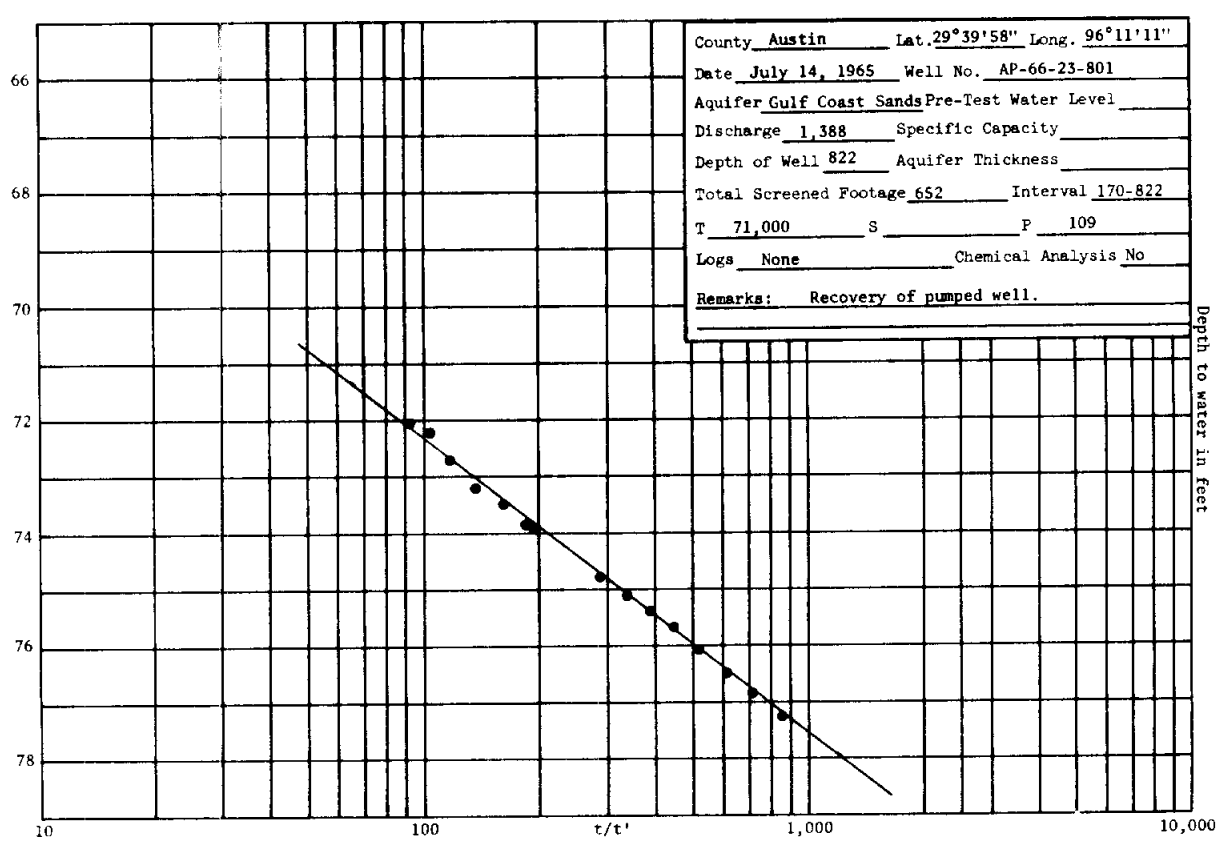

Residual Drawdown
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
County Austin Lat. 30°01'16" Long. 96°26'24"
Date Nov. 29, 1965 Well No. AP-59-61-803
Aquifer Gulf Coast Sands Pre-Test Water Level 134.15
Discharge 91 Specific Capacity 1.27
Depth of Well 725 Aquifer Thickness
Total Screened Footage 51 Interval 674-725
T S P 273
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

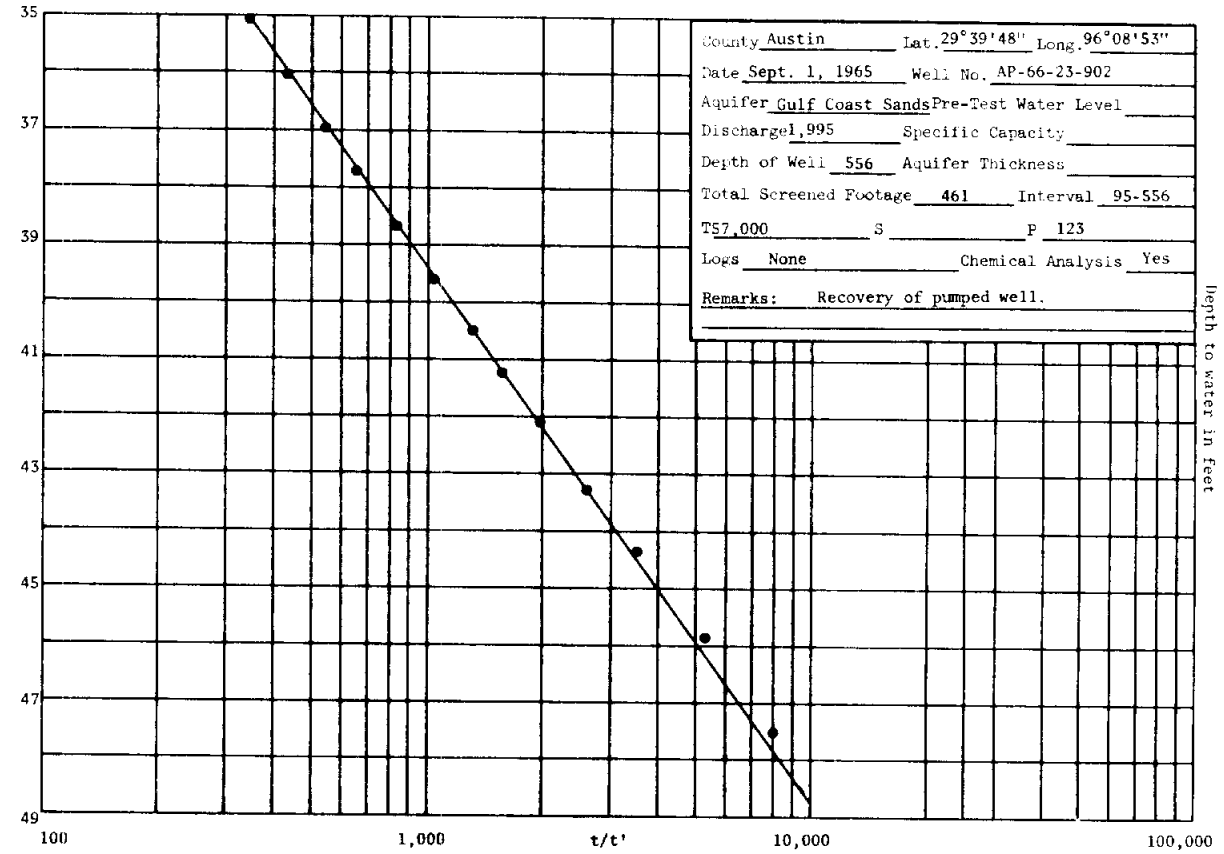

10^5
10^6
r^2/t
10^7
10^8
100
10
1
Drawdown in feet
County Austin Lat. 29°57'03" Long. 96°15'31"
Date Jan. 6, 1966 Well No. AP-66-06-602
Aquifer Gulf Coast Sands Pre-Test Water Level 109.75
Discharge 657 Specific Capacity
Depth of Well 740 Aquifer Thickness
Total Screened Footage 64 Interval 647-725
T 12,500 S .00015 P 195
Logs Electric Chemical Analysis No
Remarks: Drawdown in observation well.

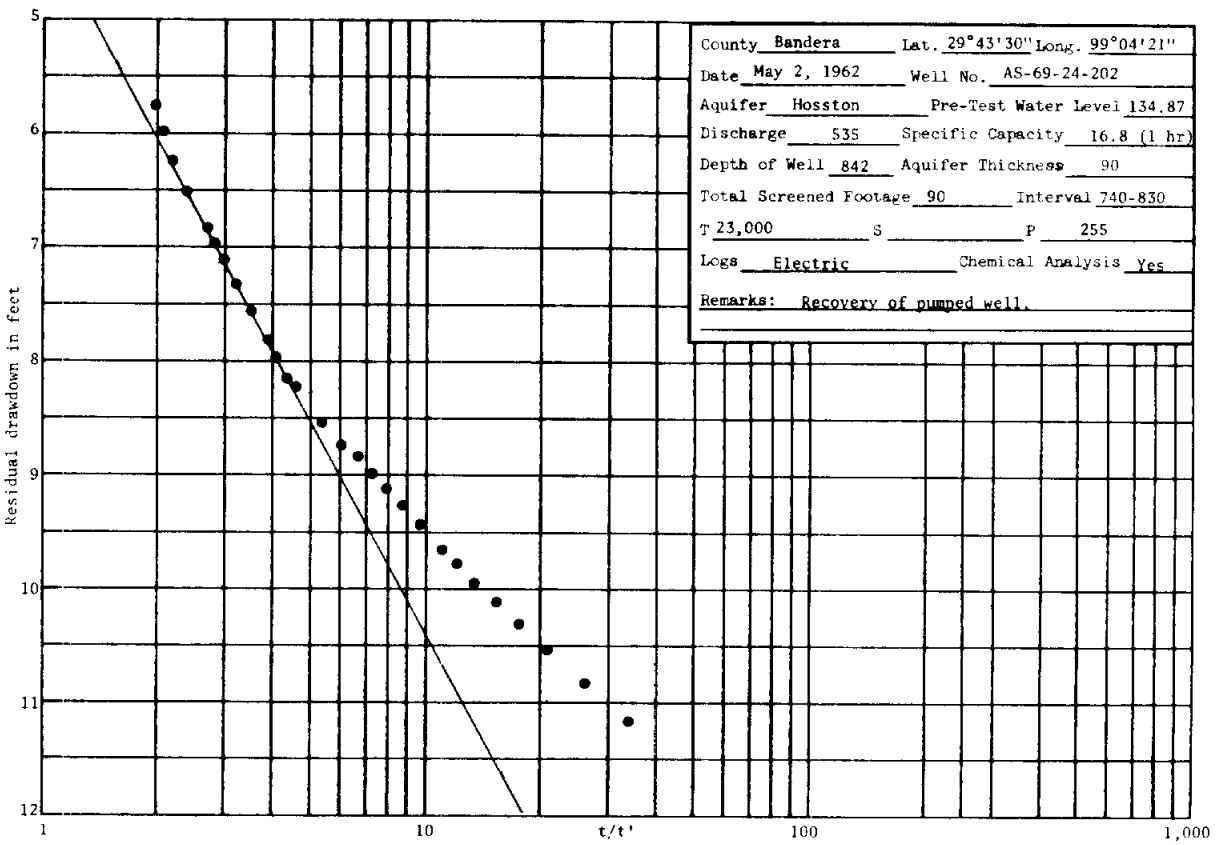

Residual drawdown in feet
3
5
7
9
11
13
15
17
1
10
t/t'
100
1,000
County Austin Lat. 29°56'58" Long. 96°15'31"
Date Jan. 6, 1966 Well No. AP-66-06-603
Aquifer Gulf Coast Sands Pre-Test Water Level 208.0
Discharge 657 Specific Capacity 7.3 (2 hrs)
Depth of Well 900 Aquifer Thickness
Total Screened Footage 123 Interval 643-866
T 14,500 S P 118
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

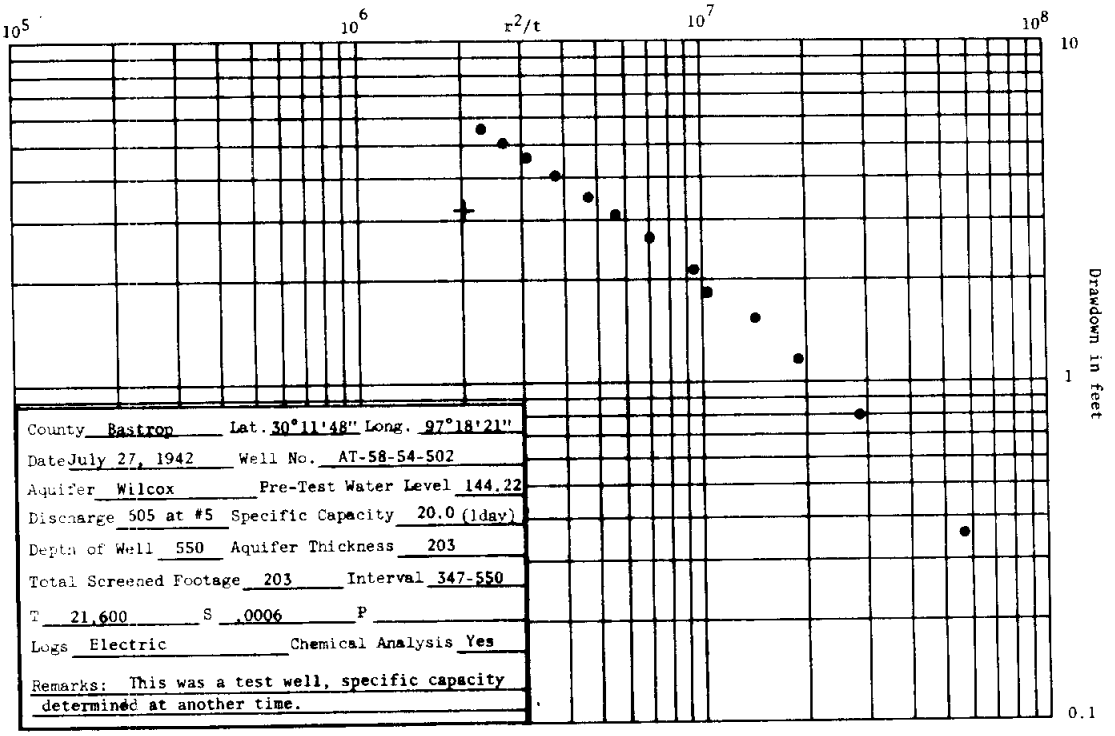

0
2
4
6
8
10
0.1
1
t/t'
10
100
Residual drawdown in feet
County Austin Lat. 29°46'50" Long. 96°09'17"
Date January 17, 1966 Well No. AP-66-15-903
Aquifer Gulf Coast Sands Pre-Test Water Level 129.0
Discharge 134 Specific Capacity 2.56 (1 1/4 hrs.)
Depth of Well 411 Aquifer Thickness
Total Screened Footage 47 Interval 251-315
T 7,400 S P 157
Logs None Chemical Analysis No
Remarks: Recovery of pumped well.


25
27
29
31
33
35
37
39
1
10
t/t'
100
1,000
Depth to water in feet
County Austin Lat. 29°41'33" Long. 96°14'19"
Date July 14, 1965 Well No. AP-66-23-402
Aquifer Gulf Coast Sands Pre-Test Water Level
Discharge 1,860 Specific Capacity
Depth of Well 890 Aquifer Thickness
Total Screened Footage Interval
T 70,000 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

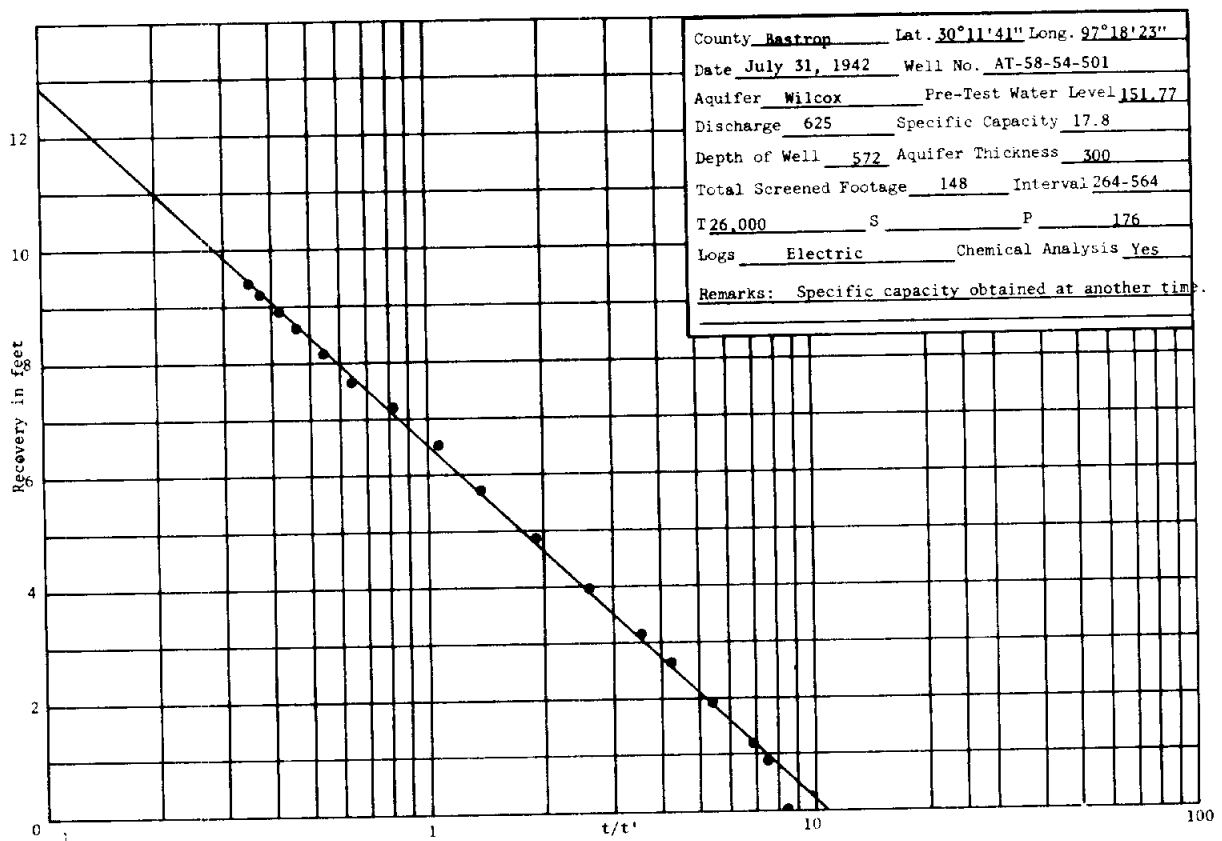

66
68
70
72
74
76
78
10
100
t/t'
1,000
10,000
Depth to water in feet
County Austin Lat. 29°39'58" Long. 96°11'11"
Date July 14, 1965 Well No. AP-66-23-801
Aquifer Gulf Coast Sands Pre-Test Water Level
Discharge 1,388 Specific Capacity
Depth of Well 822 Aquifer Thickness
Total Screened Footage 652 Interval 170-822
T 71,000 S P 109
Logs None Chemical Analysis No
Remarks: Recovery of pumped well.


35
37
39
41
43
45
47
49
100
1,000
t/t'
10,000
100,000
Depth to water in feet
County Austin Lat. 29°39'48" Long. 96°08'53"
Date Sept. 1, 1965 Well No. AP-66-23-902
Aquifer Gulf Coast Sands Pre-Test Water Level
Discharge 1,995 Specific Capacity
Depth of Well 556 Aquifer Thickness
Total Screened Footage 461 Interval 95-556
T 57,000 S P 123
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

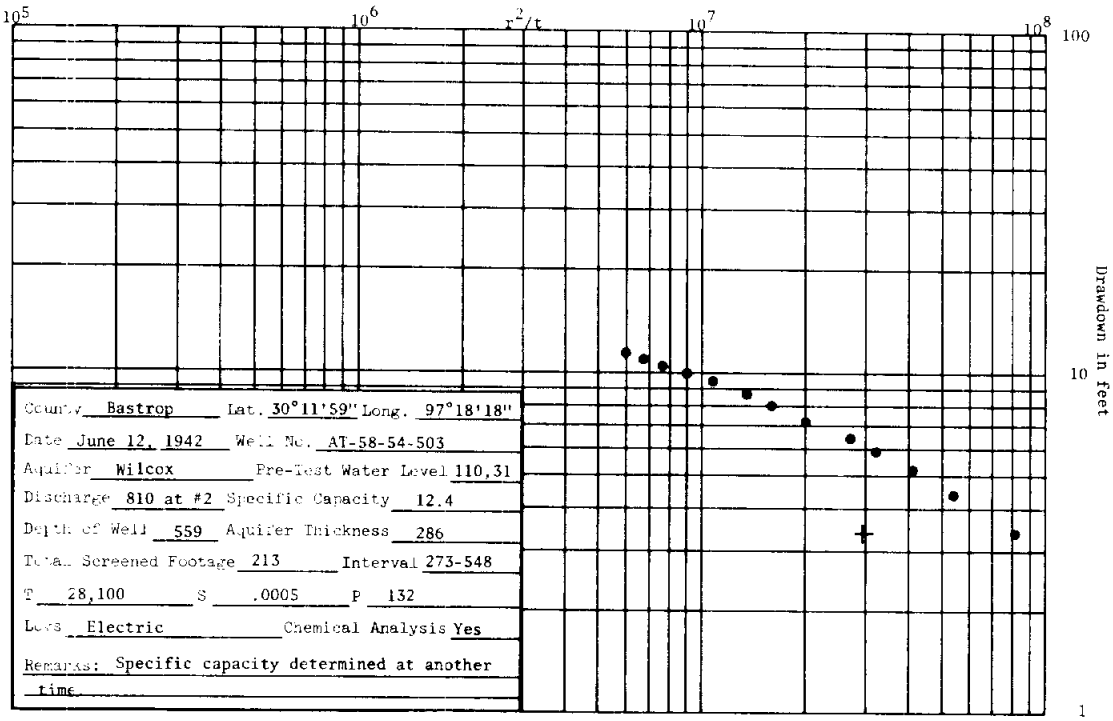

5
6
7
8
9
10
11
12
1
10
t/t'
100
1,000
Residual drawdown in feet
County Bandera Lat. 29°43'30" Long. 99°04'21"
Date May 2, 1962 Well No. AS-69-24-202
Aquifer Hosston Pre-Test Water Level 134.87
Discharge 535 Specific Capacity 16.8 (1 hr)
Depth of Well 842 Aquifer Thickness 90
Total Screened Footage 90 Interval 740-830
T 23,000 S P 255
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.



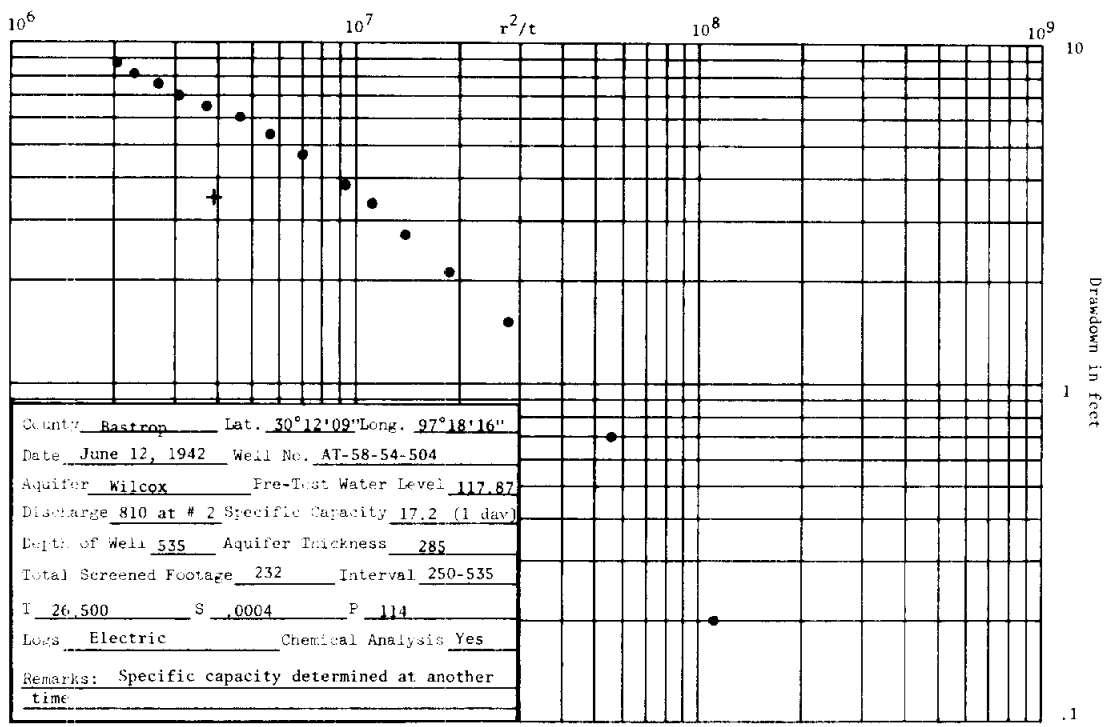
County Bastrop Lat. 30°11'48" Long. 97°18'21"
Date July 27, 1942 Well No. AT-58-54-502
Aquifer Wilcox Pre-Test Water Level 144.22
Discharge 505 at #5 Specific Capacity 20.0 (1day)
Depth of Well 550 Aquifer Thickness 203
Total Screened Footage 203 Interval 347-550
T 21,600 S .0006 P
Logs Electric Chemical Analysis Yes
Remarks: This was a test well, specific capacity determined at another time.



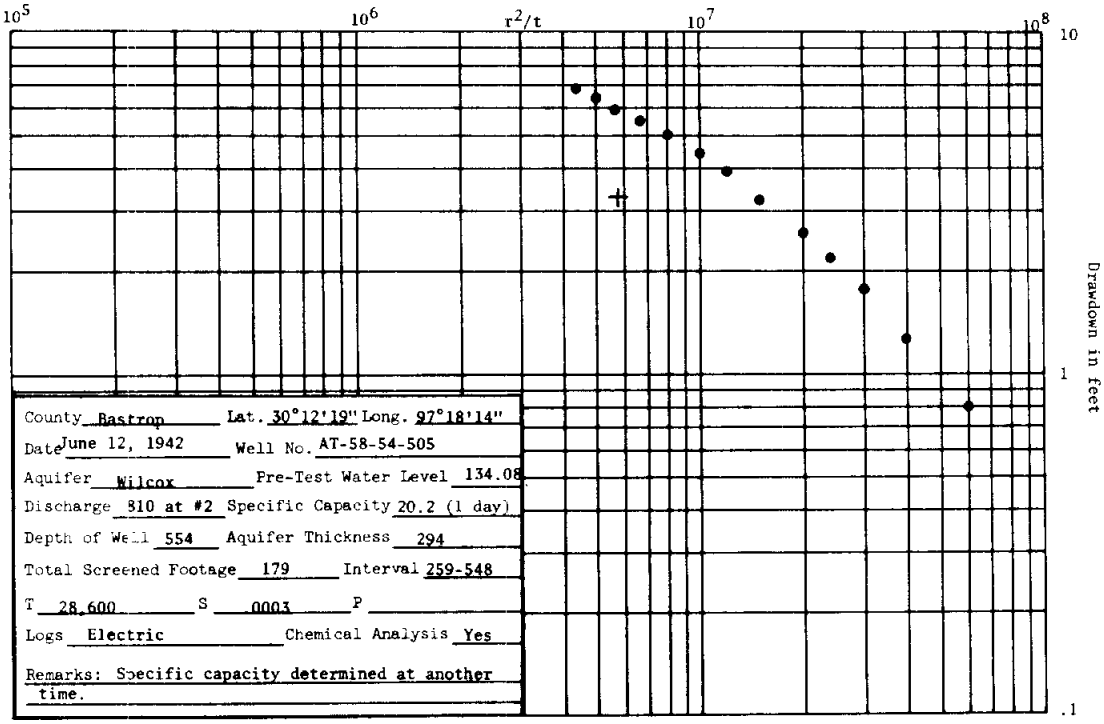
County Bastrop Lat. 30°11'41" Long. 97°18'23"
Date July 31, 1942 Well No. AT-58-54-501
Aquifer Wilcox Pre-Test Water Level 151.77
Discharge 625 Specific Capacity 17.8
Depth of Well 572 Aquifer Thickness 300
Total Screened Footage 148 Interval 264-564
T 26,000 S P 176
Logs Electric Chemical Analysis Yes
Remarks: Specific capacity obtained at another time.



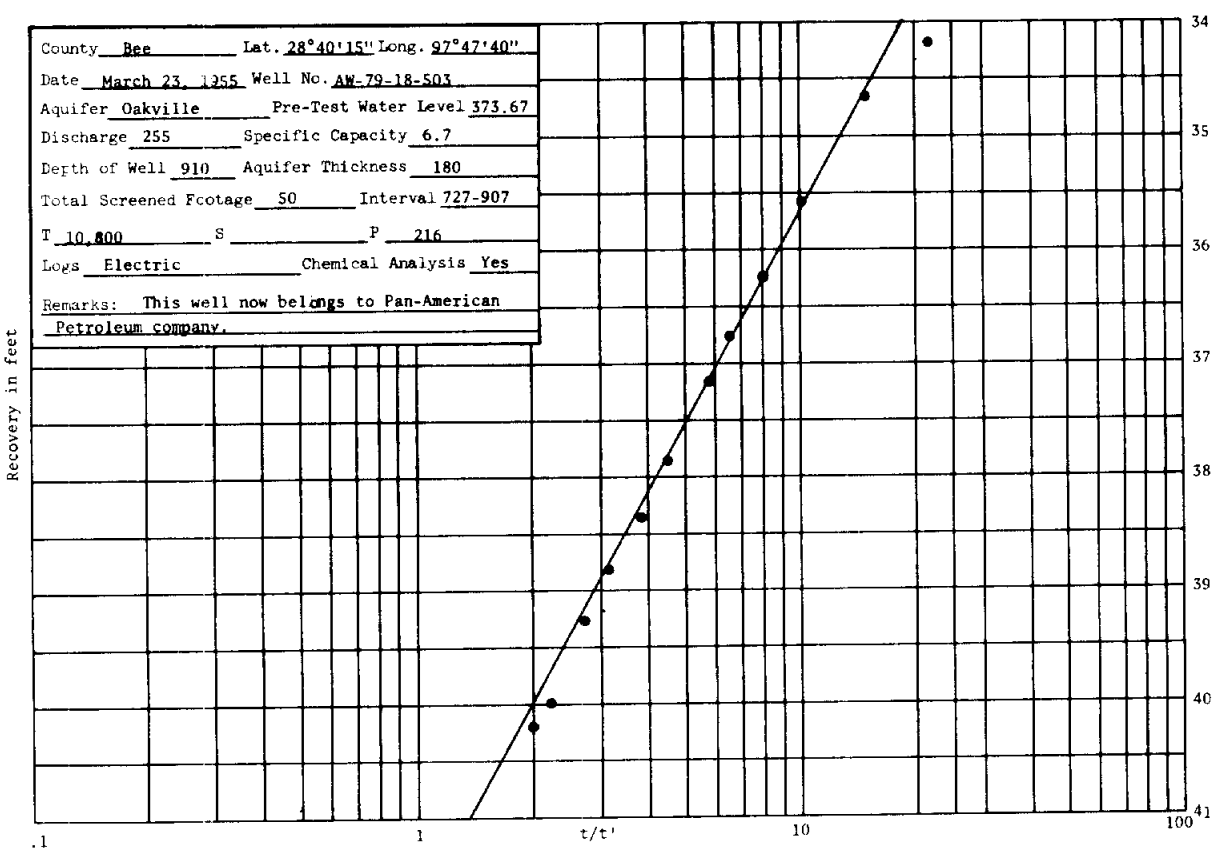
County Bastrop Lat. 30°11'59" Long. 97°18'18"
Date June 12, 1942 Well No. AT-58-54-503
Aquifer Wilcox Pre-Test Water Level 110.31
Discharge 810 at #2 Specific Capacity 12.4
Depth of Well 559 Aquifer Thickness 286
Total Screened Footage 213 Interval 273-548
T 28,100 S .0005 P 132
Logs Electric Chemical Analysis Yes
Remarks: Specific capacity determined at another time.



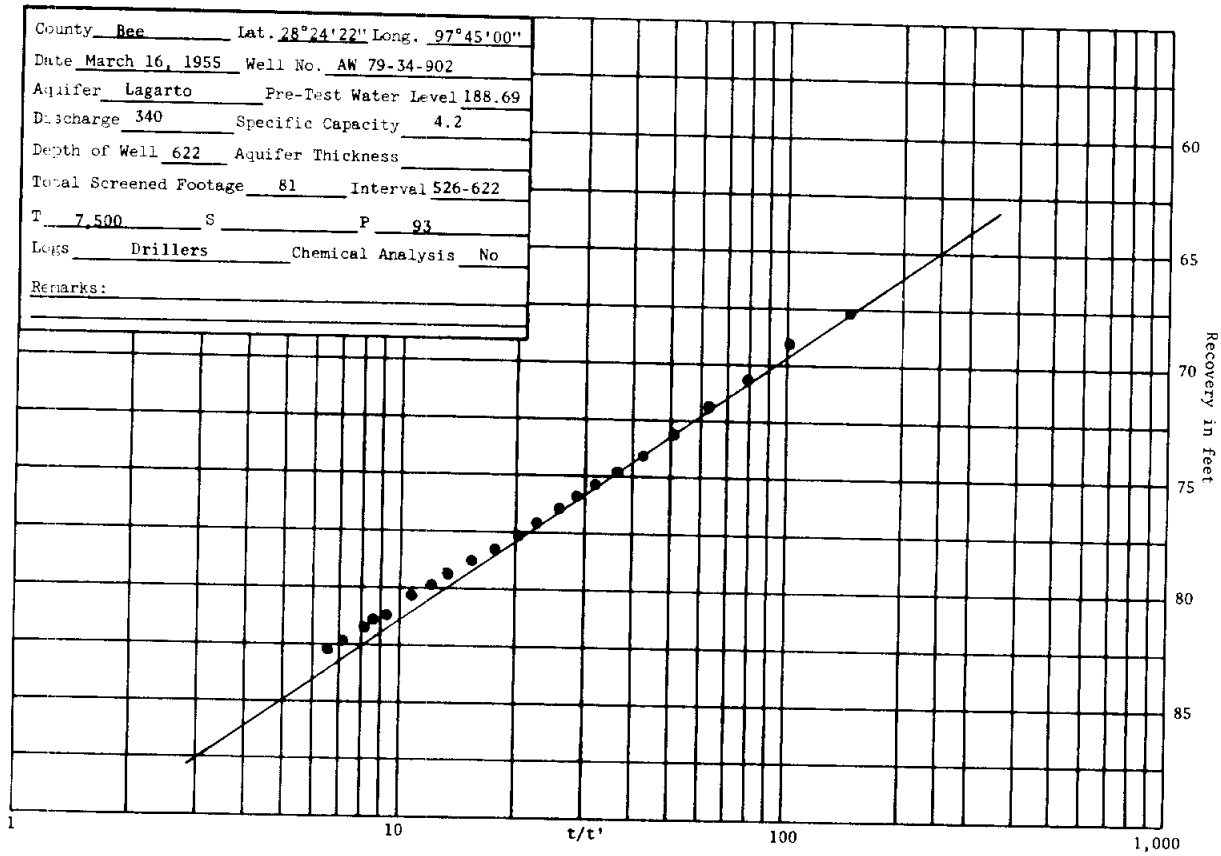
County Bastrop Lat. 30°12'09"Long. 97°18'16"
Date June 12, 1942 Well No. AT-58-54-504
Aquifer Wilcox Pre-Test Water Level 117.87
Discharge 810 at # 2 Specific Capacity 17.2 (1 day)
Depth of Well 535 Aquifer Thickness 285
Total Screened Footage 232 Interval 250-535
T 26,500 S .0004 P 114
Logs Electric Chemical Analysis Yes
Remarks: Specific capacity determined at another time.

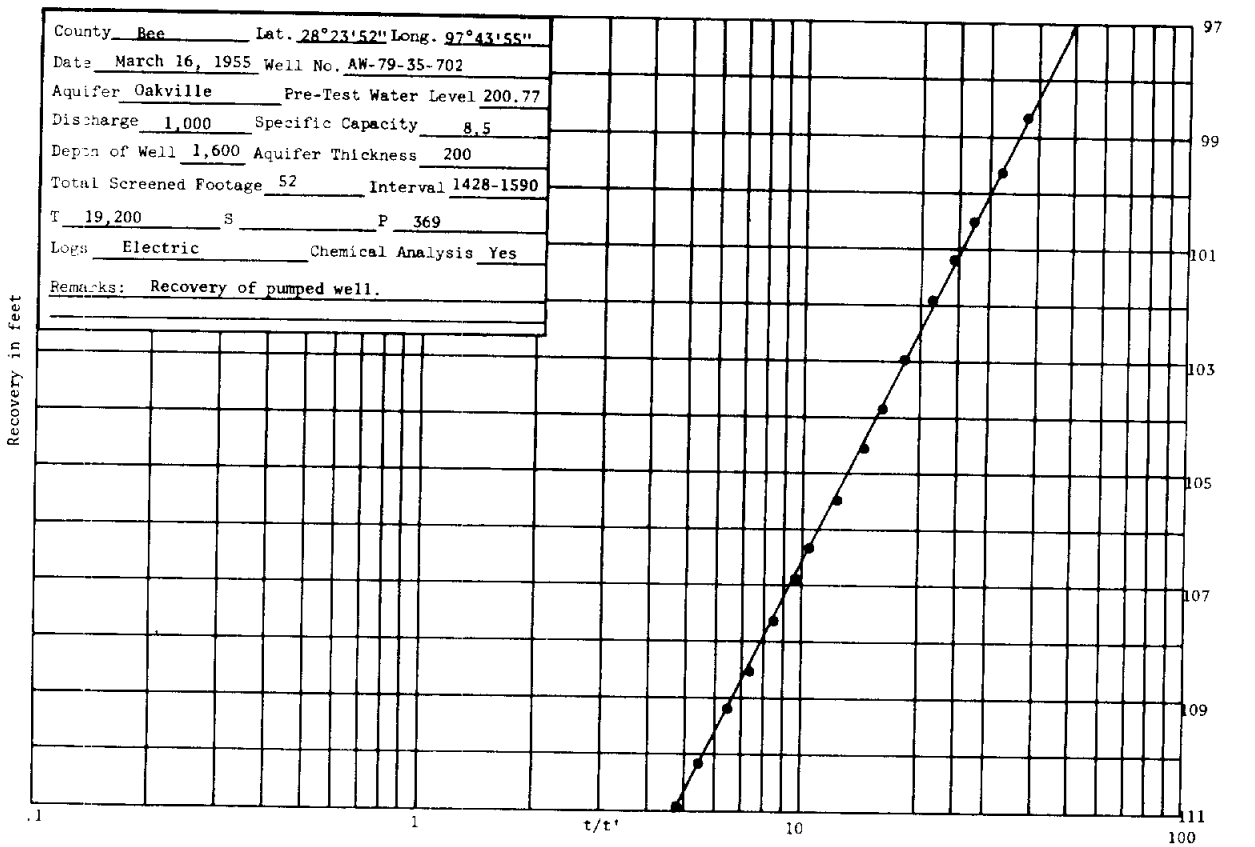


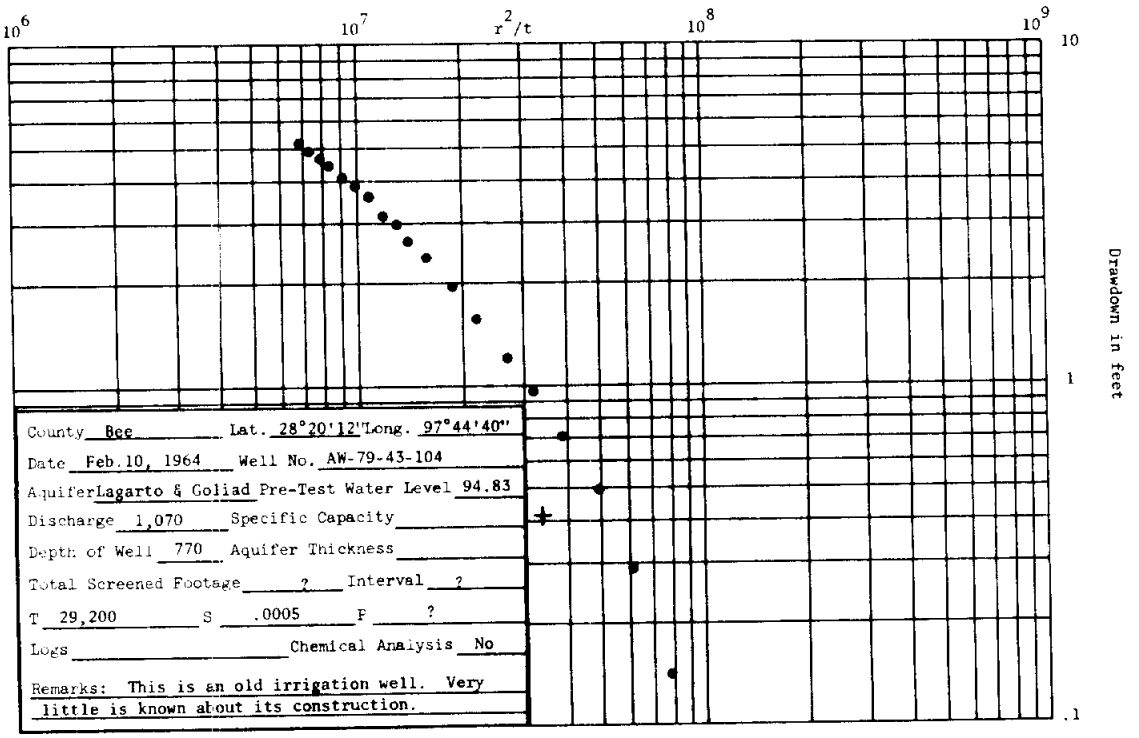
County Bastrop Lat. 30°12'19" Long. 97°18'14"
Date June 12, 1942 Well No. AT-58-54-505
Aquifer Wilcox Pre-Test Water Level 134.08
Discharge 810 at #2 Specific Capacity 20.2 (1 day)
Depth of Well 554 Aquifer Thickness 294
Total Screened Footage 179 Interval 259-548
T 28,600 S .0003 P
Logs Electric Chemical Analysis Yes
Remarks: Specific capacity determined at another time.



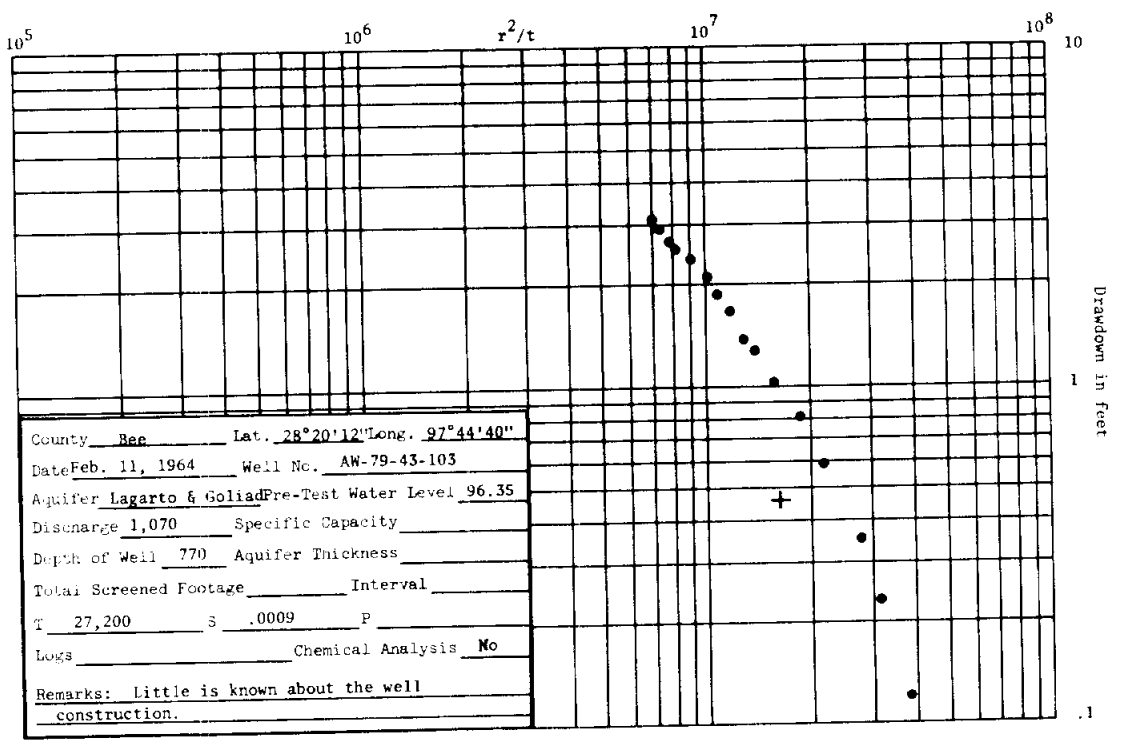
County Bee Lat. 28°40'15" Long. 97°47'40"
Date March 23, 1955 Well No. AW-79-18-503
Aquifer Oakville Pre-Test Water Level 373.67
Discharge 255 Specific Capacity 6.7
Depth of Well 910 Aquifer Thickness 180
Total Screened Footage 50 Interval 727-907
T 10,800 S P 216
Logs Electric Chemical Analysis Yes
Remarks: This well now belongs to Pan-American Petroleum company.


County Bee Lat. 28°24'22" Long. 97°45'00"
Date March 16, 1955 Well No. AW 79-34-902
Aquifer Lagarto Pre-Test Water Level 188.69
Discharge 340 Specific Capacity 4.2
Depth of Well 622 Aquifer Thickness
Total Screened Footage 81 Interval 526-622
T 7,500 S P 93
Logs Drillers Chemical Analysis No
Remarks:
60
65
70
75
80
85
Recovery in feet
1
10
t/t'
100
1,000

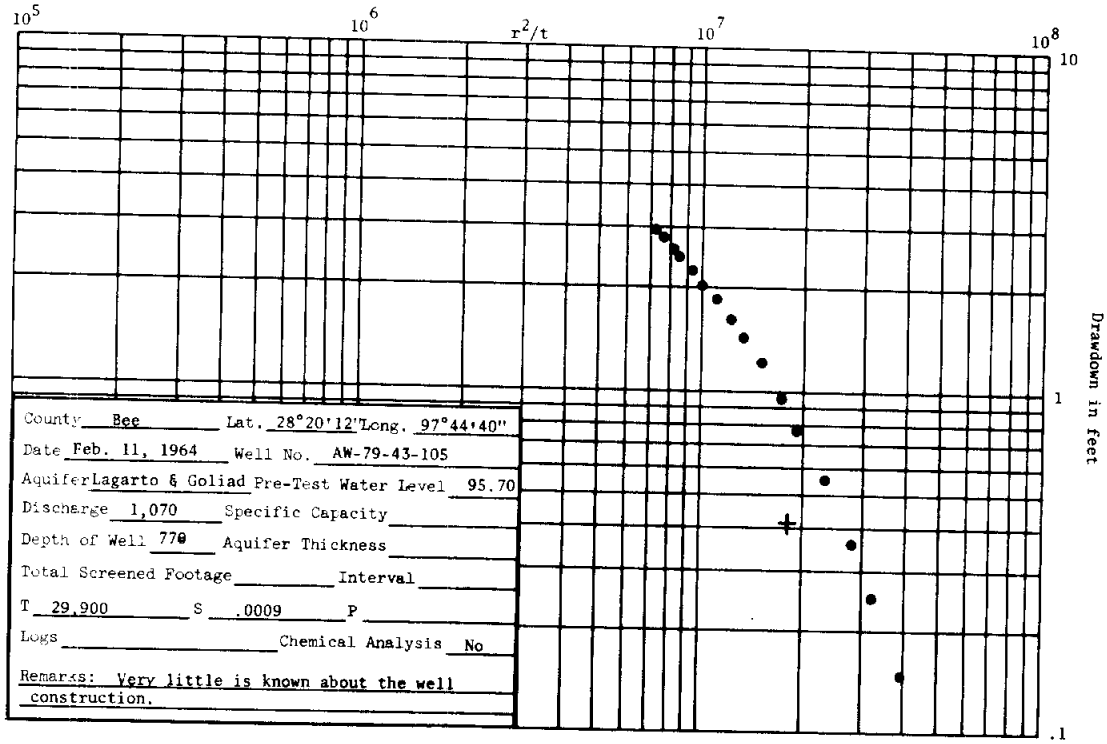

County Bee Lat. 28°23'52" Long. 97°43'55"
Date March 16, 1955 Well No. AW-79-35-702
Aquifer Oakville Pre-Test Water Level 200.77
Discharge 1,000 Specific Capacity 8.5
Depth of Well 1,600 Aquifer Thickness 200
Total Screened Footage 52 Interval 1428-1590
T 19,200 S P 369
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
97
99
101
103
105
107
109
111
.1
1
t/t'
10
100



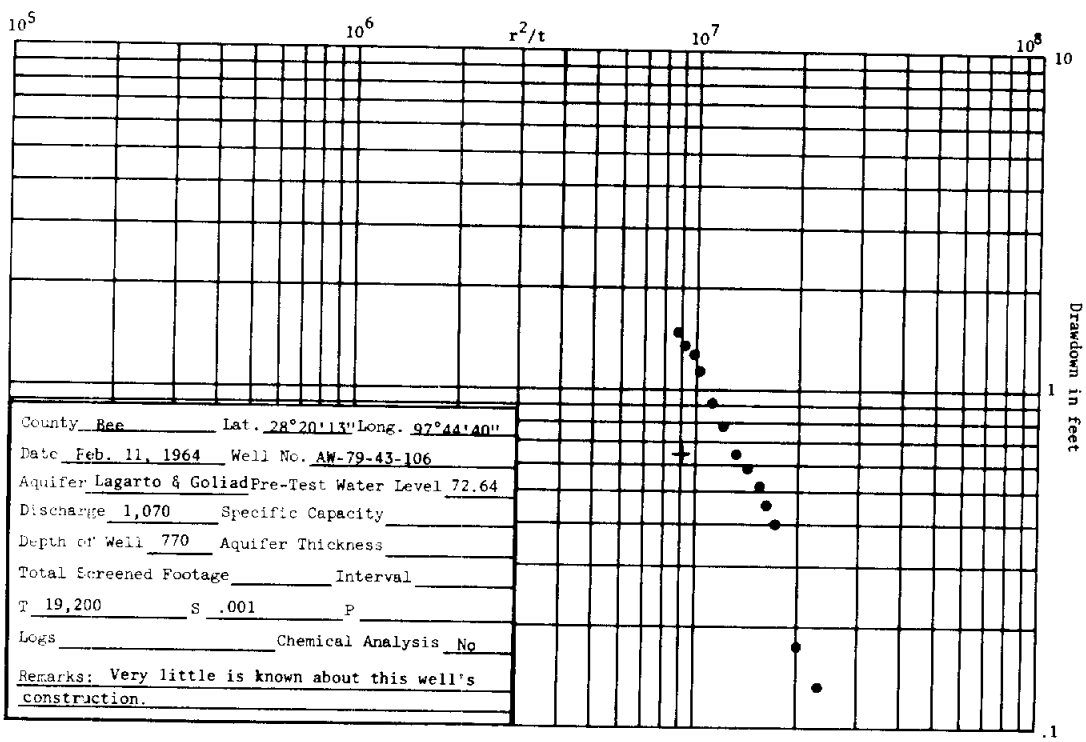
County Bee Lat. 28°20'12"Long. 97°44'40"
Date Feb.10, 1964 Well No. AW-79-43-104
Aquifer Lagarto & Goliad Pre-Test Water Level 94.83
Discharge 1,070 Specific Capacity
Depth of Well 770 Aquifer Thickness
Total Screened Footage ? Interval ?
T 29,200 S .0005 P ?
Logs Chemical Analysis No
Remarks: This is an old irrigation well. Very little is known about its construction.



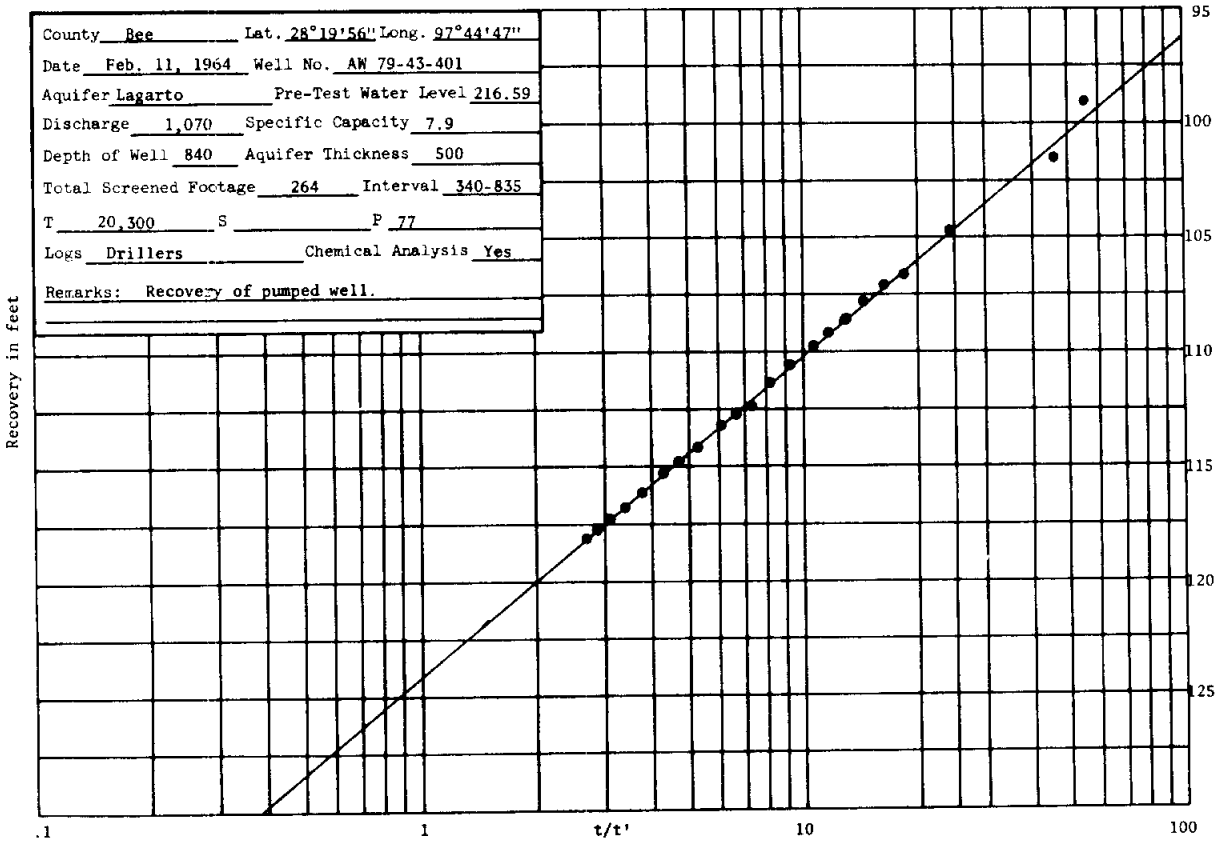
County Bee Lat. 28°20'12"Long. 97°44'40"
Date Feb. 11, 1964 Well No. AW-79-43-103
Aquifer Lagarto & Goliad Pre-Test Water Level 96.35
Discharge 1,070 Specific Capacity
Depth of Well 770 Aquifer Thickness
Total Screened Footage Interval
T 27,200 S .0009 P
Logs Chemical Analysis No
Remarks: Little is known about the well construction.

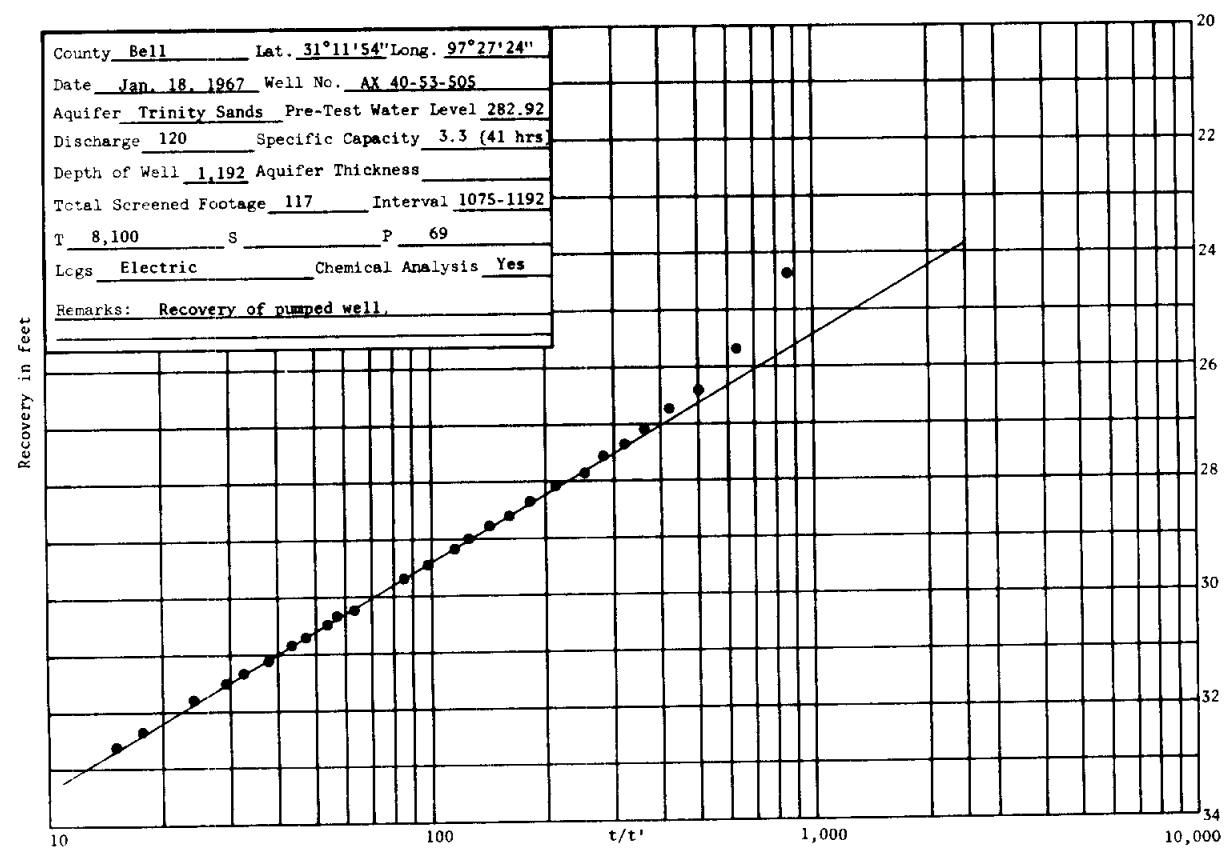


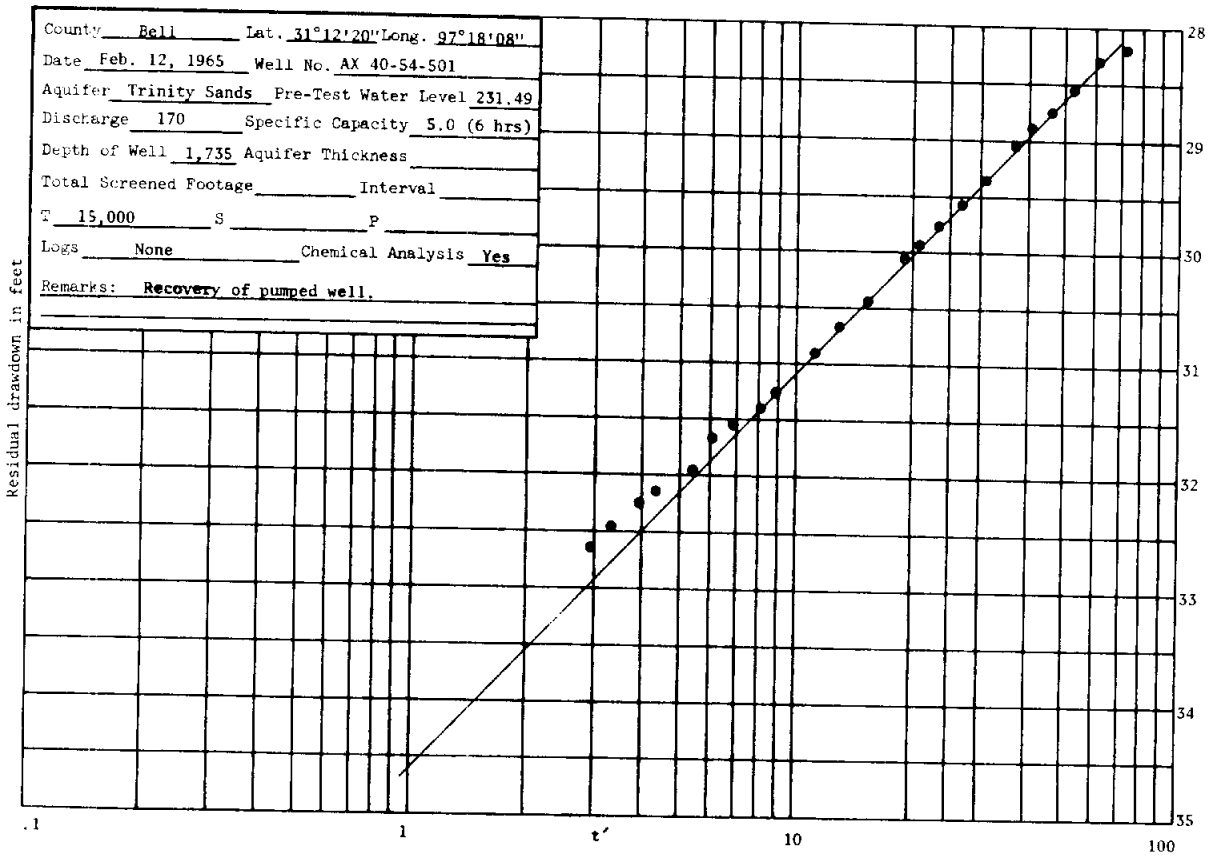
County Bee Lat. 28°20'12" Long. 97°44'40"
Date Feb. 11, 1964 Well No. AW-79-43-105
Aquifer Lagarto & Goliad Pre-Test Water Level 95.70
Discharge 1,070 Specific Capacity
Depth of Well 770 Aquifer Thickness
Total Screened Footage Interval
T 29,900 S .0009 P
Logs Chemical Analysis No
Remarks: Very little is known about the well construction.

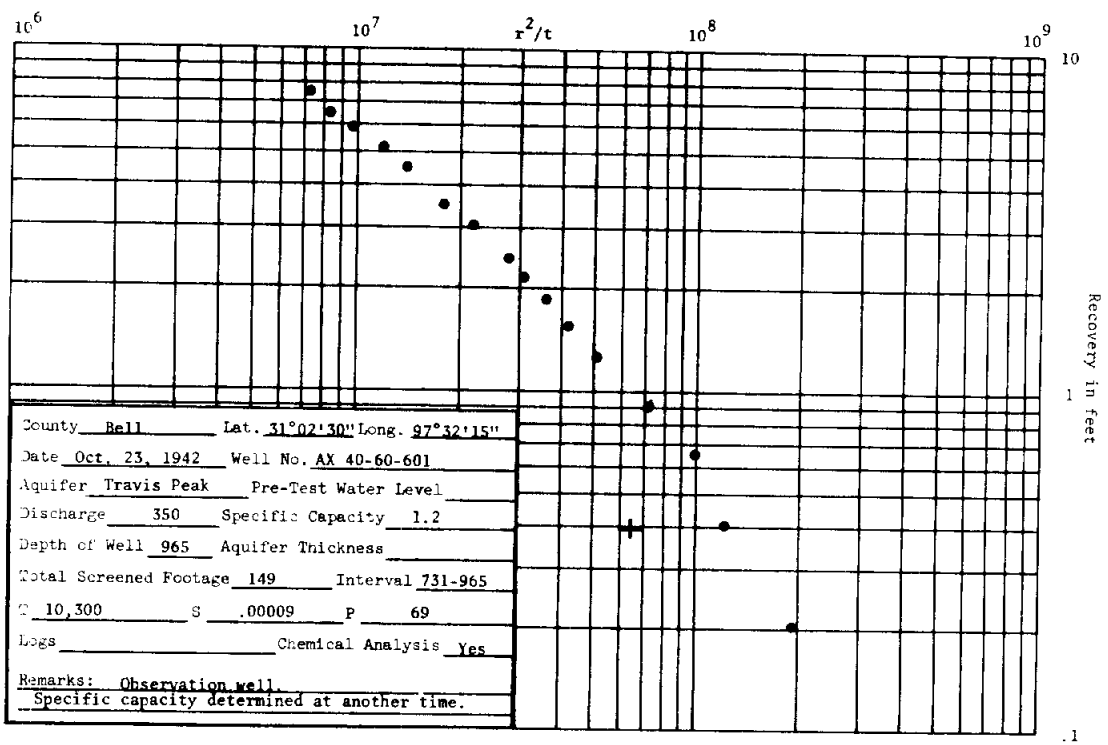


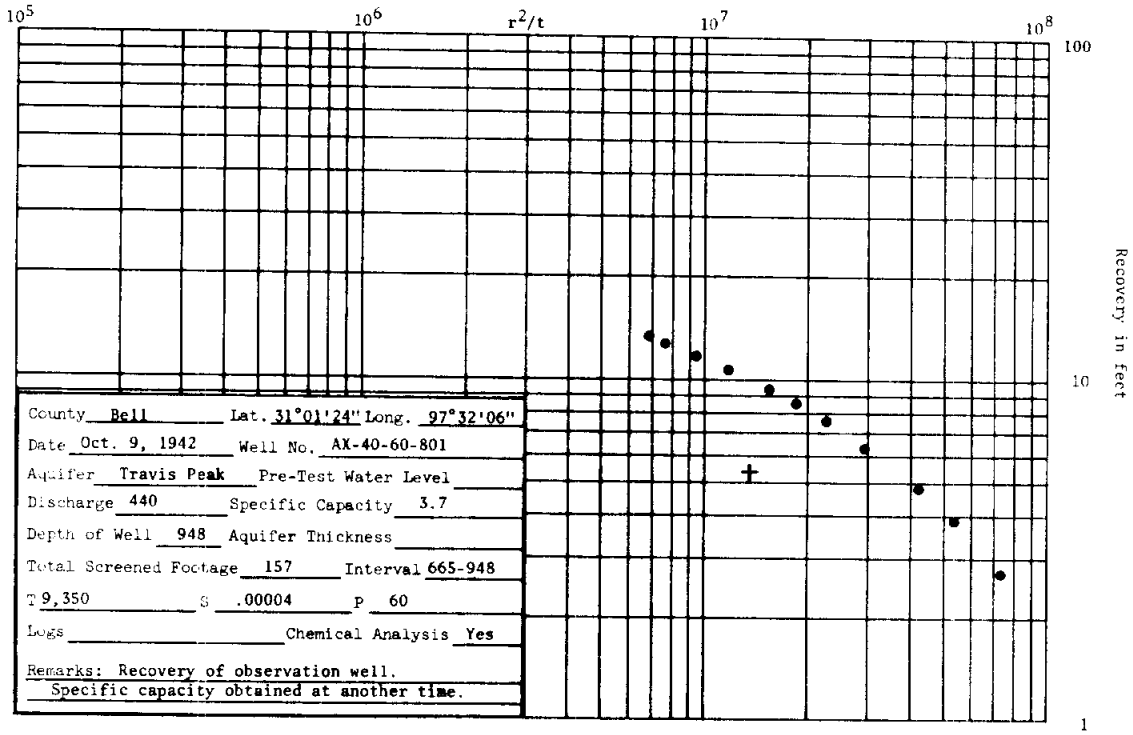
County Bee Lat. 28°20'13" Long. 97°44'40"
Date Feb. 11, 1964 Well No. AW-79-43-106
Aquifer Lagarto & Goliad Pre-Test Water Level 72.64
Discharge 1,070 Specific Capacity
Depth of Well 770 Aquifer Thickness
Total Screened Footage Interval
T 19,200 S .001 P
Logs Chemical Analysis No
Remarks: Very little is known about this well's construction.


County Bee Lat. 28°19'56" Long. 97°44'47"
Date Feb. 11, 1964 Well No. AW 79-43-401
Aquifer Lagarto Pre-Test Water Level 216.59
Discharge 1,070 Specific Capacity 7.9
Depth of Well 840 Aquifer Thickness 500
Total Screened Footage 264 Interval 340-835
T 20,300 S P 77
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
95
100
105
110
115
120
125
.1
1
t/t'
10
100

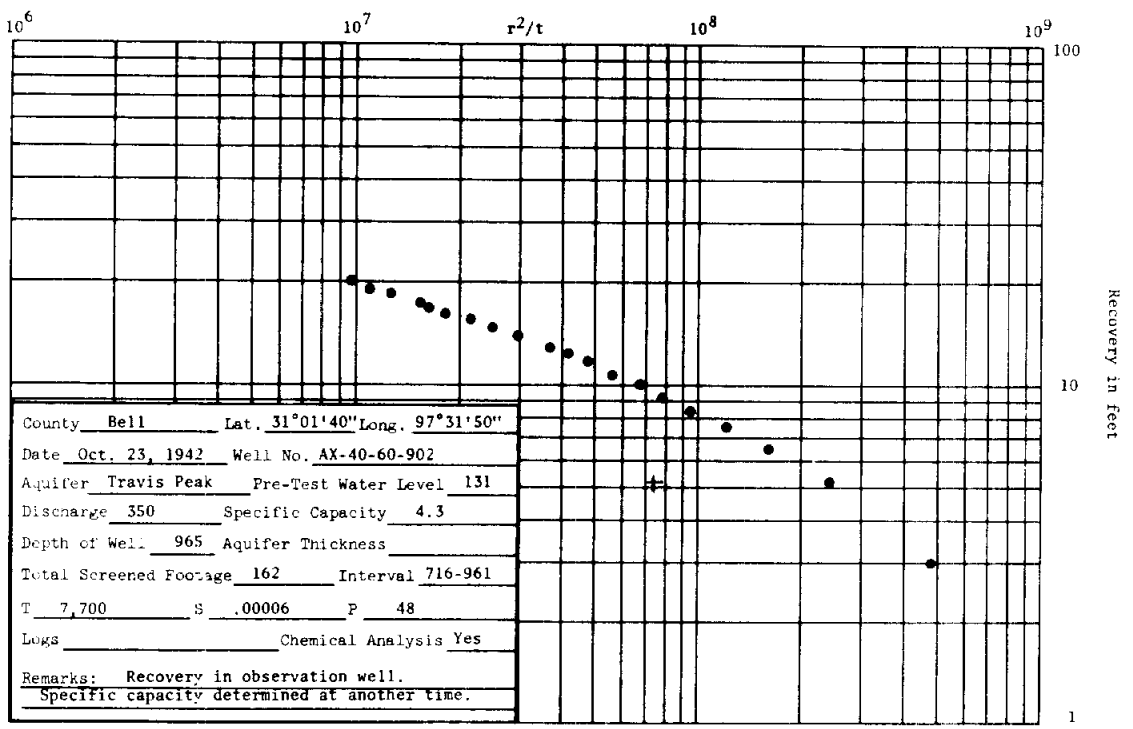

County Bell Lat. 31°11'54" Long. 97°27'24"
Date Jan. 18, 1967 Well No. AX 40-53-505
Aquifer Trinity Sands Pre-Test Water Level 282.92
Discharge 120 Specific Capacity 3.3 (41 hrs)
Depth of Well 1,192 Aquifer Thickness
Total Screened Footage 117 Interval 1075-1192
T 8,100 S P 69
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
20
22
24
26
28
30
32
34
10
100
t/t'
1,000
10,000


County Bell Lat. 31°12'20" Long. 97°18'08"
Date Feb. 12, 1965 Well No. AX 40-54-501
Aquifer Trinity Sands Pre-Test Water Level 231.49
Discharge 170 Specific Capacity 5.0 (6 hrs)
Depth of Well 1,735 Aquifer Thickness
Total Screened Footage Interval
T 15,000 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
28
29
30
31
32
33
34
35
.1
1
t′
10
100

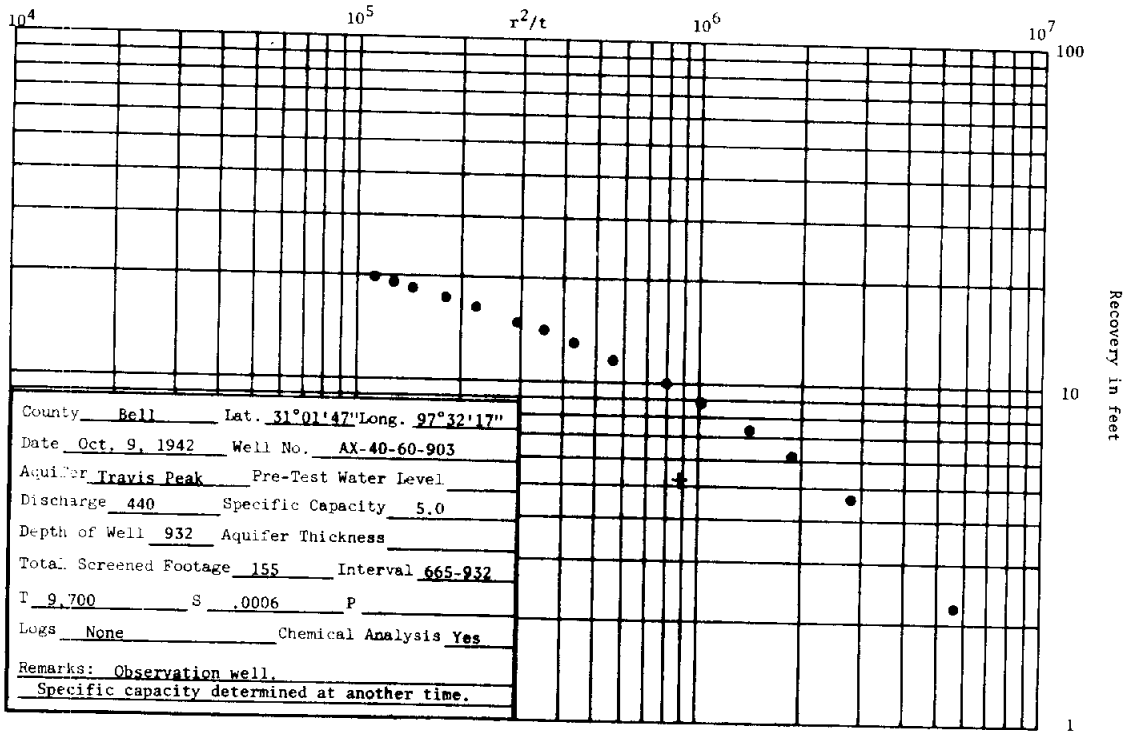

10^6
10^7
r^2/t
10^8
10^9
10
1
.1
Recovery in feet
County Bell Lat. 31°02'30" Long. 97°32'15"
Date Oct. 23, 1942 Well No. AX 40-60-601
Aquifer Travis Peak Pre-Test Water Level
Discharge 350 Specific Capacity 1.2
Depth of Well 965 Aquifer Thickness
Total Screened Footage 149 Interval 731-965
T 10,300 S .00009 P 69
Logs Chemical Analysis Yes
Remarks: Observation well.
Specific capacity determined at another time.



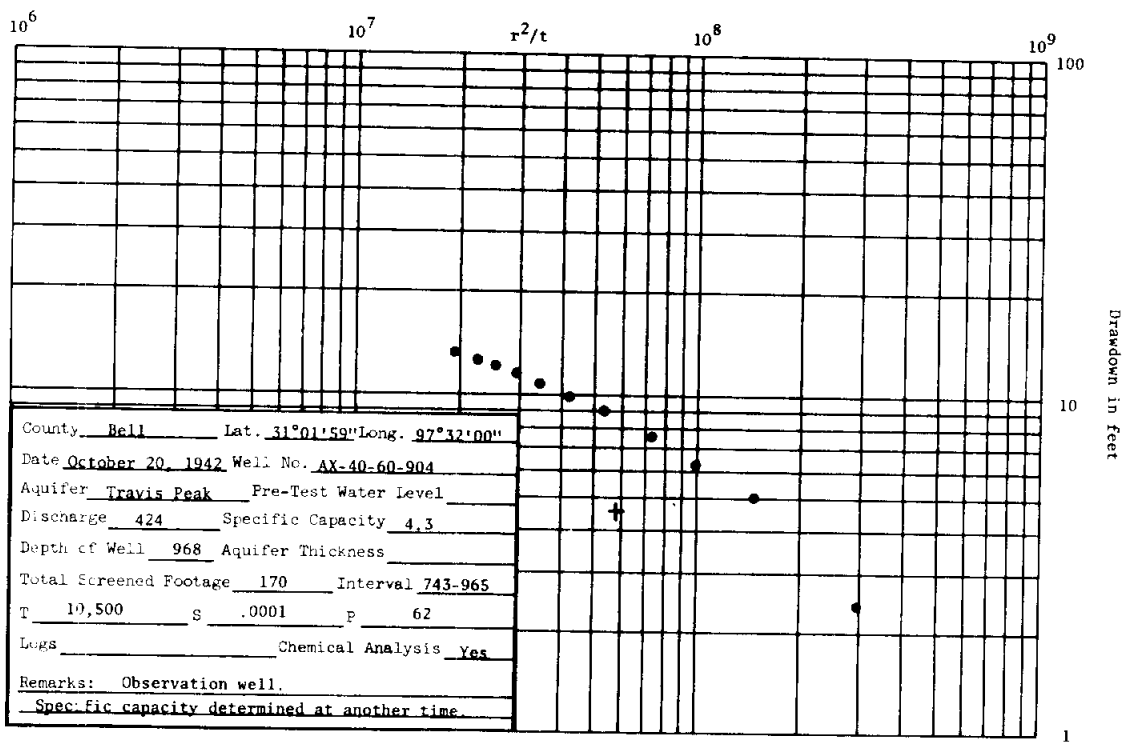
County Bell Lat. 31°01'24" Long. 97°32'06"
Date Oct. 9, 1942 Well No. AX-40-60-801
Aquifer Travis Peak Pre-Test Water Level
Discharge 440 Specific Capacity 3.7
Depth of Well 948 Aquifer Thickness
Total Screened Footage 157 Interval 665-948
T 9,350 S .00004 P 60
Logs Chemical Analysis Yes
Remarks: Recovery of observation well.
Specific capacity obtained at another time.



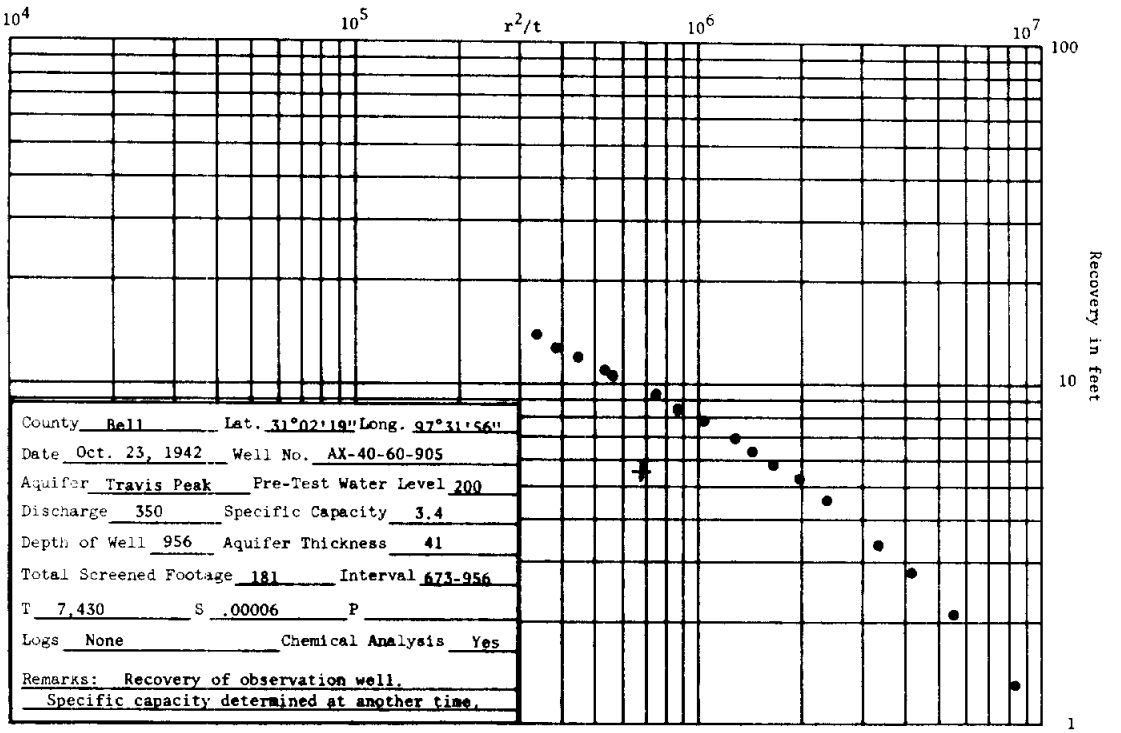
County Bell Lat. 31°01'40" Long. 97°31'50"
Date Oct. 23, 1942 Well No. AX-40-60-902
Aquifer Travis Peak Pre-Test Water Level 131
Discharge 350 Specific Capacity 4.3
Depth of Well 965 Aquifer Thickness
Total Screened Footage 162 Interval 716-961
T 7,700 S .00006 P 48
Logs Chemical Analysis Yes
Remarks: Recovery in observation well.
Specific capacity determined at another time.



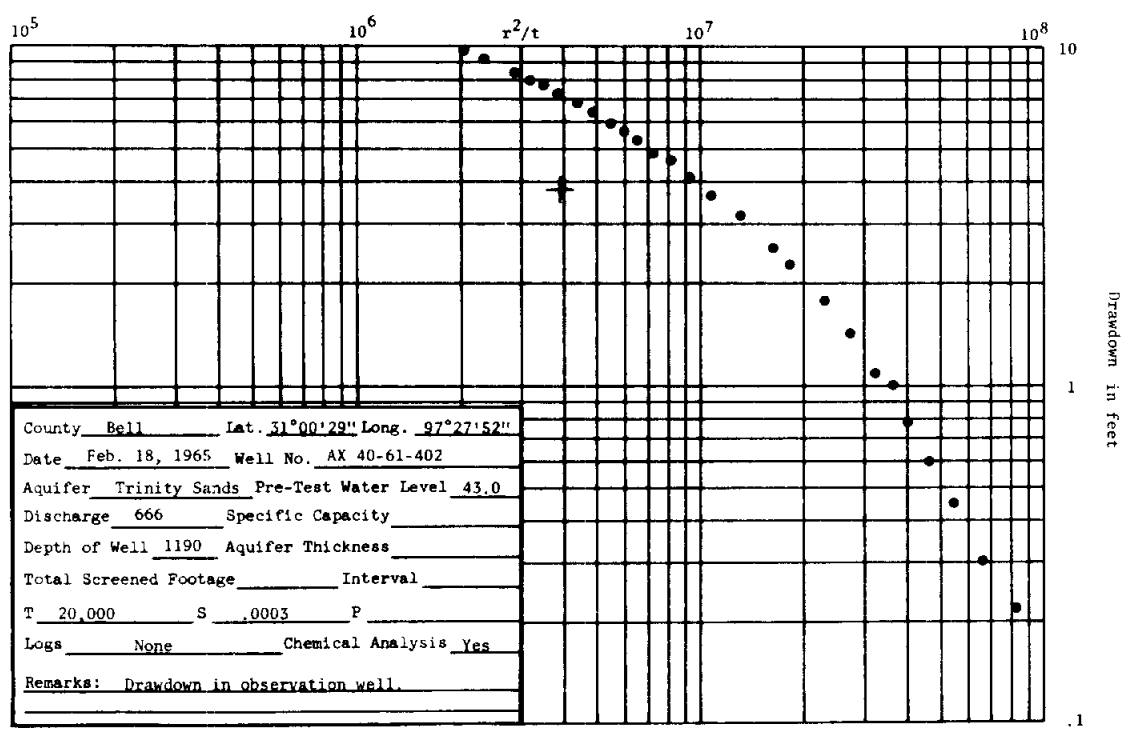
County Bell Lat. 31°01'47"Long. 97°32'17"
Date Oct. 9, 1942 Well No. AX-40-60-903
Aquifer Travis Peak Pre-Test Water Level
Discharge 440 Specific Capacity 5.0
Depth of Well 932 Aquifer Thickness
Total Screened Footage 155 Interval 665-932
T 9,700 S .0006 P
Logs None Chemical Analysis Yes
Remarks: Observation well.
Specific capacity determined at another time.



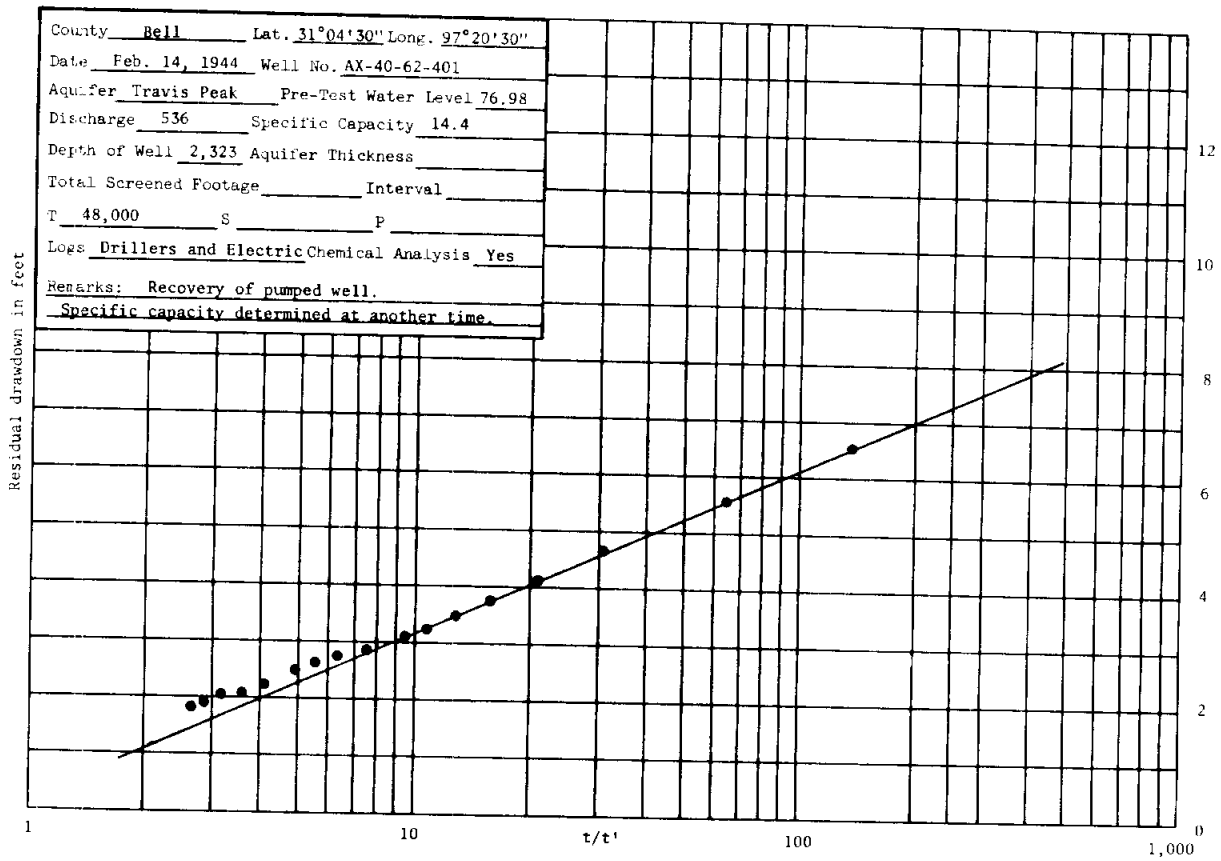
County Bell Lat. 31°01'59"Long. 97°32'00"
Date October 20, 1942 Well No. AX-40-60-904
Aquifer Travis Peak Pre-Test Water Level
Discharge 424 Specific Capacity 4.3
Depth of Well 968 Aquifer Thickness
Total Screened Footage 170 Interval 743-965
T 10,500 S .0001 P 62
Logs Chemical Analysis Yes
Remarks: Observation well.
Specific capacity determined at another time.

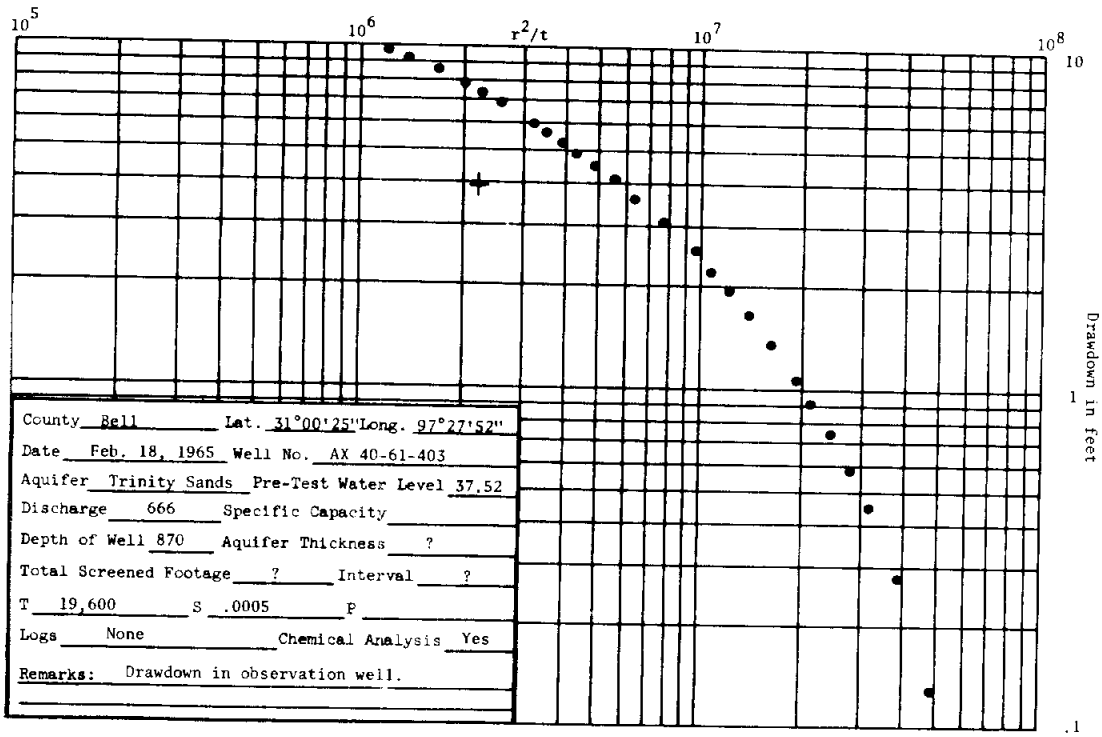


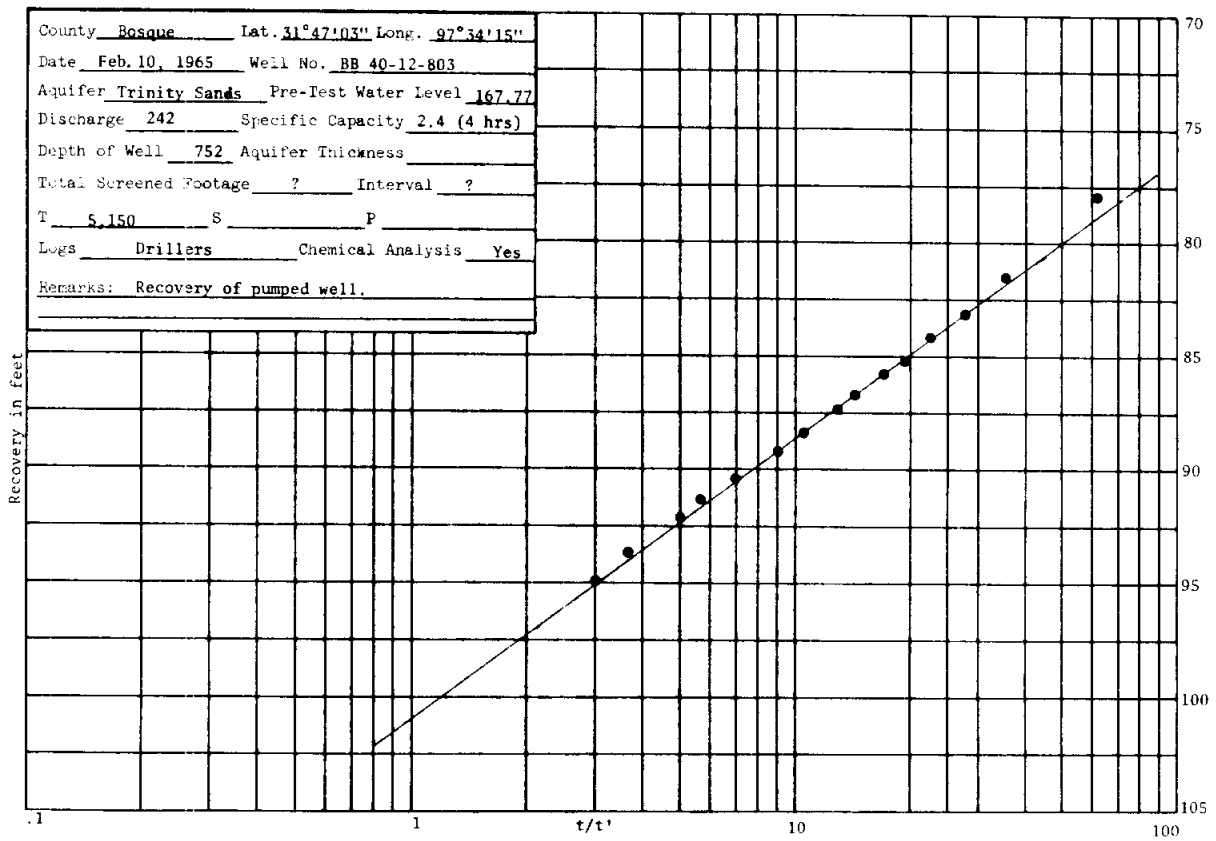
County Bell Lat. 31°02'19" Long. 97°31'56"
Date Oct. 23, 1942 Well No. AX-40-60-905
Aquifer Travis Peak Pre-Test Water Level 200
Discharge 350 Specific Capacity 3.4
Depth of Well 956 Aquifer Thickness 41
Total Screened Footage 181 Interval 673-956
T 7,430 S .00006 P
Logs None Chemical Analysis Yes
Remarks: Recovery of observation well.
Specific capacity determined at another time.

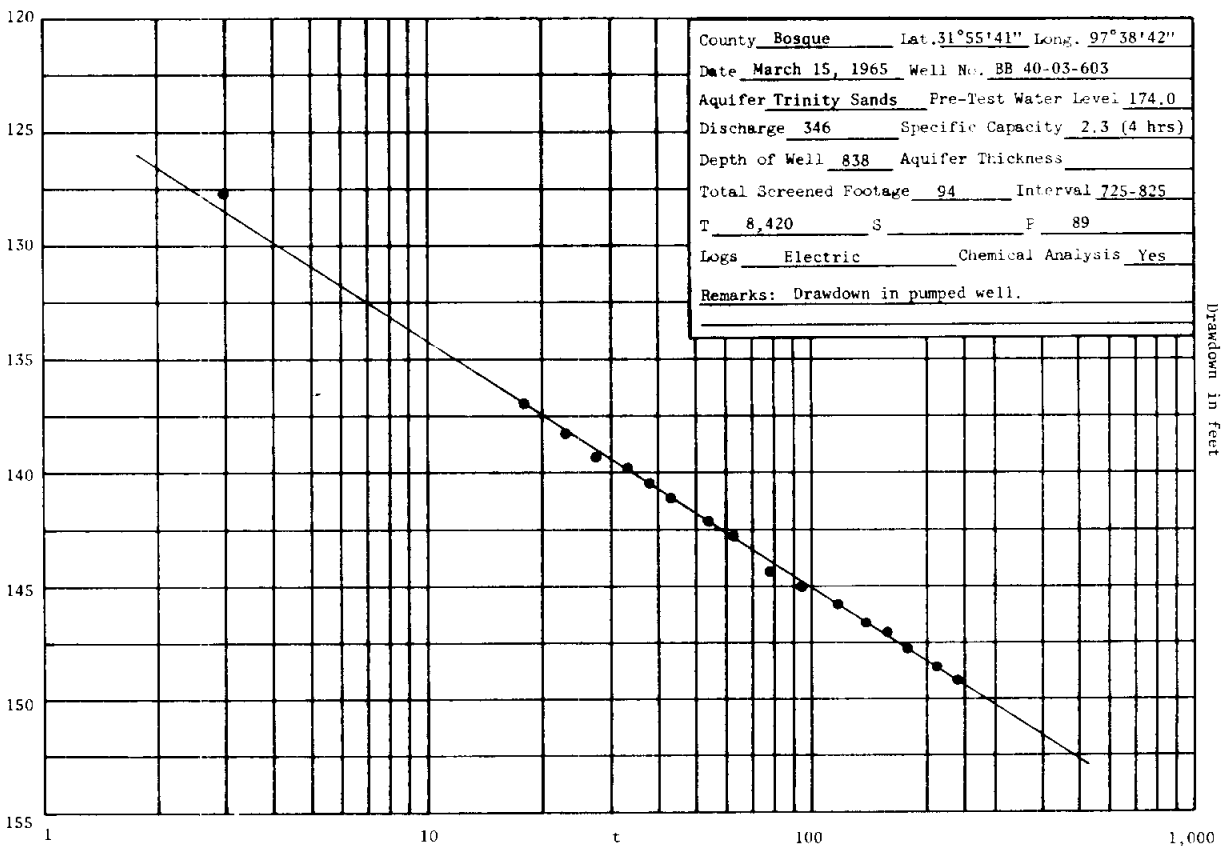


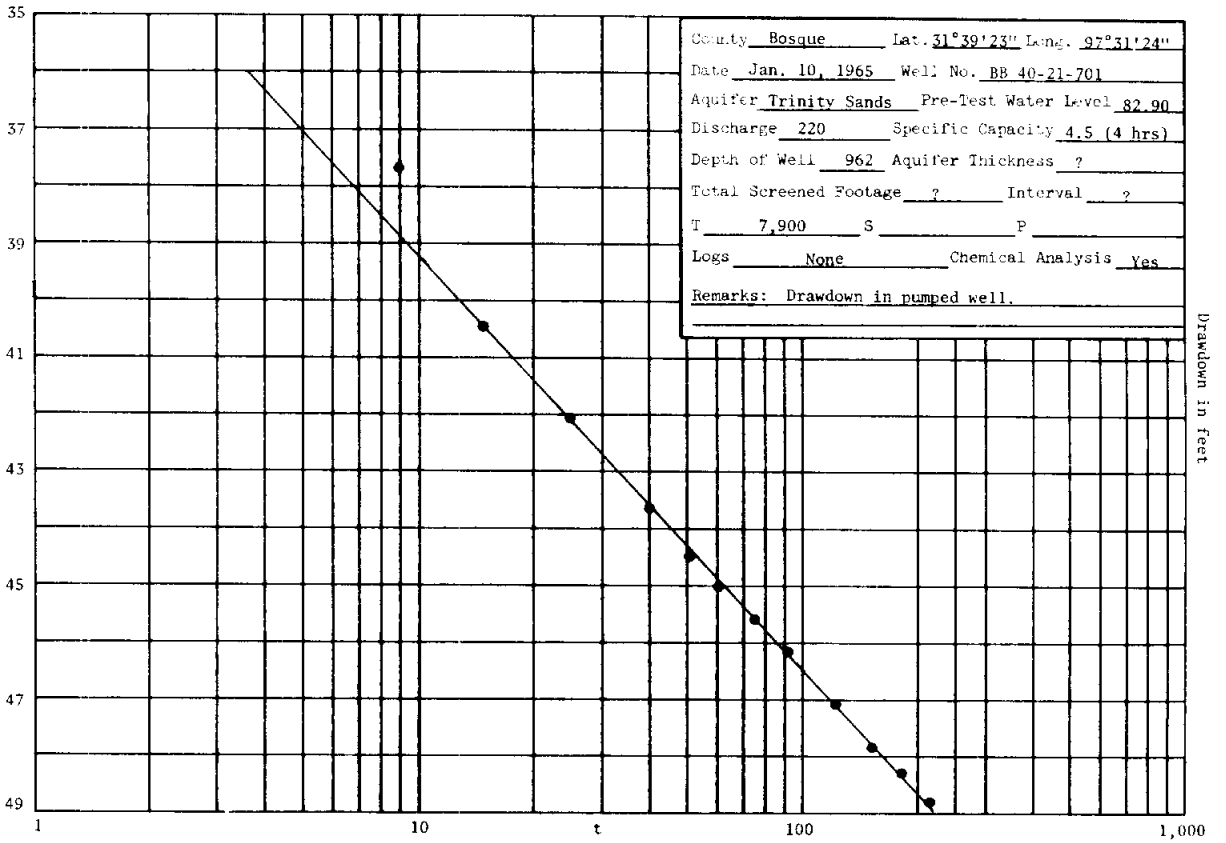
County Bell Lat. 31°00'29" Long. 97°27'52"
Date Feb. 18, 1965 Well No. AX 40-61-402
Aquifer Trinity Sands Pre-Test Water Level 43.0
Discharge 666 Specific Capacity
Depth of Well 1190 Aquifer Thickness
Total Screened Footage Interval
T 20,000 S .0003 P
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.

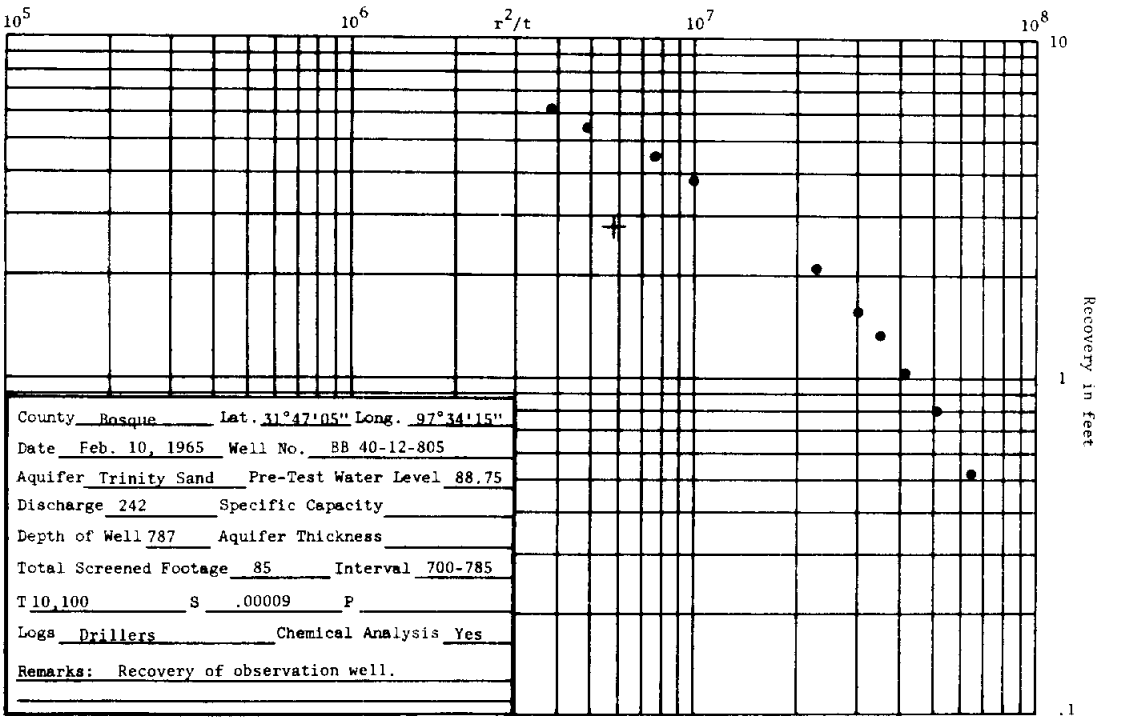

County Bell Lat. 31°04'30" Long. 97°20'30"
Date Feb. 14, 1944 Well No. AX-40-62-401
Aquifer Travis Peak Pre-Test Water Level 76.98
Discharge 536 Specific Capacity 14.4
Depth of Well 2,323 Aquifer Thickness
Total Screened Footage Interval
T 48,000 S P
Logs Drillers and Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Specific capacity determined at another time.
Residual drawdown in feet
t/t'
1
10
100
1,000
0
2
4
6
8
10
12

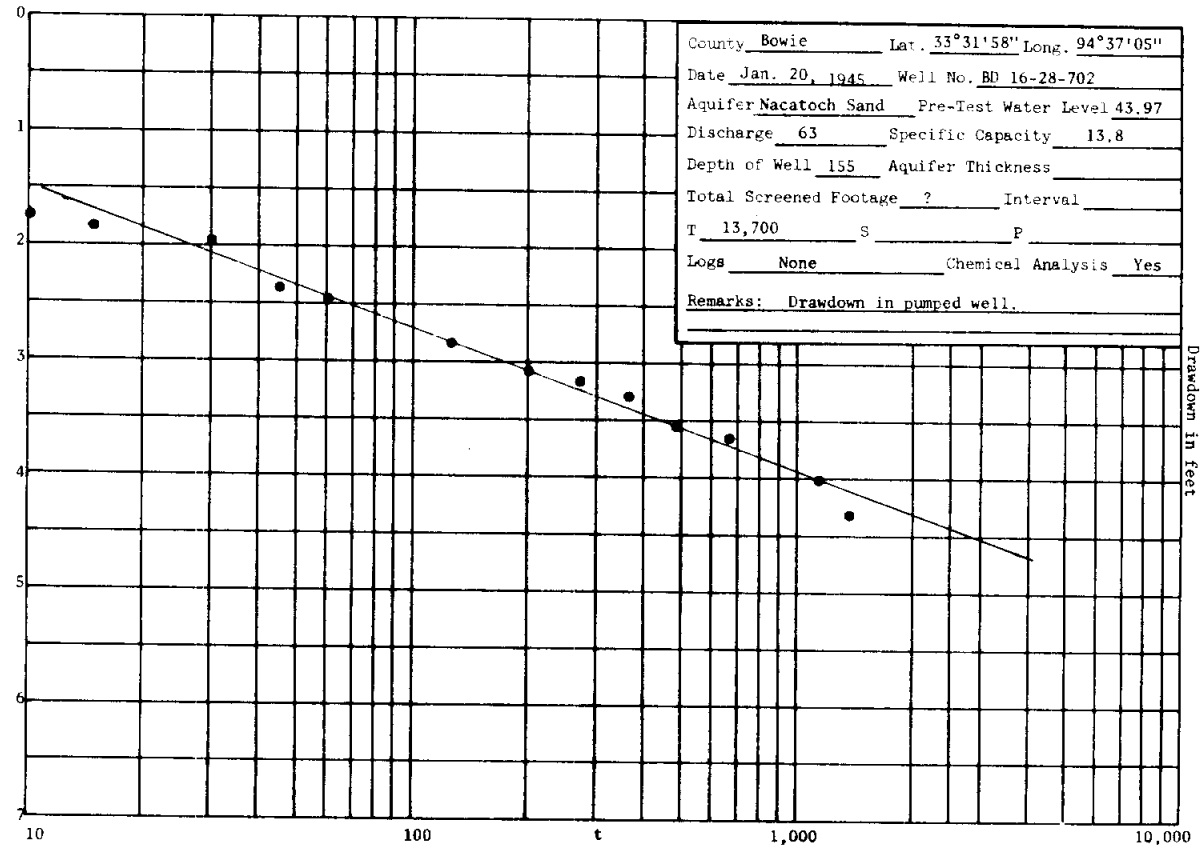

County Bell Lat. 31°00'25"Long. 97°27'52"
Date Feb. 18, 1965 Well No. AX 40-61-403
Aquifer Trinity Sands Pre-Test Water Level 37.52
Discharge 666 Specific Capacity
Depth of Well 870 Aquifer Thickness ?
Total Screened Footage ? Interval ?
T 19,600 S .0005 P
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.
10^5
10^6
r^2/t
10^7
10^8
Drawdown in feet
10
1
.1

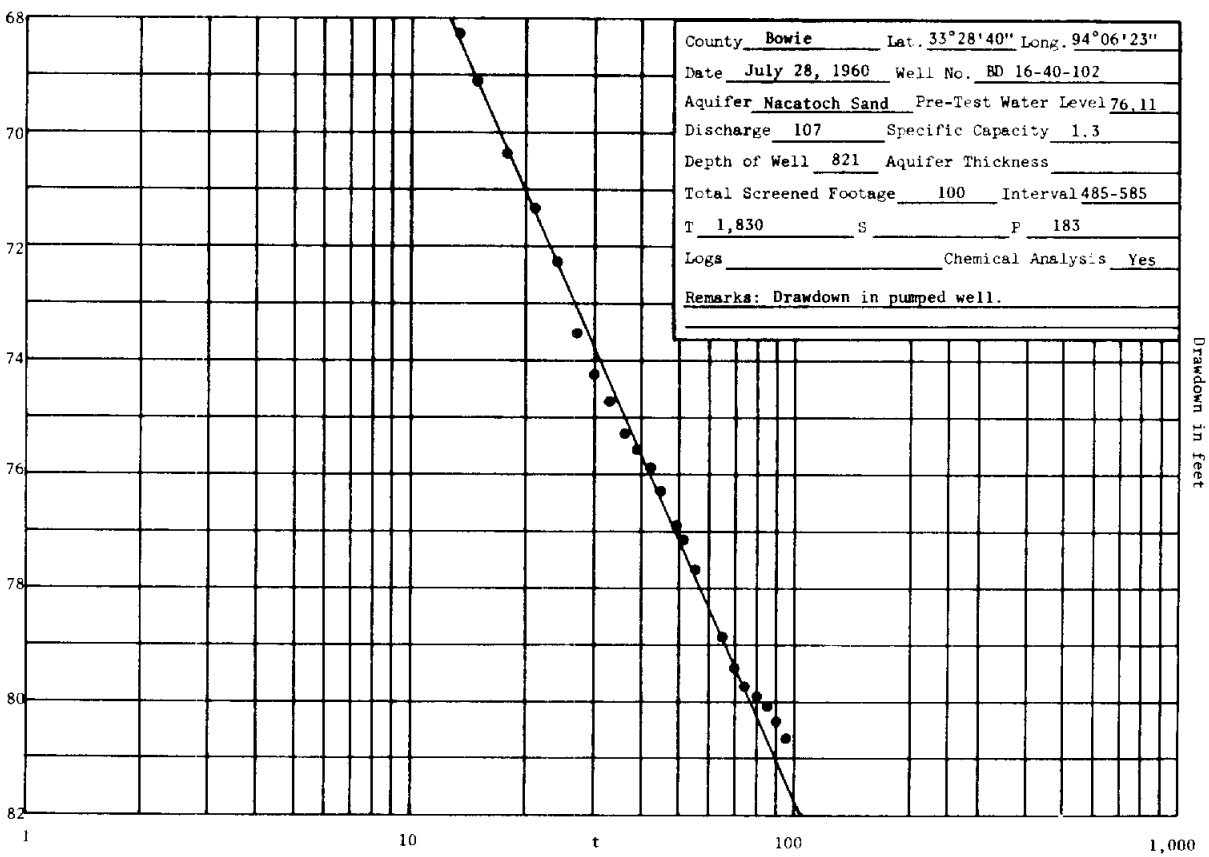

County Bosque Lat. 31°47'03" Long. 97°34'15"
Date Feb. 10, 1965 Well No. BB 40-12-803
Aquifer Trinity Sands Pre-Test Water Level 167.77
Discharge 242 Specific Capacity 2.4 (4 hrs)
Depth of Well 752 Aquifer Thickness
Total Screened Footage ? Interval ?
T 5,150 S P
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
70
75
80
85
90
95
100
105
.1
1
t/t'
10
100

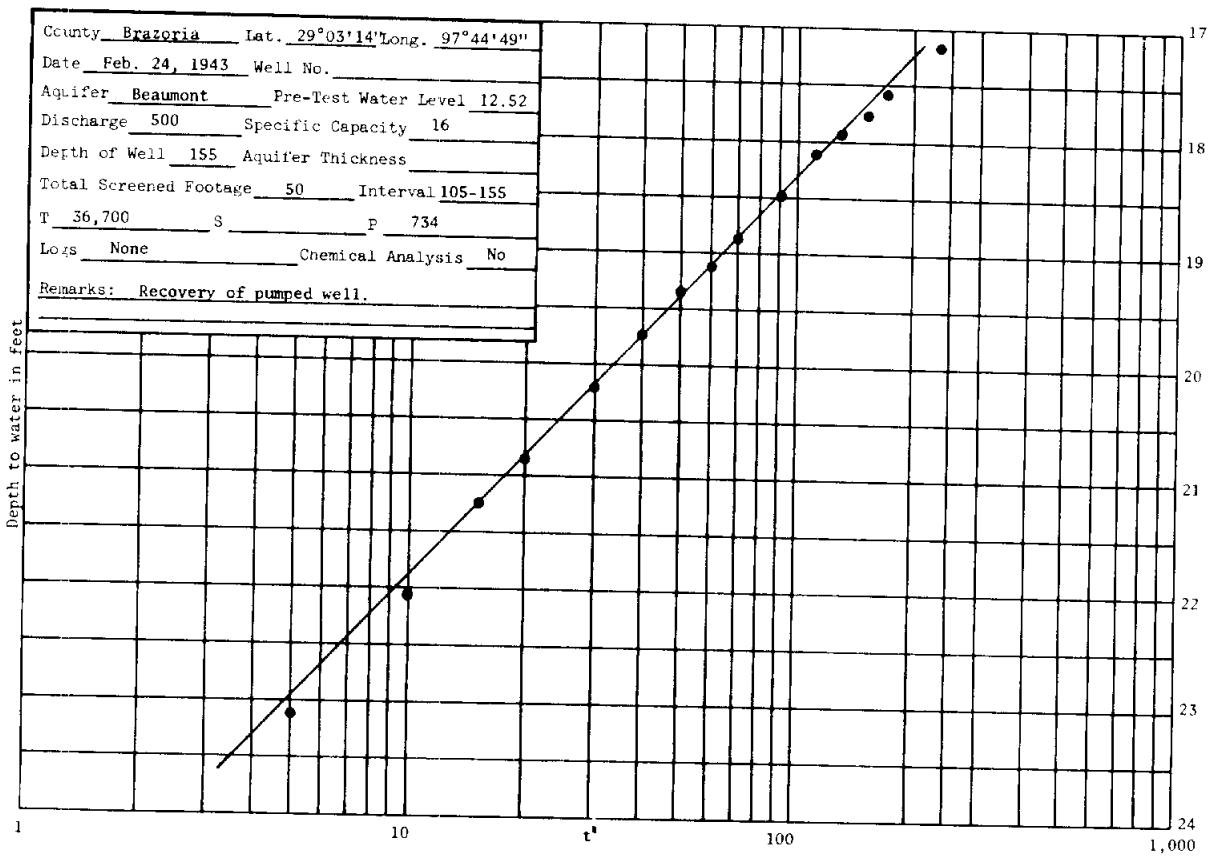

County Bosque Lat. 31°55'41" Long. 97°38'42"
Date March 15, 1965 Well No. BB 40-03-603
Aquifer Trinity Sands Pre-Test Water Level 174.0
Discharge 346 Specific Capacity 2.3 (4 hrs)
Depth of Well 838 Aquifer Thickness
Total Screened Footage 94 Interval 725-825
T 8,420 S P 89
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
Drawdown in feet
120
125
130
135
140
145
150
155
1
10
t
100
1,000

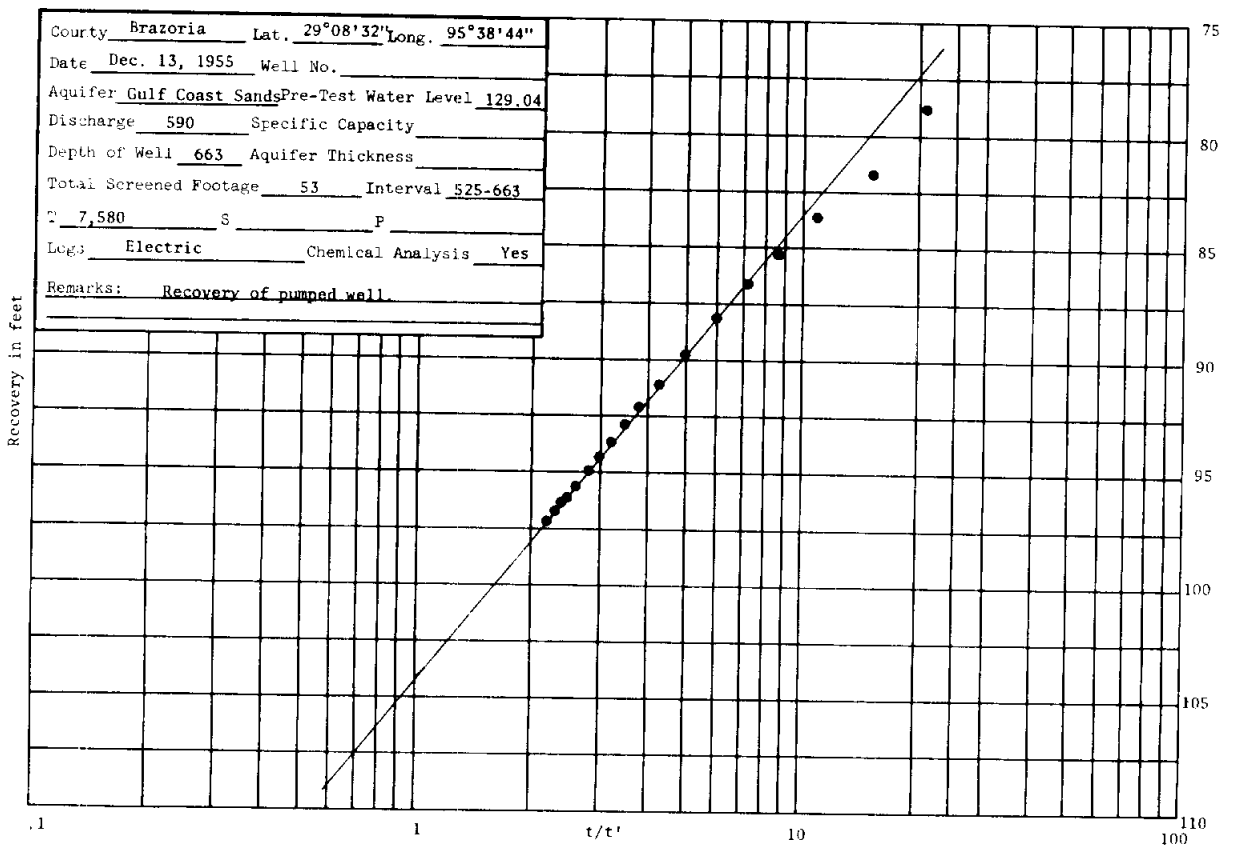

County Bosque Lat. 31°39'23" Long. 97°31'24"
Date Jan. 10, 1965 Well No. BB 40-21-701
Aquifer Trinity Sands Pre-Test Water Level 82.90
Discharge 220 Specific Capacity 4.5 (4 hrs)
Depth of Well 962 Aquifer Thickness ?
Total Screened Footage ? Interval ?
T 7,900 S P
Logs None Chemical Analysis Yes
Remarks: Drawdown in pumped well.
35
37
39
41
43
45
47
49
1
10
t
100
1,000
Drawdown in feet

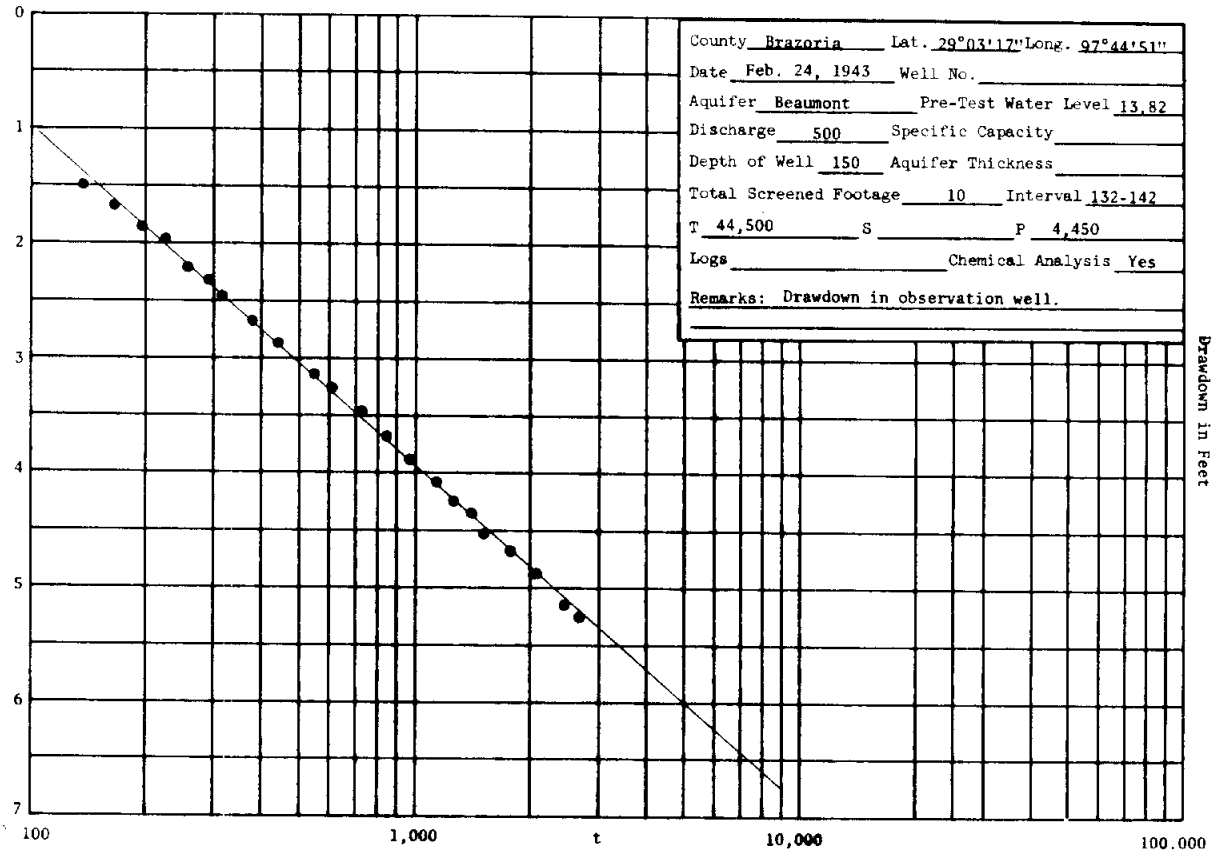

10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet
County Bosque Lat. 31°47'05" Long. 97°34'15"
Date Feb. 10, 1965 Well No. BB 40-12-805
Aquifer Trinity Sand Pre-Test Water Level 88.75
Discharge 242 Specific Capacity
Depth of Well 787 Aquifer Thickness
Total Screened Footage 85 Interval 700-785
T 10,100 S .00009 P
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of observation well.

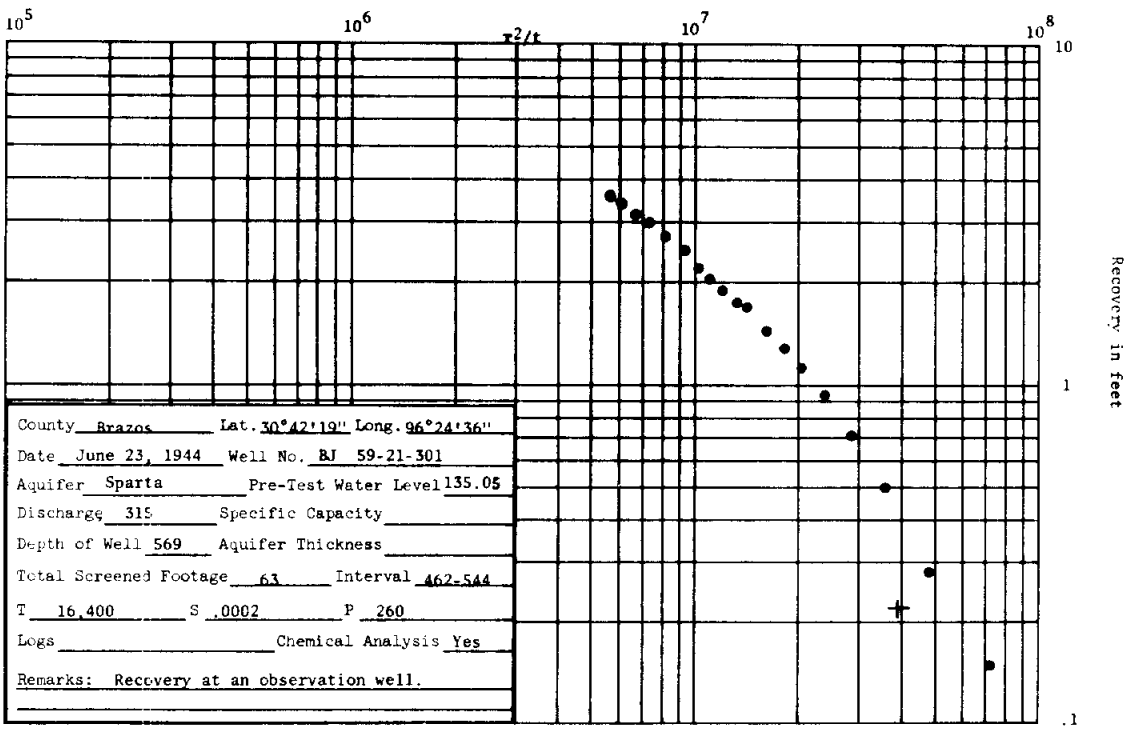

County Bowie Lat. 33°31'58" Long. 94°37'05"
Date Jan. 20, 1945 Well No. BD 16-28-702
Aquifer Nacatoch Sand Pre-Test Water Level 43.97
Discharge 63 Specific Capacity 13.8
Depth of Well 155 Aquifer Thickness
Total Screened Footage ? Interval
T 13,700 S P
Logs None Chemical Analysis Yes
Remarks: Drawdown in pumped well.
0
1
2
3
4
5
6
7
10
100
t
1,000
10,000
Drawdown in feet

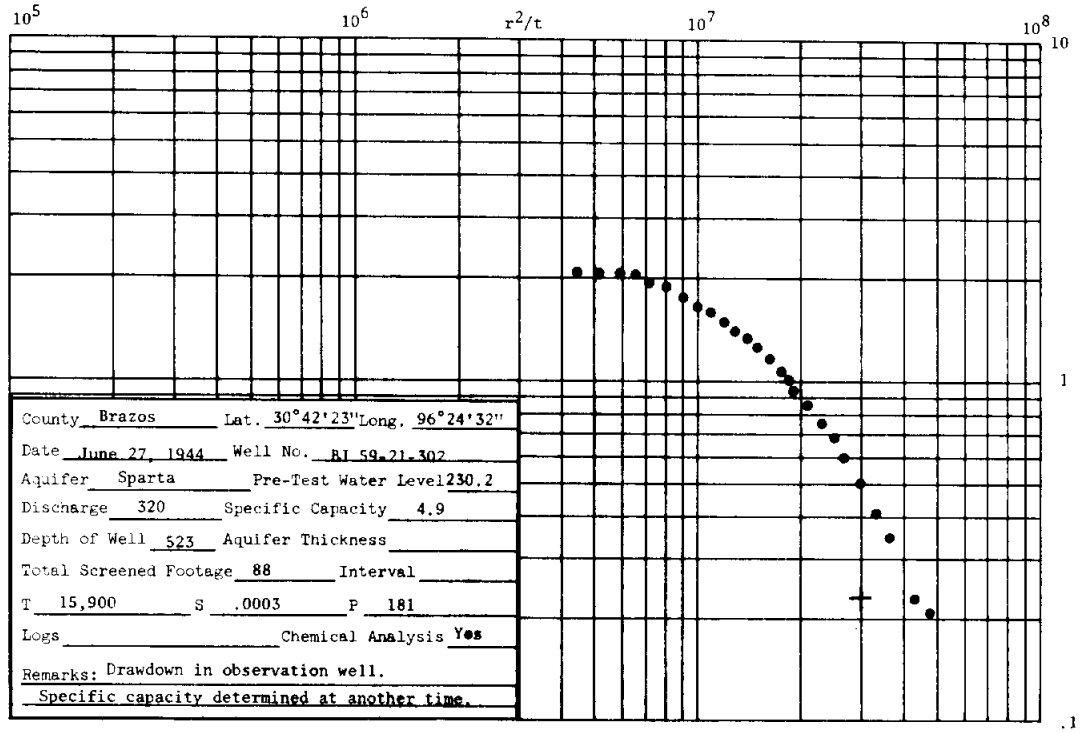

County Bowie Lat. 33°28'40" Long. 94°06'23"
Date July 28, 1960 Well No. BD 16-40-102
Aquifer Nacatoch Sand Pre-Test Water Level 76.11
Discharge 107 Specific Capacity 1.3
Depth of Well 821 Aquifer Thickness
Total Screened Footage 100 Interval 485-585
T 1,830 S P 183
Logs Chemical Analysis Yes
Remarks: Drawdown in pumped well.
68
70
72
74
76
78
80
82
1
10
t
100
1,000
Drawdown in feet


County Brazoria Lat. 29°03'14" Long. 97°44'49"
Date Feb. 24, 1943 Well No.
Aquifer Beaumont Pre-Test Water Level 12.52
Discharge 500 Specific Capacity 16
Depth of Well 155 Aquifer Thickness
Total Screened Footage 50 Interval 105-155
T 36,700 S P 734
Logs None Chemical Analysis No
Remarks: Recovery of pumped well.
Depth to water in feet
17
18
19
20
21
22
23
24
1
10
t'
100
1,000

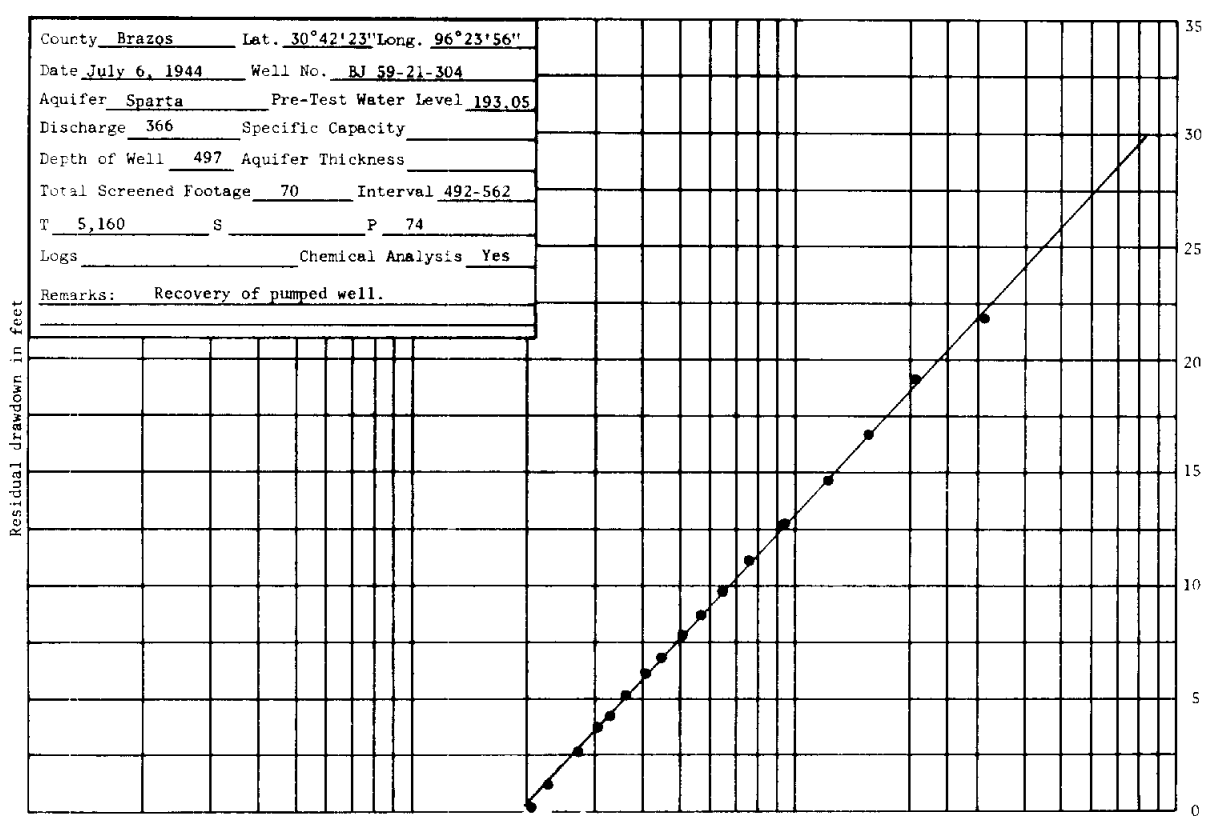

County Brazoria Lat. 29°08'32" Long. 95°38'44"
Date Dec. 13, 1955 Well No.
Aquifer Gulf Coast Sands Pre-Test Water Level 129.04
Discharge 590 Specific Capacity
Depth of Well 663 Aquifer Thickness
Total Screened Footage 53 Interval 525-663
T 7,580 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
75
80
85
90
95
100
105
110
.1
1
t/t'
10
100


County Brazoria Lat. 29°03'17" Long. 97°44'51"
Date Feb. 24, 1943 Well No.
Aquifer Beaumont Pre-Test Water Level 13.82
Discharge 500 Specific Capacity
Depth of Well 150 Aquifer Thickness
Total Screened Footage 10 Interval 132-142
T 44,500 S P 4,450
Logs Chemical Analysis Yes
Remarks: Drawdown in observation well.
0
1
2
3
4
5
6
7
100
1,000
t
10,000
100.000
Drawdown in Feet

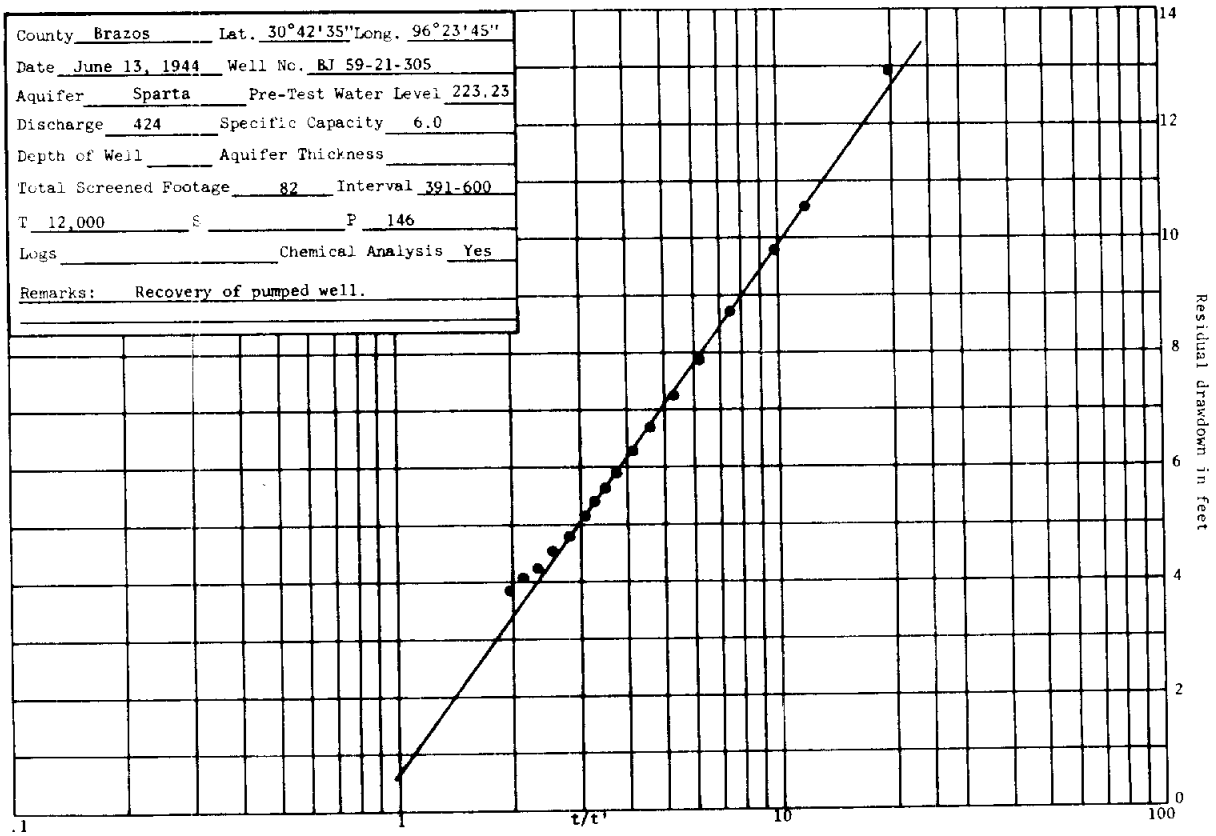

10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet
County Brazos Lat. 30°42'19" Long. 96°24'36"
Date June 23, 1944 Well No. BJ 59-21-301
Aquifer Sparta Pre-Test Water Level 135.05
Discharge 315 Specific Capacity
Depth of Well 569 Aquifer Thickness
Total Screened Footage 63 Interval 462-544
T 16,400 S .0002 P 260
Logs Chemical Analysis Yes
Remarks: Recovery at an observation well.

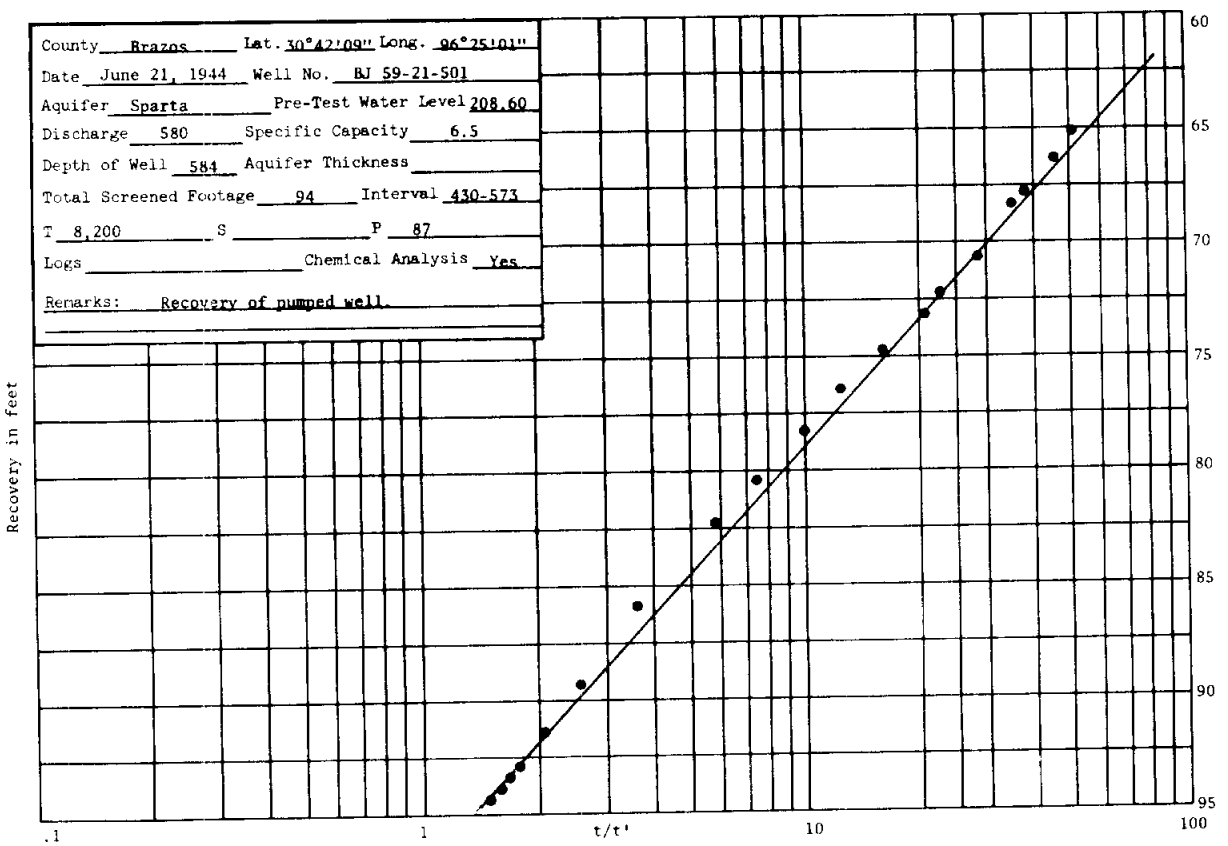


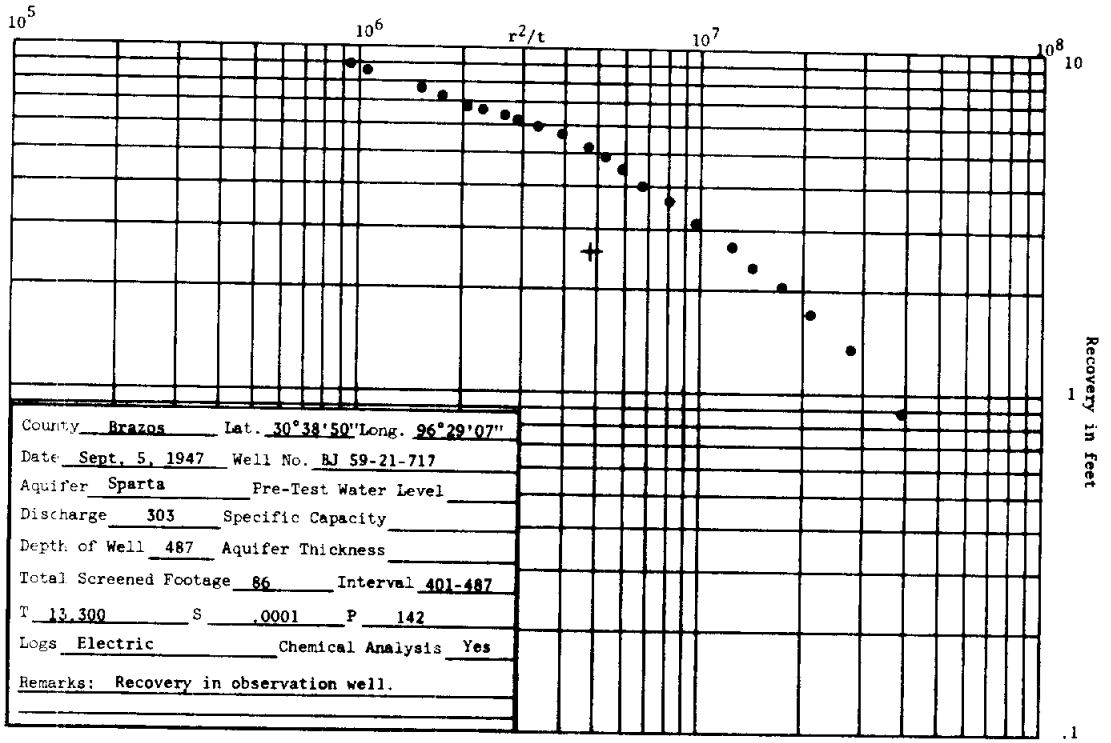
County Brazos Lat. 30°42'23"Long. 96°24'32"
Date June 27, 1944 Well No. BJ 59-21-302
Aquifer Sparta Pre-Test Water Level 230.2
Discharge 320 Specific Capacity 4.9
Depth of Well 523 Aquifer Thickness
Total Screened Footage 88 Interval
T 15,900 S .0003 P 181
Logs Chemical Analysis Yes
Remarks: Drawdown in observation well.
Specific capacity determined at another time.



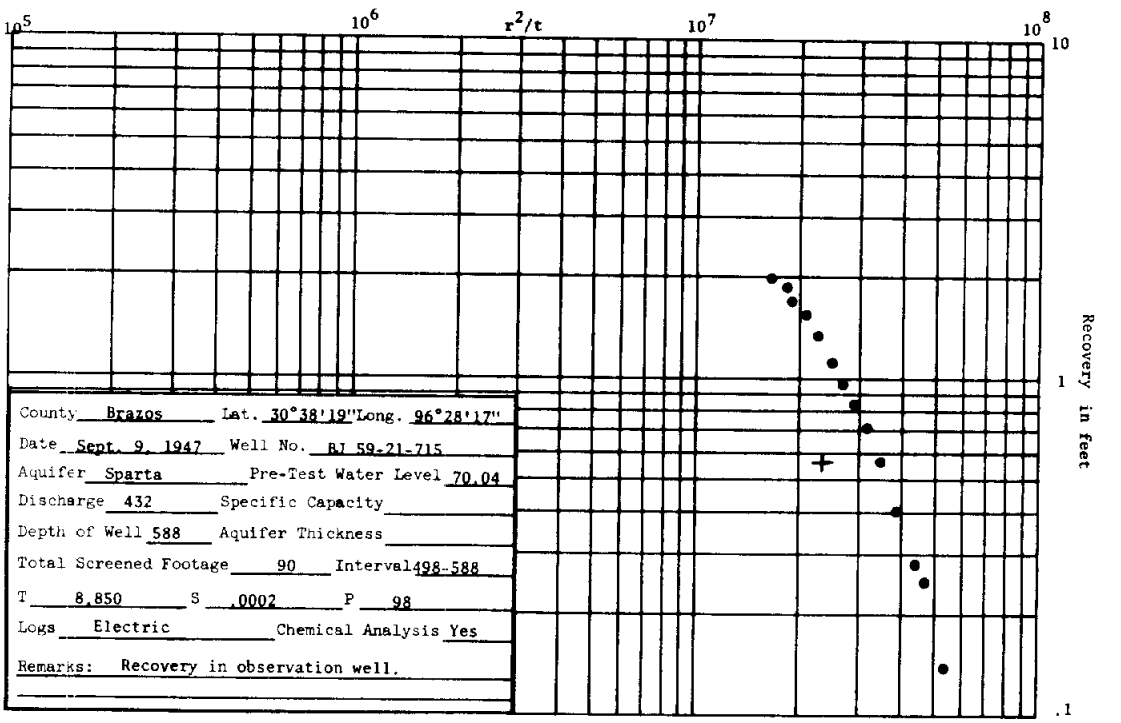
County Brazos Lat. 30°42'23"Long. 96°23'56"
Date July 6, 1944 Well No. BJ 59-21-304
Aquifer Sparta Pre-Test Water Level 193.05
Discharge 366 Specific Capacity
Depth of Well 497 Aquifer Thickness
Total Screened Footage 70 Interval 492-562
T 5,160 S P 74
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.


County Brazos Lat. 30°42'35" Long. 96°23'45"
Date June 13, 1944 Well No. BJ 59-21-305
Aquifer Sparta Pre-Test Water Level 223.23
Discharge 424 Specific Capacity 6.0
Depth of Well Aquifer Thickness
Total Screened Footage 82 Interval 391-600
T 12,000 S P 146
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
2
4
6
8
10
12
14
.1
1
t/t'
10
100

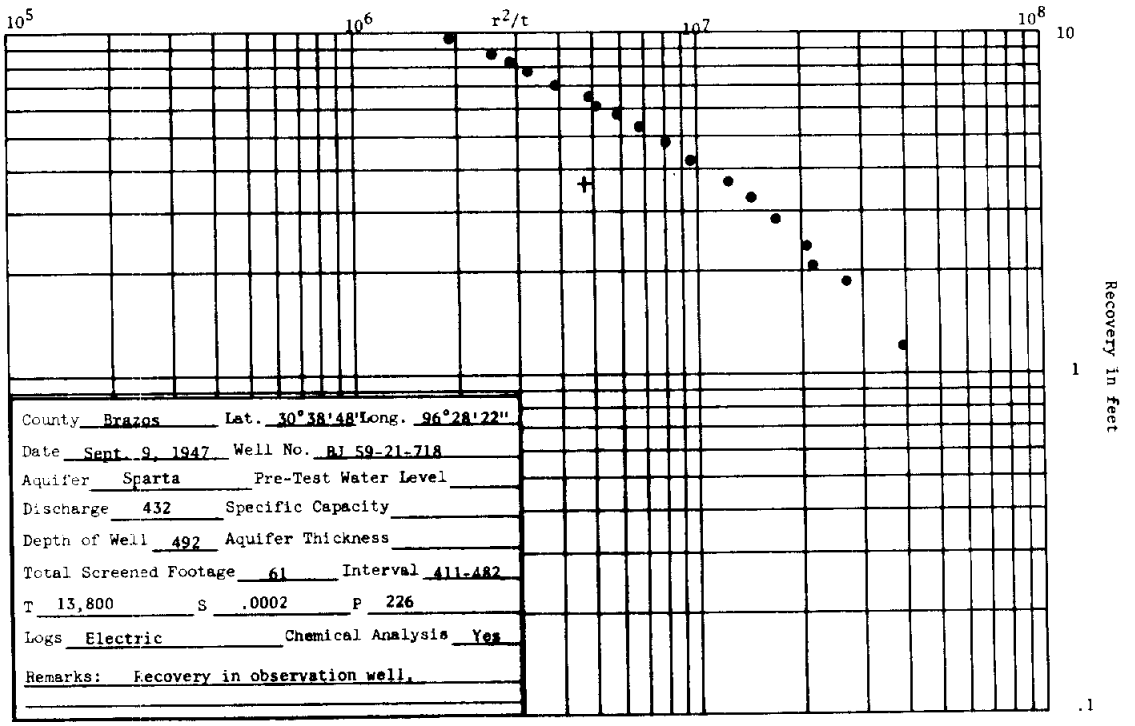

County Brazos Lat. 30°42'09" Long. 96°25'01"
Date June 21, 1944 Well No. BJ 59-21-501
Aquifer Sparta Pre-Test Water Level 208.60
Discharge 580 Specific Capacity 6.5
Depth of Well 584 Aquifer Thickness
Total Screened Footage 94 Interval 430-573
T 8,200 S P 87
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
60
65
70
75
80
85
90
95
.1
1
t/t'
10
100



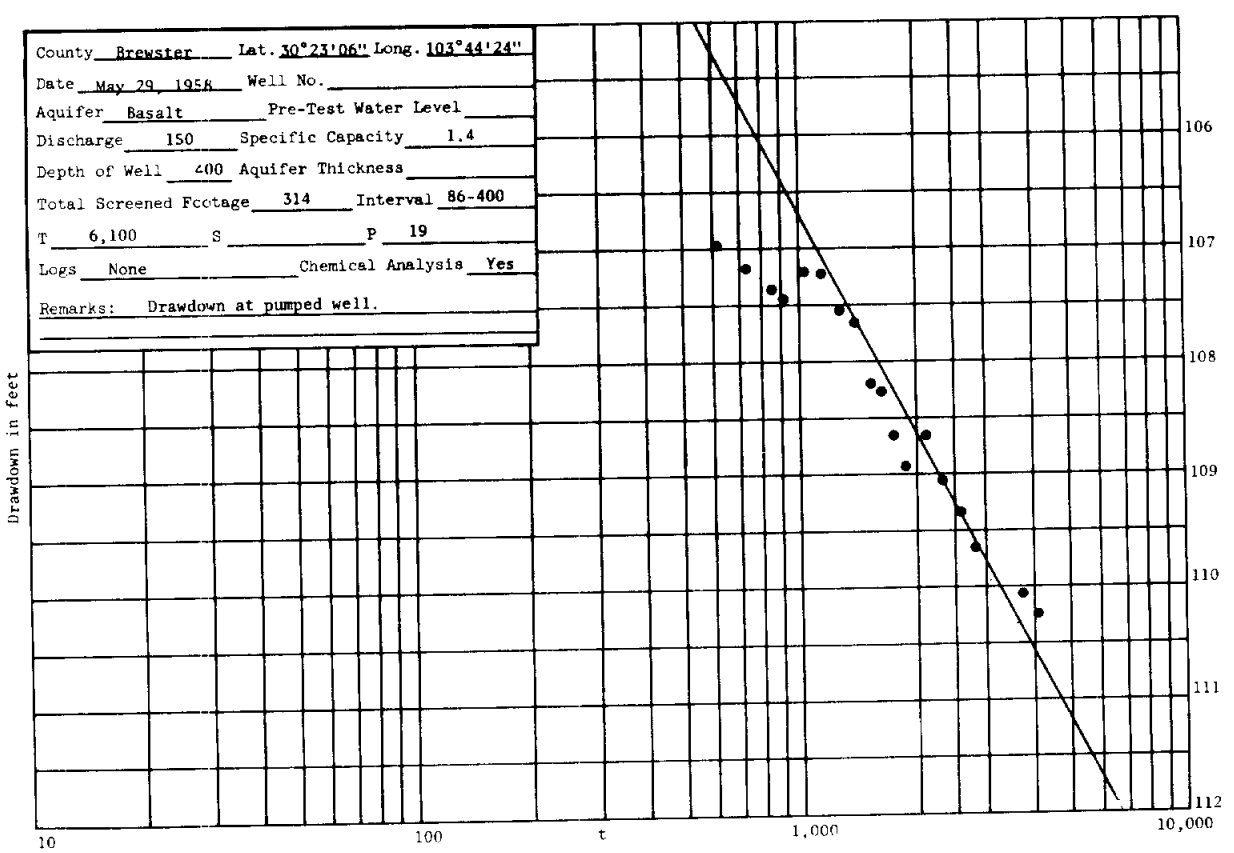
County Brazos Lat. 30°38'50"Long. 96°29'07"
Date Sept. 5, 1947 Well No. BJ 59-21-717
Aquifer Sparta Pre-Test Water Level
Discharge 303 Specific Capacity
Depth of Well 487 Aquifer Thickness
Total Screened Footage 86 Interval 401-487
T 13,300 S .0001 P 142
Logs Electric Chemical Analysis Yes
Remarks: Recovery in observation well.



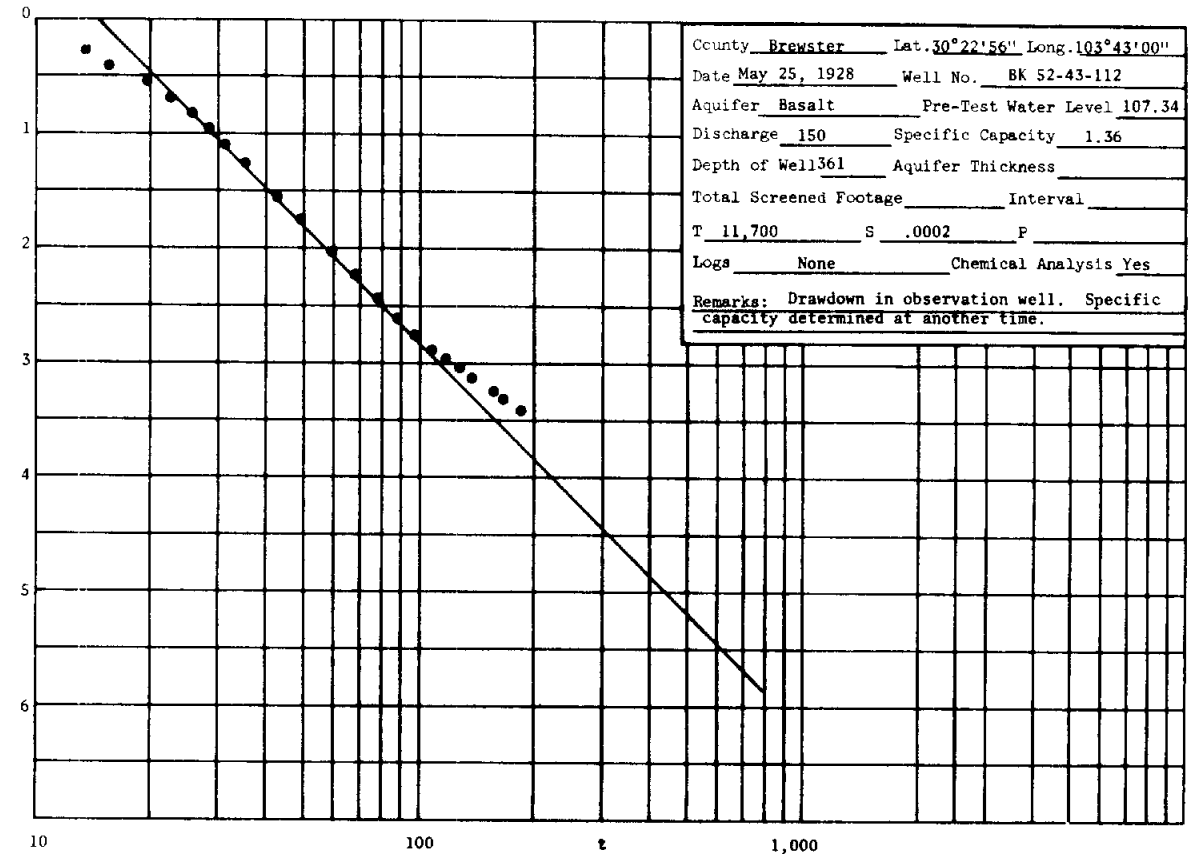
County Brazos Lat. 30°38'19"Long. 96°28'17"
Date Sept. 9, 1947 Well No. BJ 59-21-715
Aquifer Sparta Pre-Test Water Level 70.04
Discharge 432 Specific Capacity
Depth of Well 588 Aquifer Thickness
Total Screened Footage 90 Interval 498-588
T 8,850 S .0002 P 98
Logs Electric Chemical Analysis Yes
Remarks: Recovery in observation well.

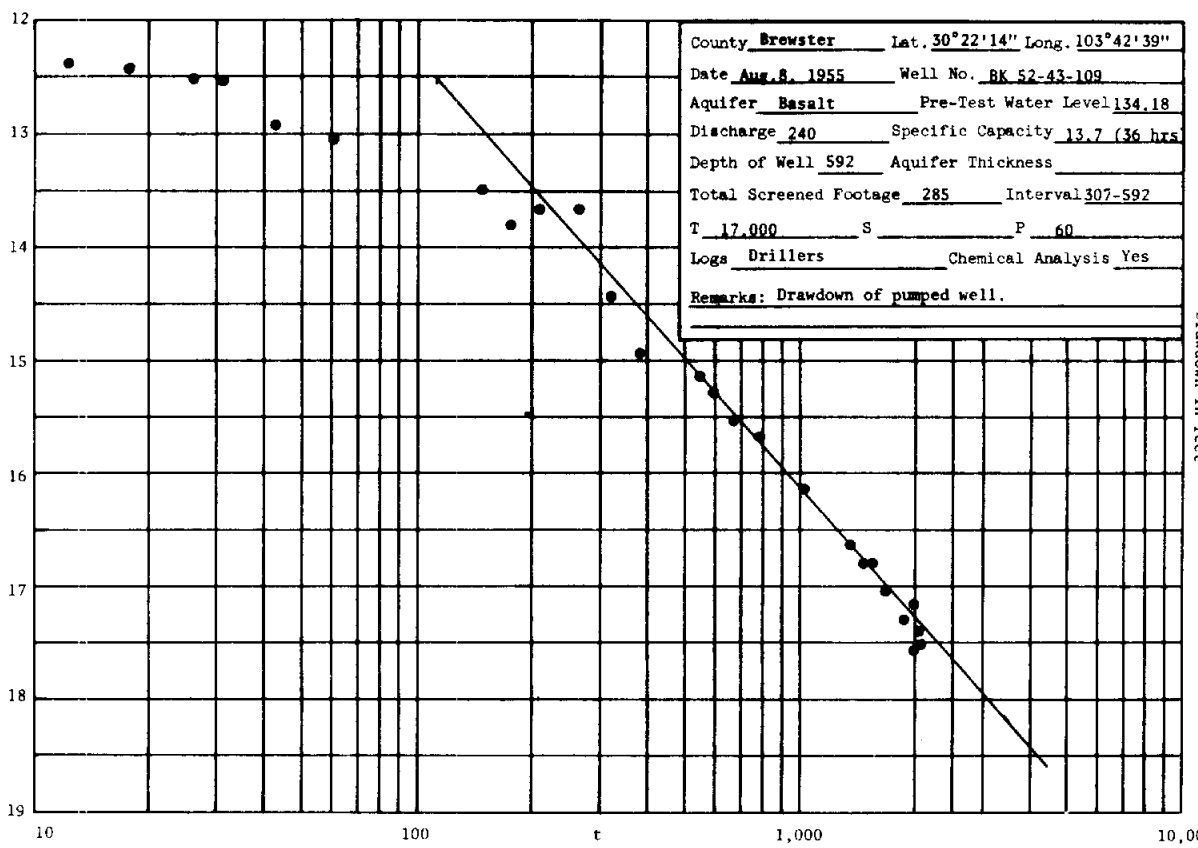


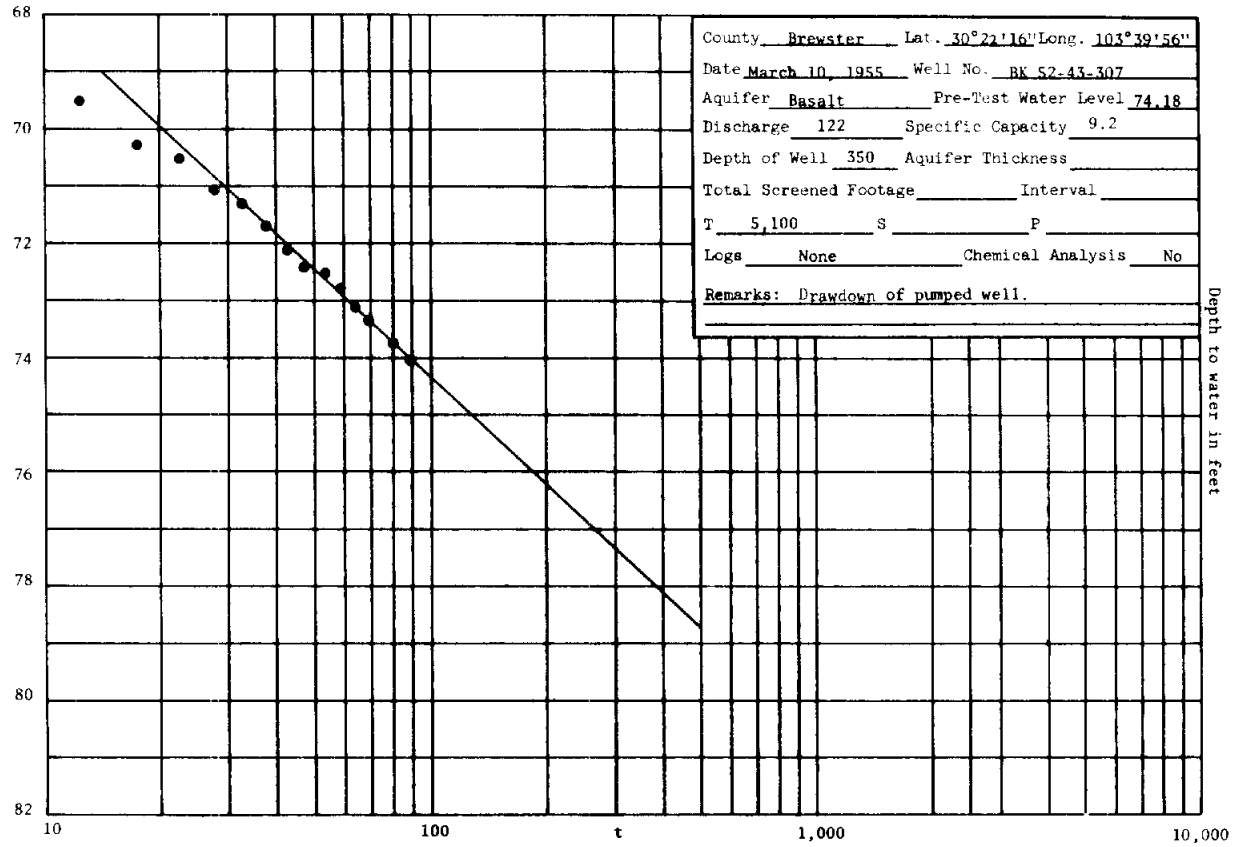
County Brazos Lat. 30°38'48" Long. 96°28'22"
Date Sept. 9, 1947 Well No. BJ 59-21-718
Aquifer Sparta Pre-Test Water Level
Discharge 432 Specific Capacity
Depth of Well 492 Aquifer Thickness
Total Screened Footage 61 Interval 411-482
T 13,800 S .0002 P 226
Logs Electric Chemical Analysis Yes
Remarks: Recovery in observation well.

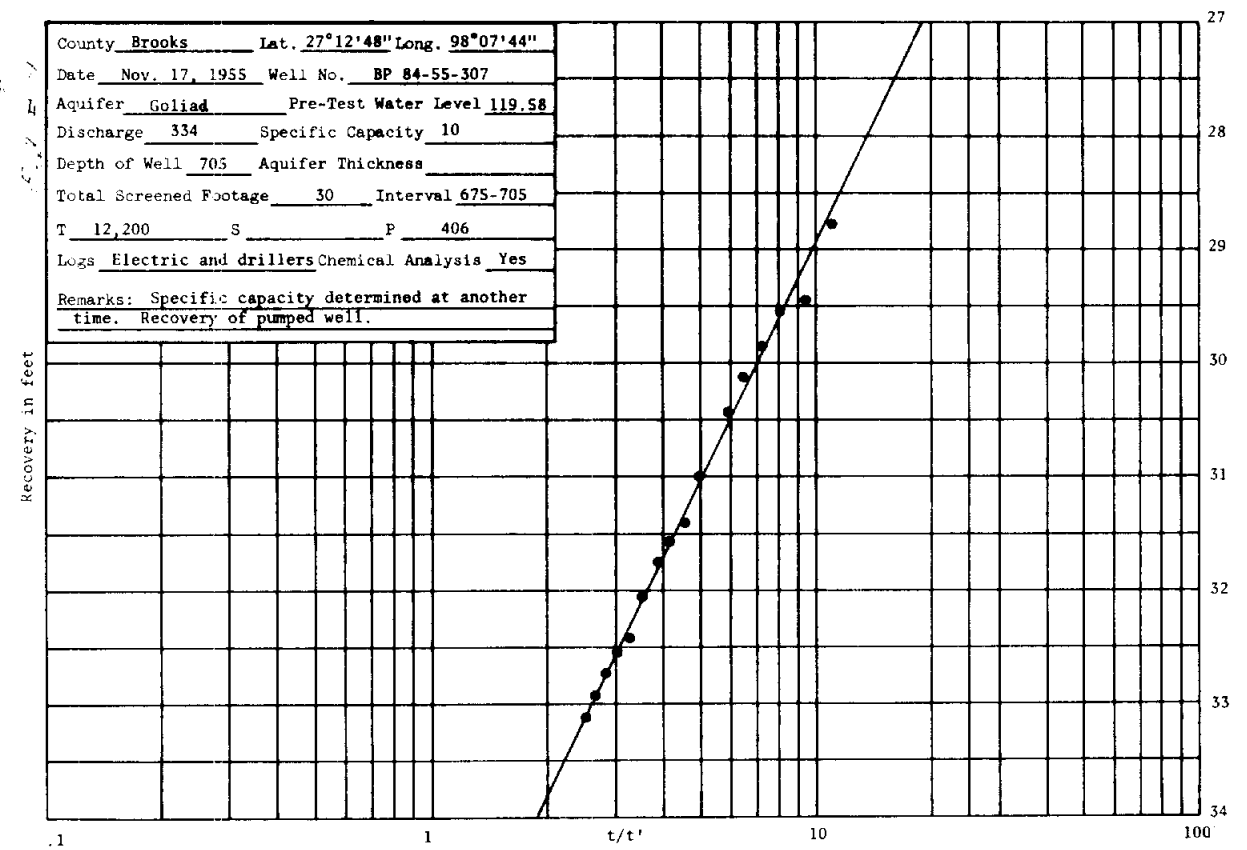


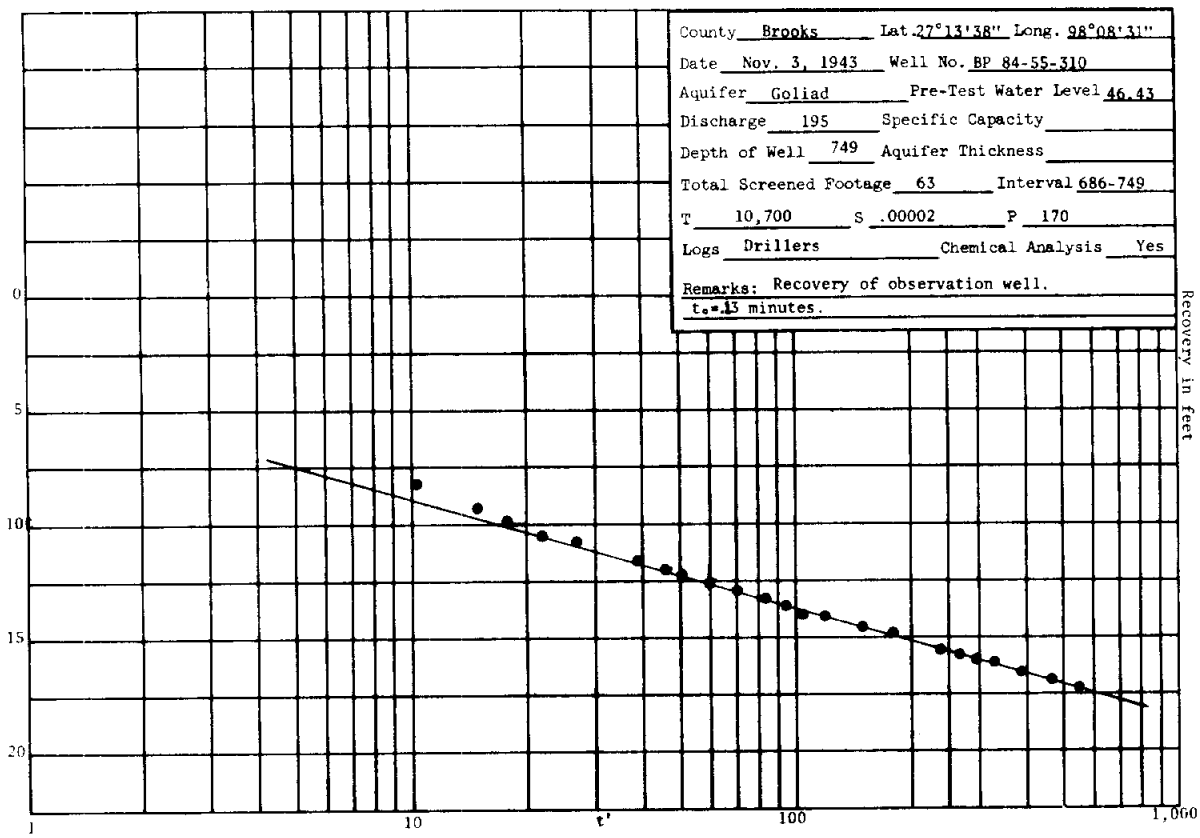
County Brewster Lat. 30°23'06" Long. 103°44'24"
Date May 29, 1958 Well No.
Aquifer Basalt Pre-Test Water Level
Discharge 150 Specific Capacity 1.4
Depth of Well 400 Aquifer Thickness
Total Screened Footage 314 Interval 86-400
T 6,100 S P 19
Logs None Chemical Analysis Yes
Remarks: Drawdown at pumped well.

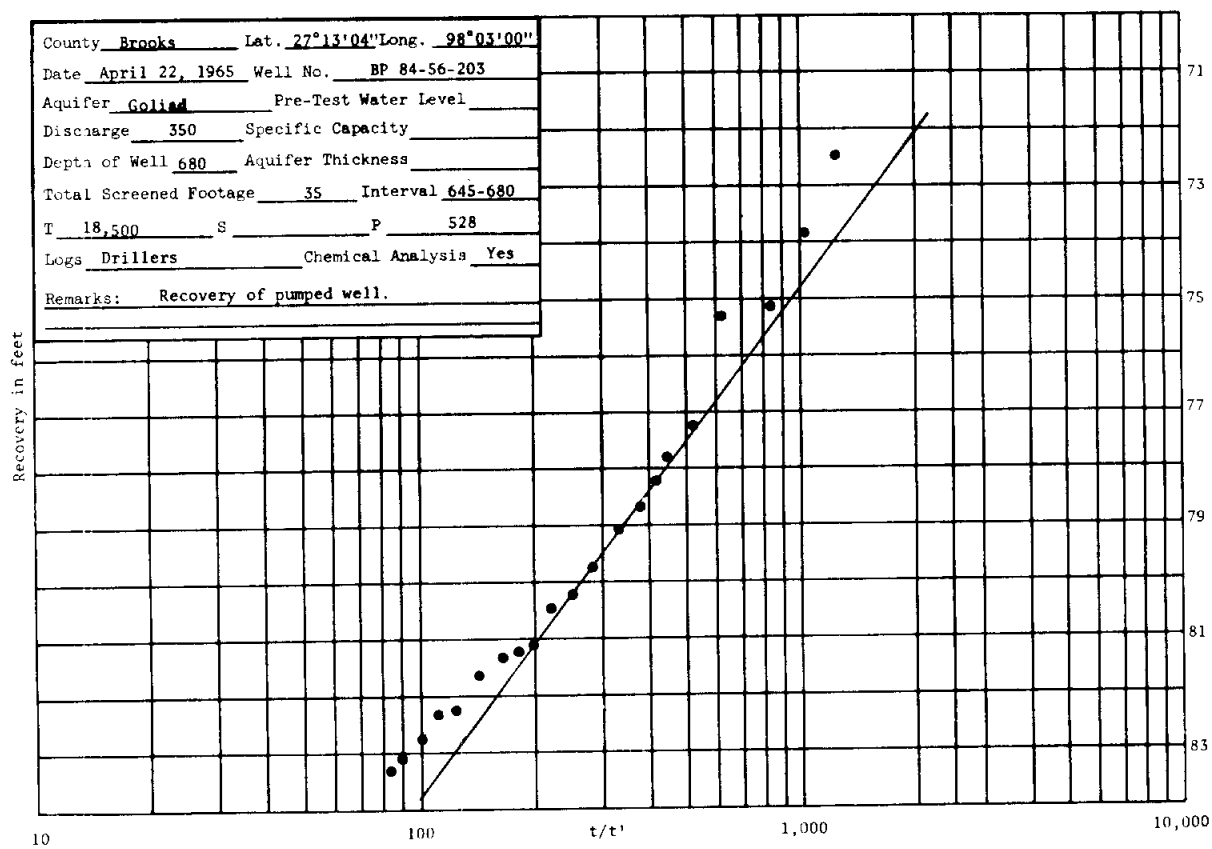

County Brewster Lat. 30°22'56" Long. 103°43'00"
Date May 25, 1928 Well No. BK 52-43-112
Aquifer Basalt Pre-Test Water Level 107.34
Discharge 150 Specific Capacity 1.36
Depth of Well 361 Aquifer Thickness
Total Screened Footage Interval
T 11,700 S .0002 P
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well. Specific capacity determined at another time.
0
1
2
3
4
5
6
10
100
t
1,000
Drawdown in feet

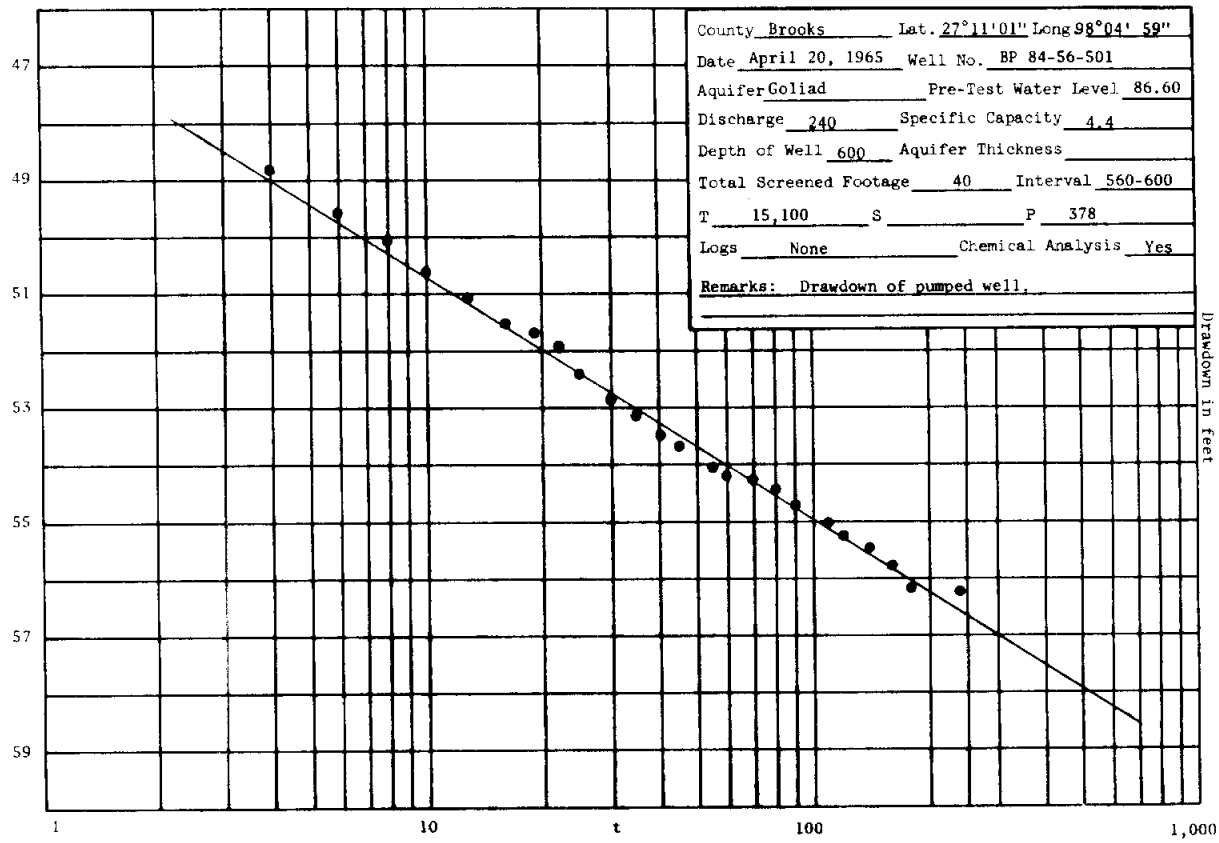

County Brewster Lat. 30°22'14" Long. 103°42'39"
Date Aug. 8, 1955 Well No. BK 52-43-109
Aquifer Basalt Pre-Test Water Level 134.18
Discharge 240 Specific Capacity 13.7 (36 hrs)
Depth of Well 592 Aquifer Thickness
Total Screened Footage 285 Interval 307-592
T 17,000 S P 60
Logs Drillers Chemical Analysis Yes
Remarks: Drawdown of pumped well.
12
13
14
15
16
17
18
19
10
100
t
1,000
10,000
Drawdown in feet

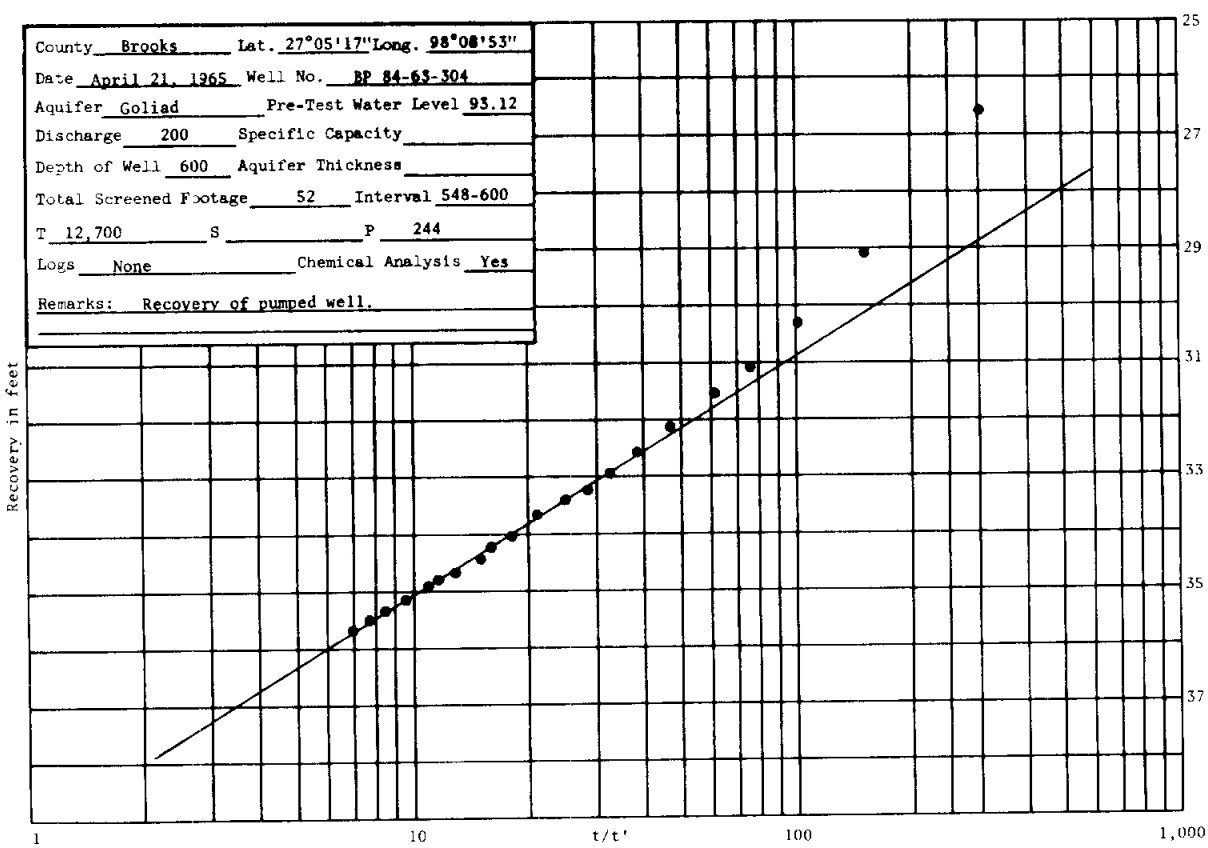

County Brewster Lat. 30°22'16" Long. 103°39'56"
Date March 10, 1955 Well No. BK 52-43-307
Aquifer Basalt Pre-Test Water Level 74.18
Discharge 122 Specific Capacity 9.2
Depth of Well 350 Aquifer Thickness
Total Screened Footage Interval
T 5,100 S P
Logs None Chemical Analysis No
Remarks: Drawdown of pumped well.
68
70
72
74
76
78
80
82
10
100
t
1,000
10,000
Depth to water in feet

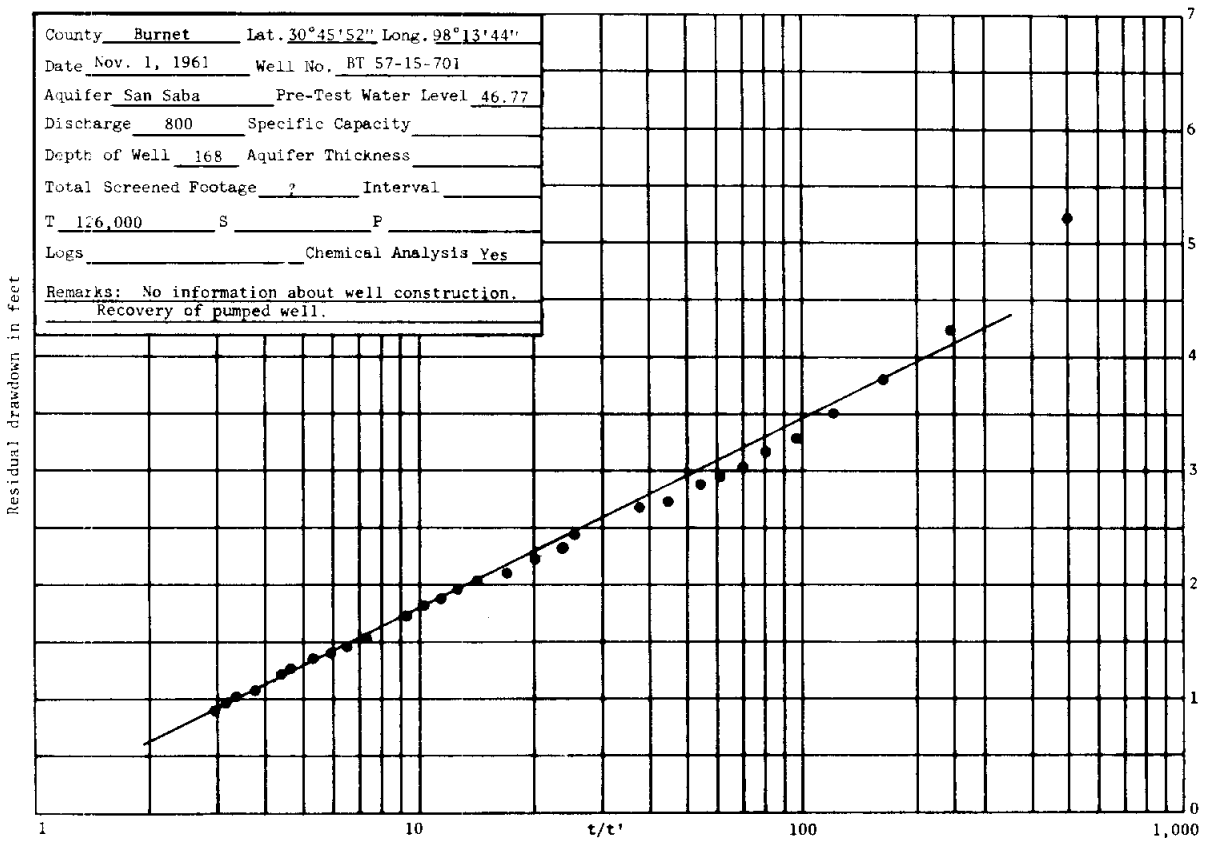

County Brooks Lat. 27°12'48" Long. 98°07'44"
Date Nov. 17, 1955 Well No. BP 84-55-307
Aquifer Goliad Pre-Test Water Level 119.58
Discharge 334 Specific Capacity 10
Depth of Well 705 Aquifer Thickness
Total Screened Footage 30 Interval 675-705
T 12,200 S P 406
Logs Electric and drillers Chemical Analysis Yes
Remarks: Specific capacity determined at another time. Recovery of pumped well.
27
28
29
30
31
32
33
34
.1
1
t/t'
10
100
Recovery in feet

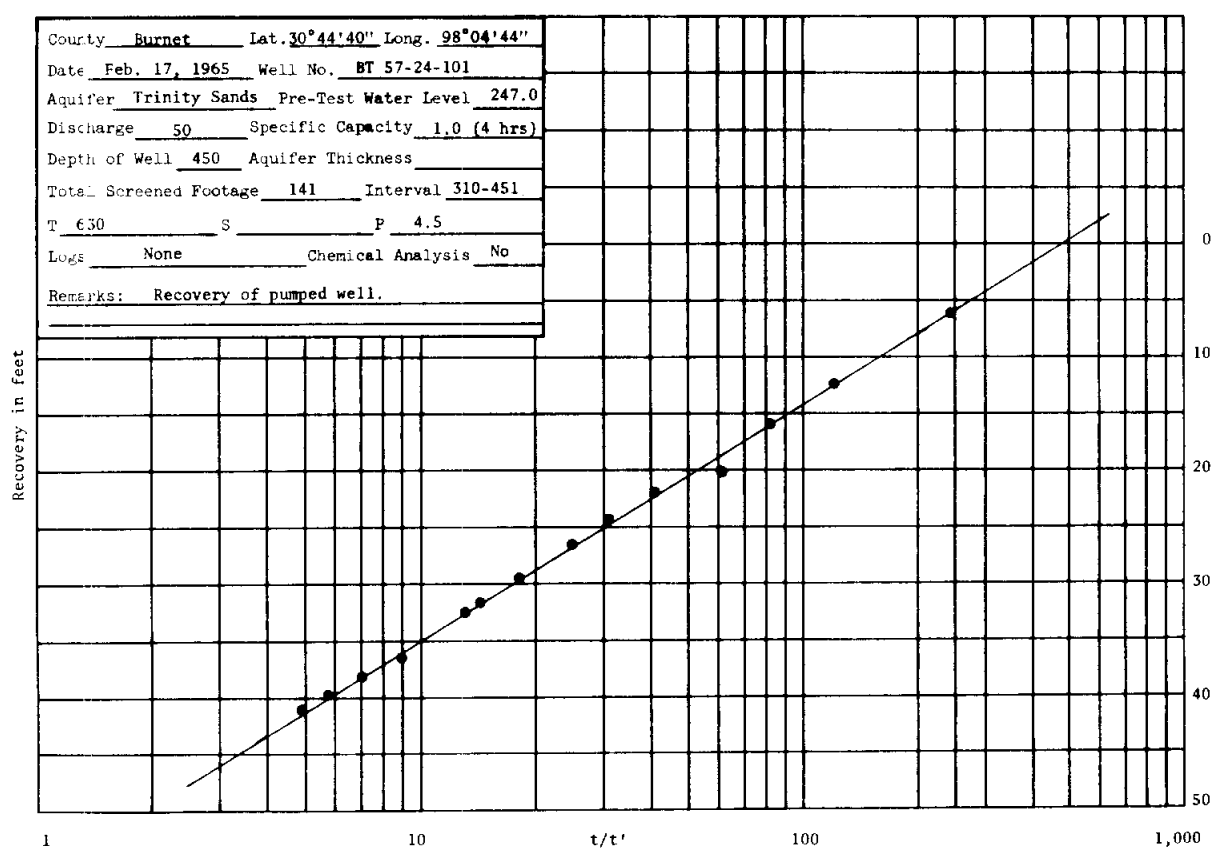

County Brooks Lat. 27°13'38" Long. 98°08'31"
Date Nov. 3, 1943 Well No. BP 84-55-310
Aquifer Goliad Pre-Test Water Level 46.43
Discharge 195 Specific Capacity
Depth of Well 749 Aquifer Thickness
Total Screened Footage 63 Interval 686-749
T 10,700 S .00002 P 170
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of observation well.
t_o=13 minutes.
0
5
10
15
20
Recovery in feet
1
10
t'
100
1,000

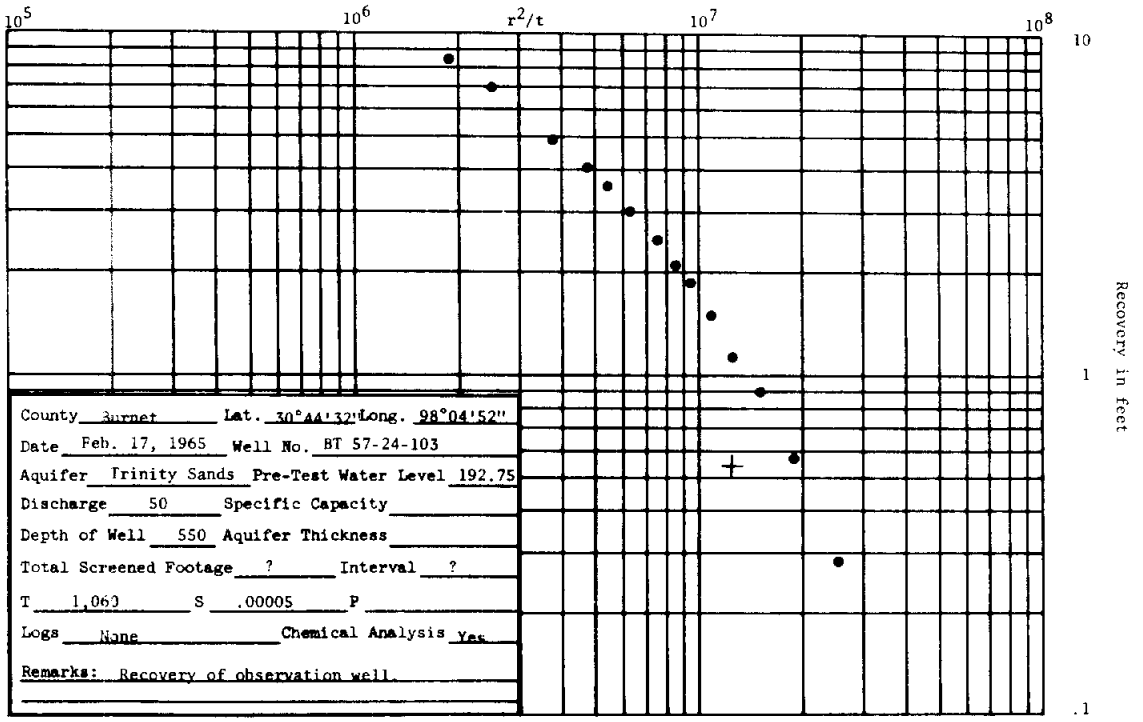

County Brooks Lat. 27°13'04"Long. 98°03'00"
Date April 22, 1965 Well No. BP 84-56-203
Aquifer Goliad Pre-Test Water Level
Discharge 350 Specific Capacity
Depth of Well 680 Aquifer Thickness
Total Screened Footage 35 Interval 645-680
T 18,500 S P 528
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
71
73
75
77
79
81
83
10
100
t/t'
1,000
10,000


County Brooks Lat. 27°11'01" Long 98°04' 59"
Date April 20, 1965 Well No. BP 84-56-501
Aquifer Goliad Pre-Test Water Level 86.60
Discharge 240 Specific Capacity 4.4
Depth of Well 600 Aquifer Thickness
Total Screened Footage 40 Interval 560-600
T 15,100 S P 378
Logs None Chemical Analysis Yes
Remarks: Drawdown of pumped well.
47
49
51
53
55
57
59
Drawdown in feet
1
10
t
100
1,000

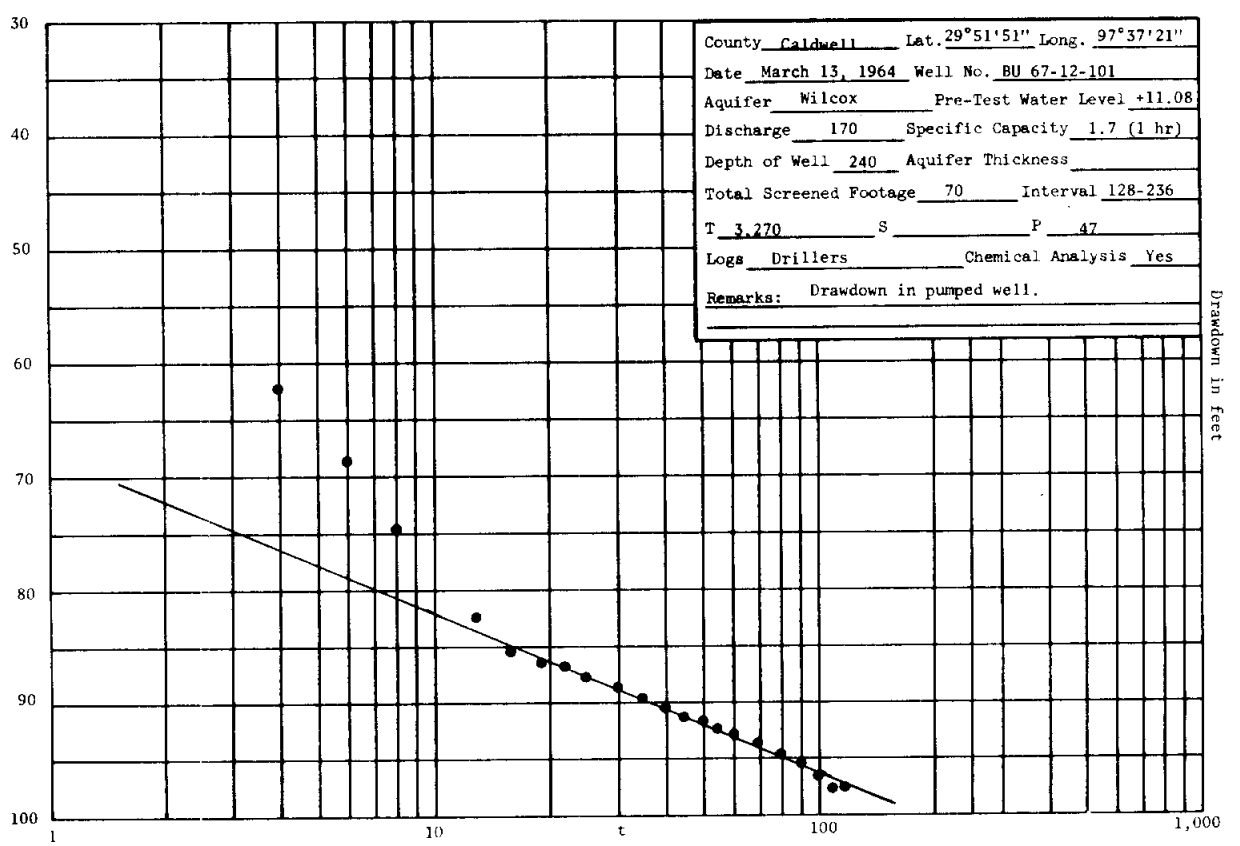

County Brooks Lat. 27°05'17" Long. 98°08'53"
Date April 21, 1965 Well No. BP 84-63-304
Aquifer Goliad Pre-Test Water Level 93.12
Discharge 200 Specific Capacity
Depth of Well 600 Aquifer Thickness
Total Screened Footage 52 Interval 548-600
T 12,700 S P 244
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
25
27
29
31
33
35
37
1
10
t/t'
100
1,000


County Burnet Lat. 30°45'52" Long. 98°13'44"
Date Nov. 1, 1961 Well No. BT 57-15-701
Aquifer San Saba Pre-Test Water Level 46.77
Discharge 800 Specific Capacity
Depth of Well 168 Aquifer Thickness
Total Screened Footage ? Interval
T 126,000 S P
Logs Chemical Analysis Yes
Remarks: No information about well construction.
Recovery of pumped well.
Residual drawdown in feet
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000

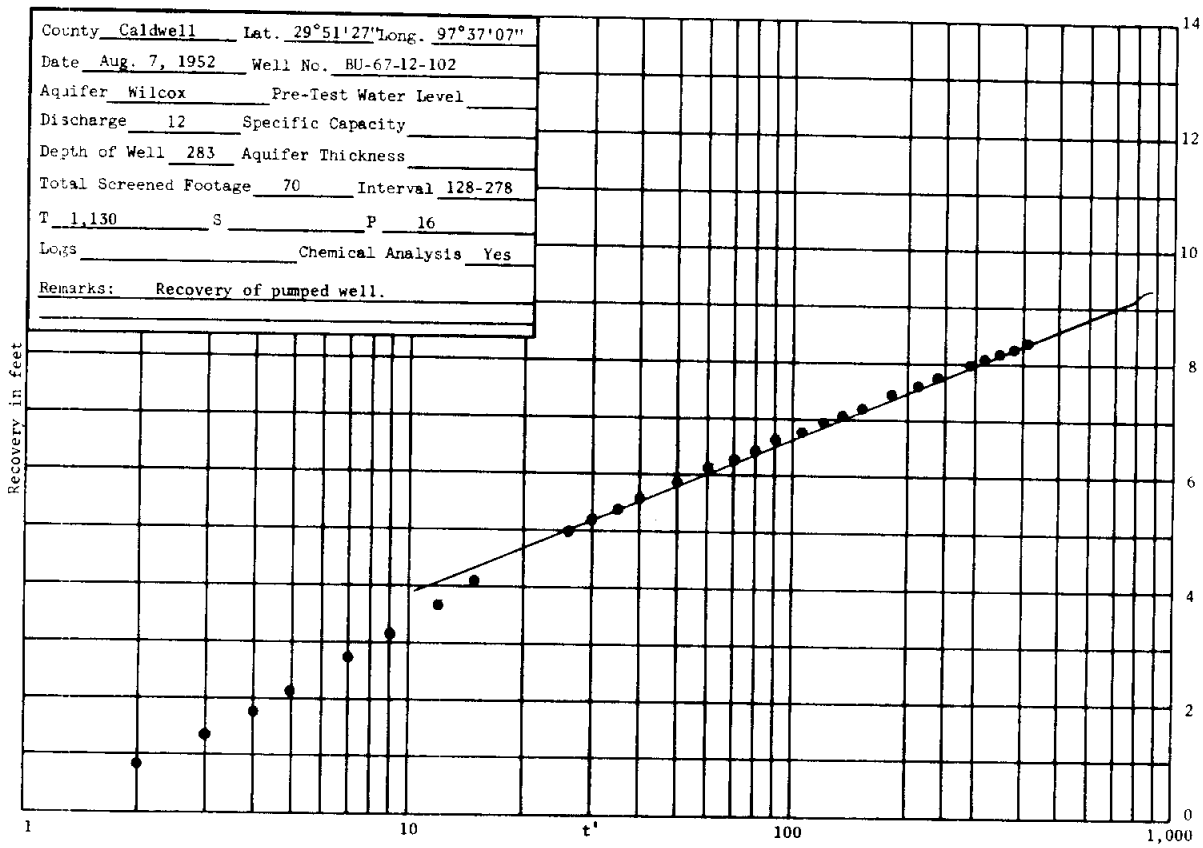

County Burnet Lat. 30°44'40" Long. 98°04'44"
Date Feb. 17, 1965 Well No. BT 57-24-101
Aquifer Trinity Sands Pre-Test Water Level 247.0
Discharge 50 Specific Capacity 1.0 (4 hrs)
Depth of Well 450 Aquifer Thickness
Total Screened Footage 141 Interval 310-451
T 630 S P 4.5
Logs None Chemical Analysis No
Remarks: Recovery of pumped well.
Recovery in feet
0
10
20
30
40
50
1
10
t/t'
100
1,000

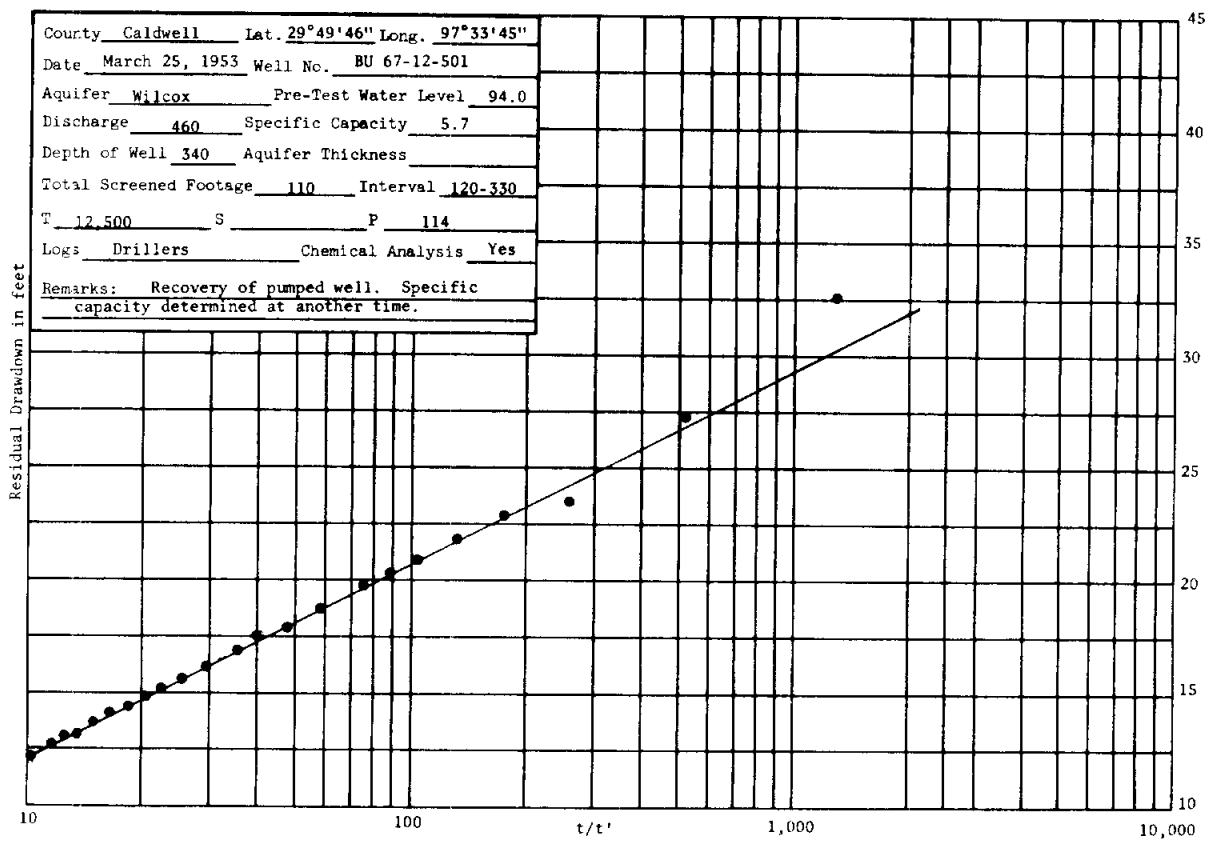


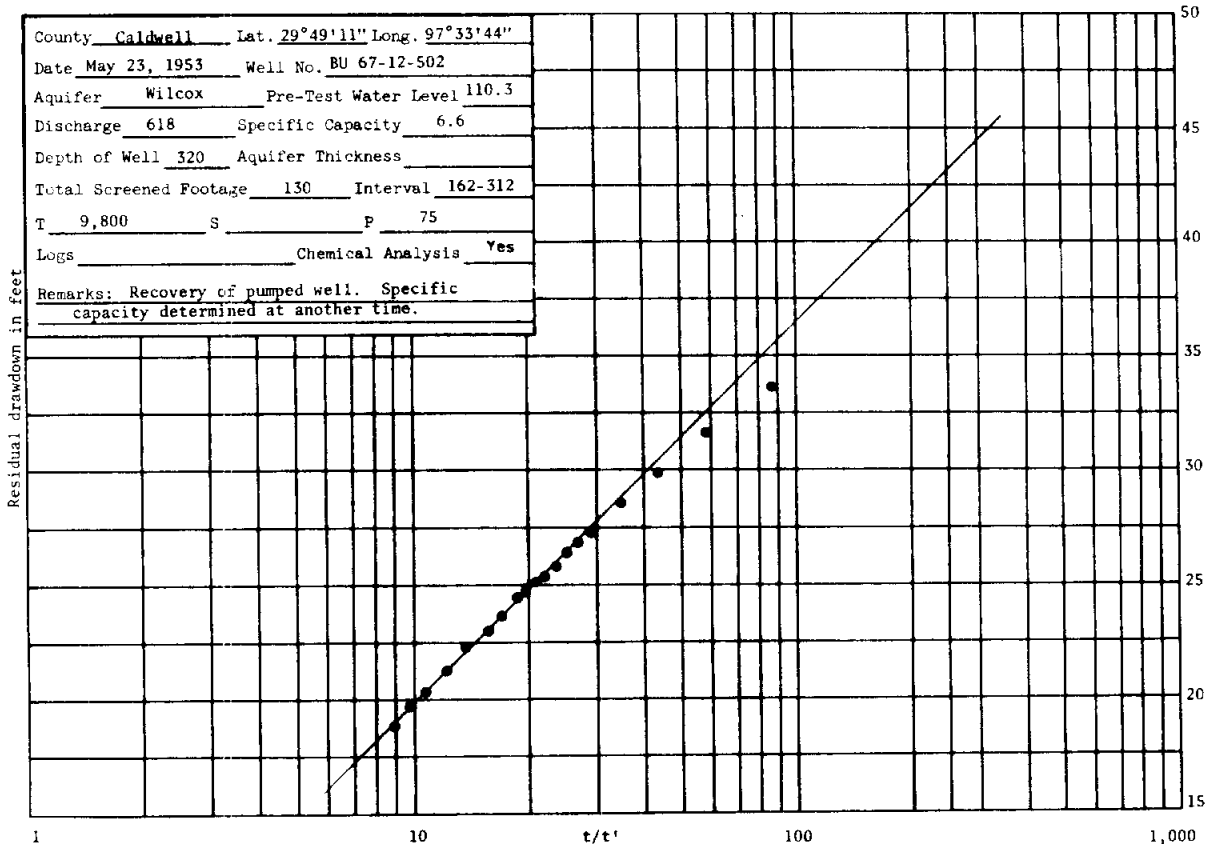
County Burnet Lat. 30°44'32" Long. 98°04'52"
Date Feb. 17, 1965 Well No. BT 57-24-103
Aquifer Trinity Sands Pre-Test Water Level 192.75
Discharge 50 Specific Capacity
Depth of Well 550 Aquifer Thickness
Total Screened Footage ? Interval ?
T 1,060 S .00005 P
Logs None Chemical Analysis Yes
Remarks: Recovery of observation well.

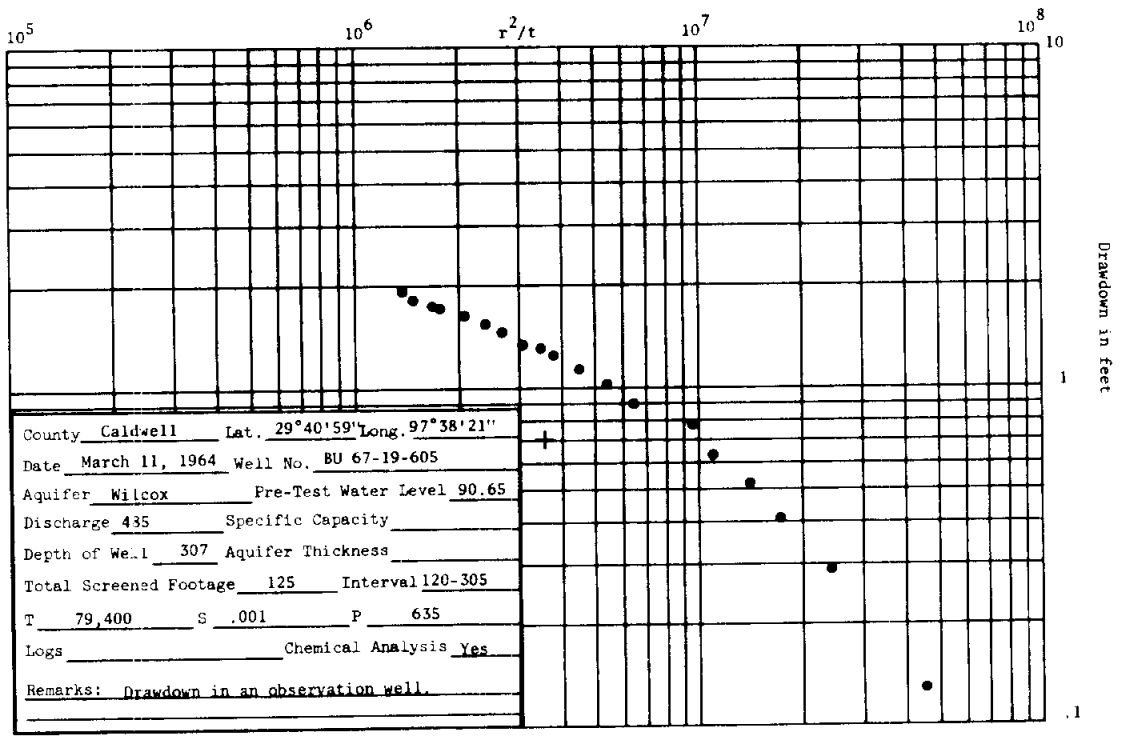


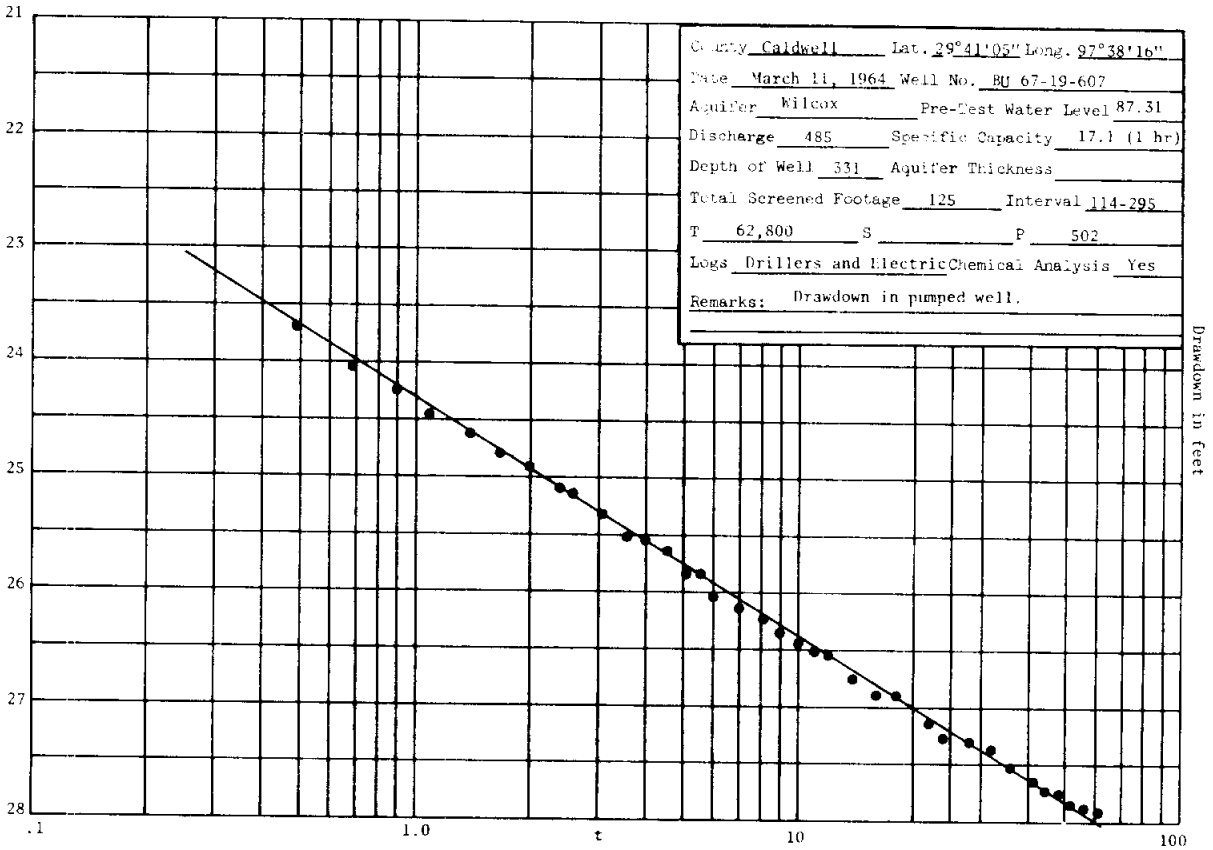
County Caldwell Lat. 29°51'51" Long. 97°37'21"
Date March 13, 1964 Well No. BU 67-12-101
Aquifer Wilcox Pre-Test Water Level +11.08
Discharge 170 Specific Capacity 1.7 (1 hr)
Depth of Well 240 Aquifer Thickness
Total Screened Footage 70 Interval 128-236
T 3,270 S P 47
Logs Drillers Chemical Analysis Yes
Remarks: Drawdown in pumped well.

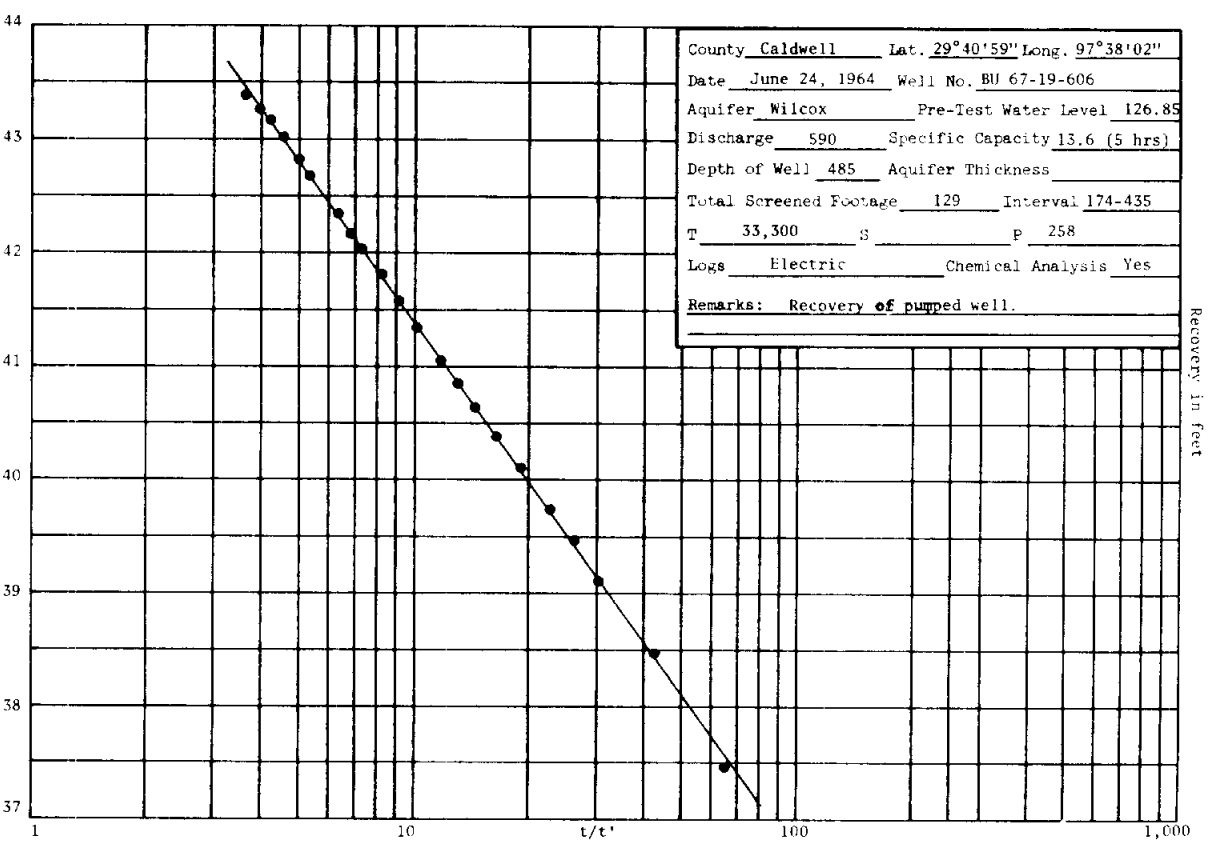

County Caldwell Lat. 29°51'27" Long. 97°37'07"
Date Aug. 7, 1952 Well No. BU-67-12-102
Aquifer Wilcox Pre-Test Water Level
Discharge 12 Specific Capacity
Depth of Well 283 Aquifer Thickness
Total Screened Footage 70 Interval 128-278
T 1,130 S P 16
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
0
2
4
6
8
10
12
14
1
10
t'
100
1,000

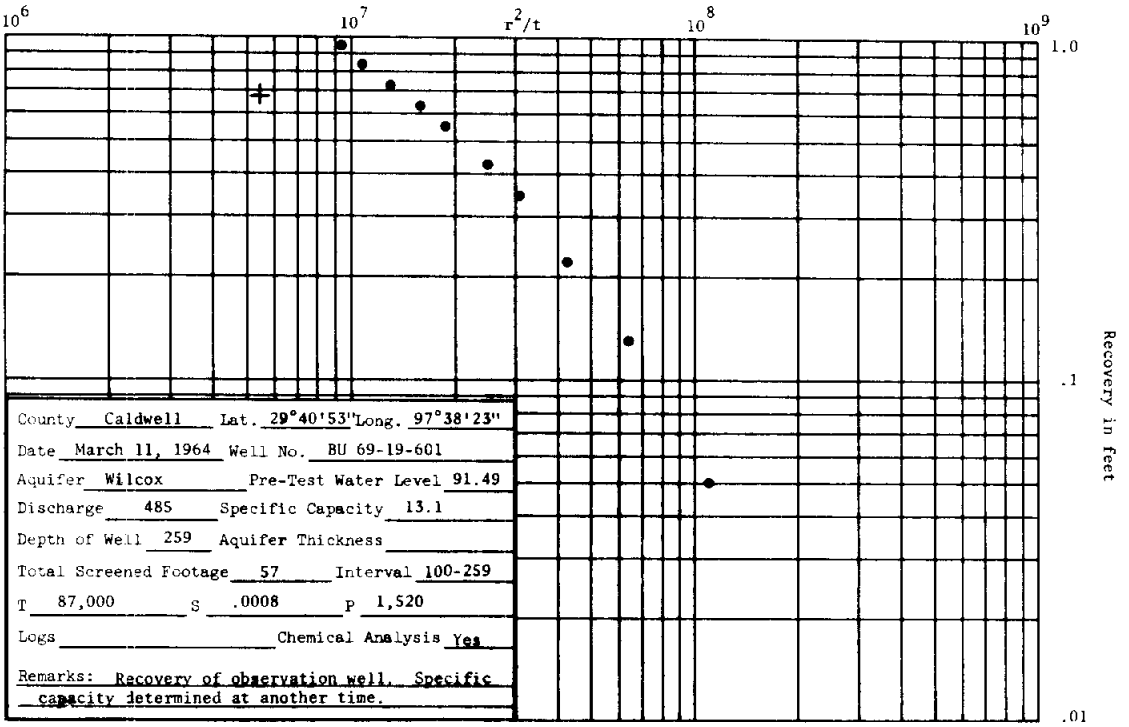

County Caldwell Lat. 29°49'46" Long. 97°33'45"
Date March 25, 1953 Well No. BU 67-12-501
Aquifer Wilcox Pre-Test Water Level 94.0
Discharge 460 Specific Capacity 5.7
Depth of Well 340 Aquifer Thickness
Total Screened Footage 110 Interval 120-330
T 12,500 S P 114
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well. Specific capacity determined at another time.
Residual Drawdown in feet
10
15
20
25
30
35
40
45
10
100
t/t'
1,000
10,000


County Caldwell Lat. 29°49'11" Long. 97°33'44"
Date May 23, 1953 Well No. BU 67-12-502
Aquifer Wilcox Pre-Test Water Level 110.3
Discharge 618 Specific Capacity 6.6
Depth of Well 320 Aquifer Thickness
Total Screened Footage 130 Interval 162-312
T 9,800 S P 75
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well. Specific capacity determined at another time.
Residual drawdown in feet
50
45
40
35
30
25
20
15
1
10
t/t'
100
1,000

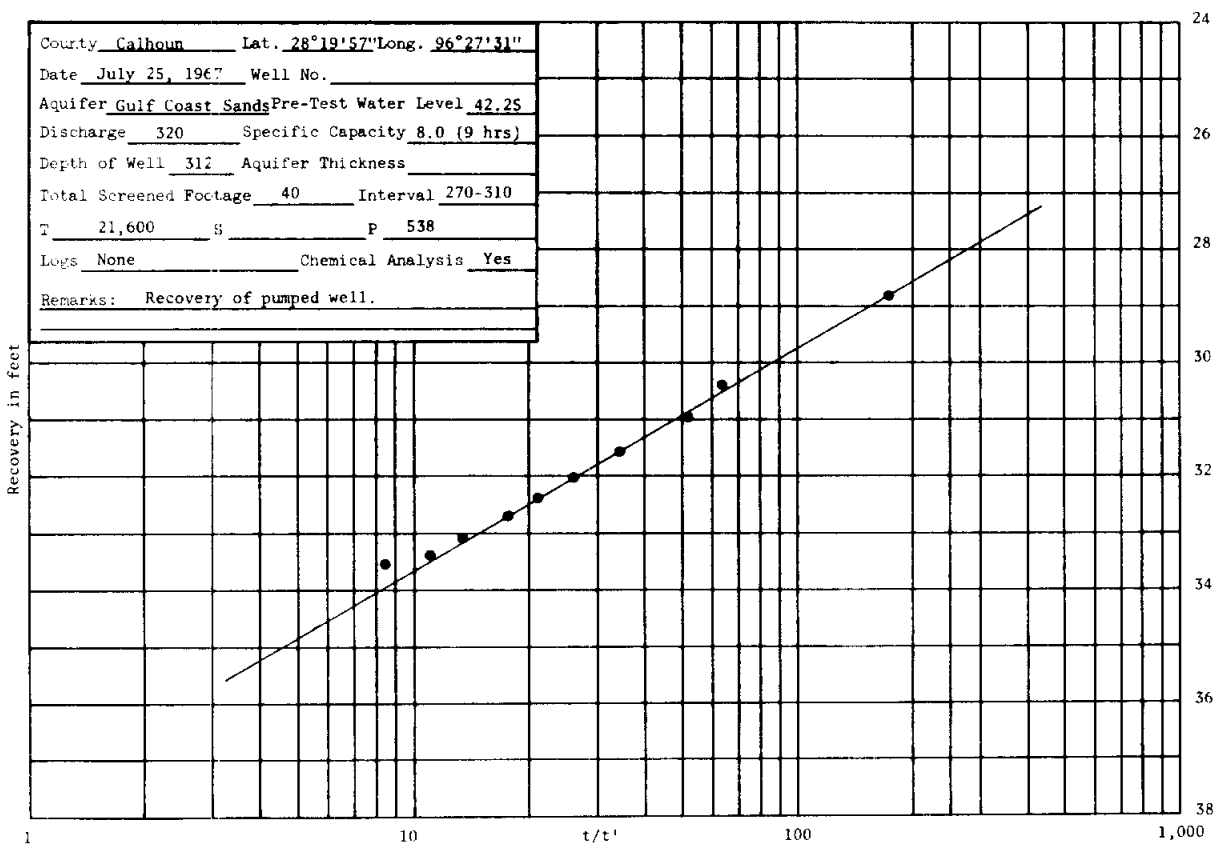

10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Drawdown in feet
County Caldwell Lat. 29°40'59" Long. 97°38'21"
Date March 11, 1964 Well No. BU 67-19-605
Aquifer Wilcox Pre-Test Water Level 90.65
Discharge 435 Specific Capacity
Depth of Well 307 Aquifer Thickness
Total Screened Footage 125 Interval 120-305
T 79,400 S .001 P 635
Logs Chemical Analysis Yes
Remarks: Drawdown in an observation well.


County Caldwell Lat. 29°41'05" Long. 97°38'16"
Date March 11, 1964 Well No. BU 67-19-607
Aquifer Wilcox Pre-Test Water Level 87.31
Discharge 485 Specific Capacity 17.1 (1 hr)
Depth of Well 331 Aquifer Thickness
Total Screened Footage 125 Interval 114-295
T 62,800 S P 502
Logs Drillers and Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
21
22
23
24
25
26
27
28
.1
1.0
t
10
100
Drawdown in feet

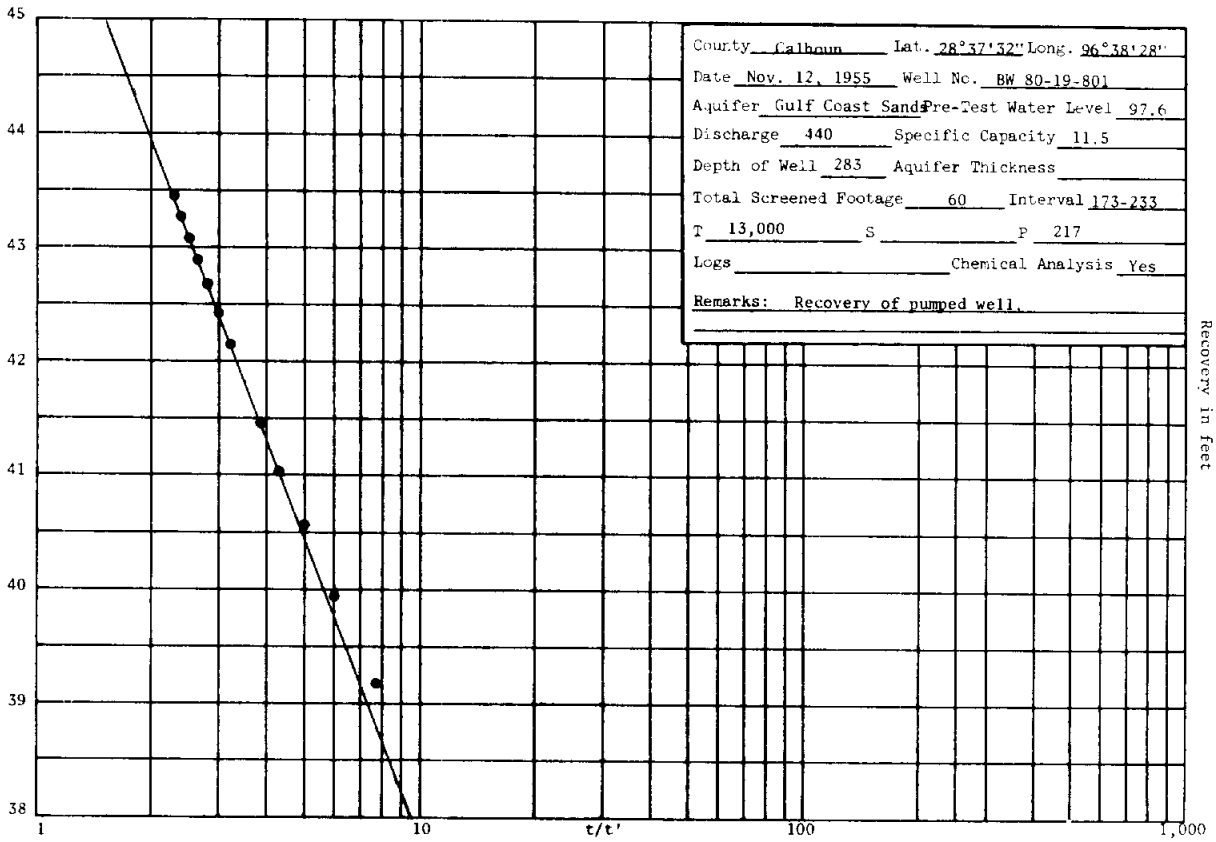

County Caldwell Lat. 29°40'59" Long. 97°38'02"
Date June 24, 1964 Well No. BU 67-19-606
Aquifer Wilcox Pre-Test Water Level 126.85
Discharge 590 Specific Capacity 13.6 (5 hrs)
Depth of Well 485 Aquifer Thickness
Total Screened Footage 129 Interval 174-435
T 33,300 S P 258
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
44
43
42
41
40
39
38
37
1
10
t/t'
100
1,000
Recovery in feet

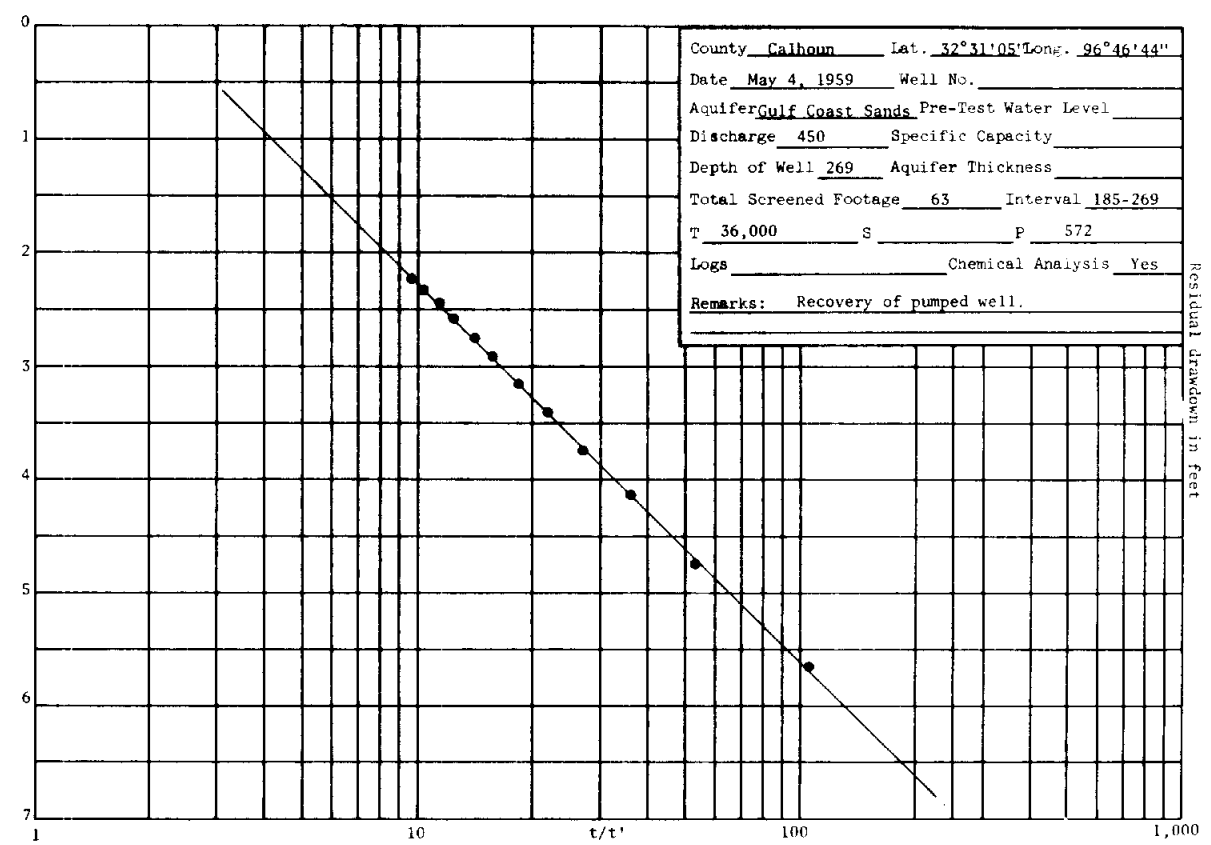


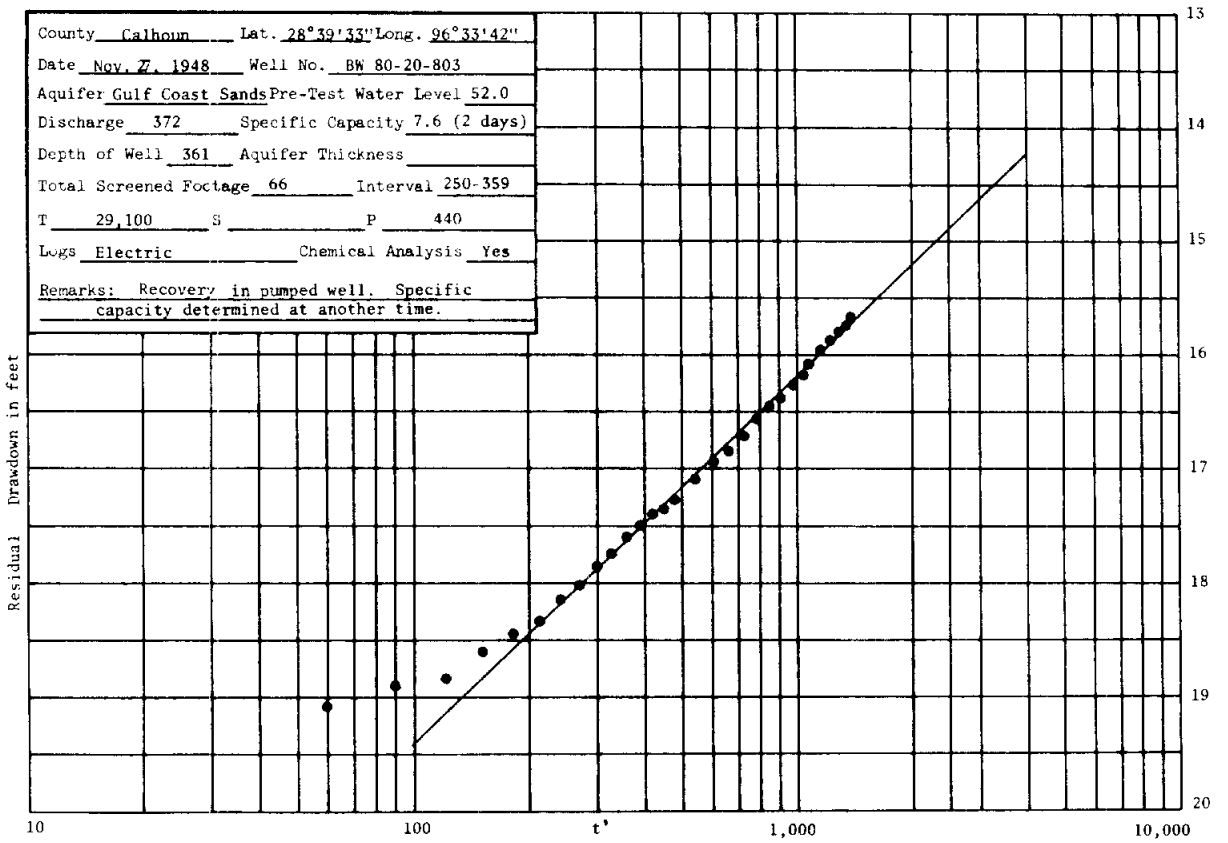
County Caldwell Lat. 29°40'53" Long. 97°38'23"
Date March 11, 1964 Well No. BU 69-19-601
Aquifer Wilcox Pre-Test Water Level 91.49
Discharge 485 Specific Capacity 13.1
Depth of Well 259 Aquifer Thickness
Total Screened Footage 57 Interval 100-259
T 87,000 S .0008 P 1,520
Logs Chemical Analysis Yes
Remarks: Recovery of observation well. Specific capacity determined at another time.

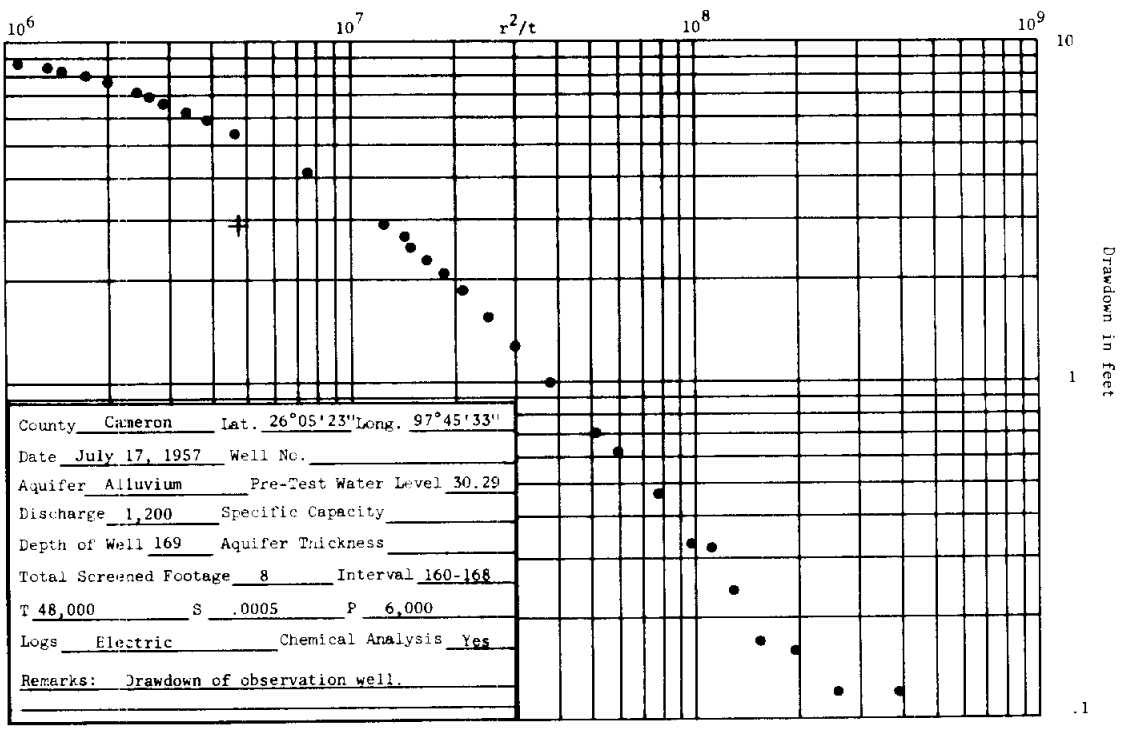


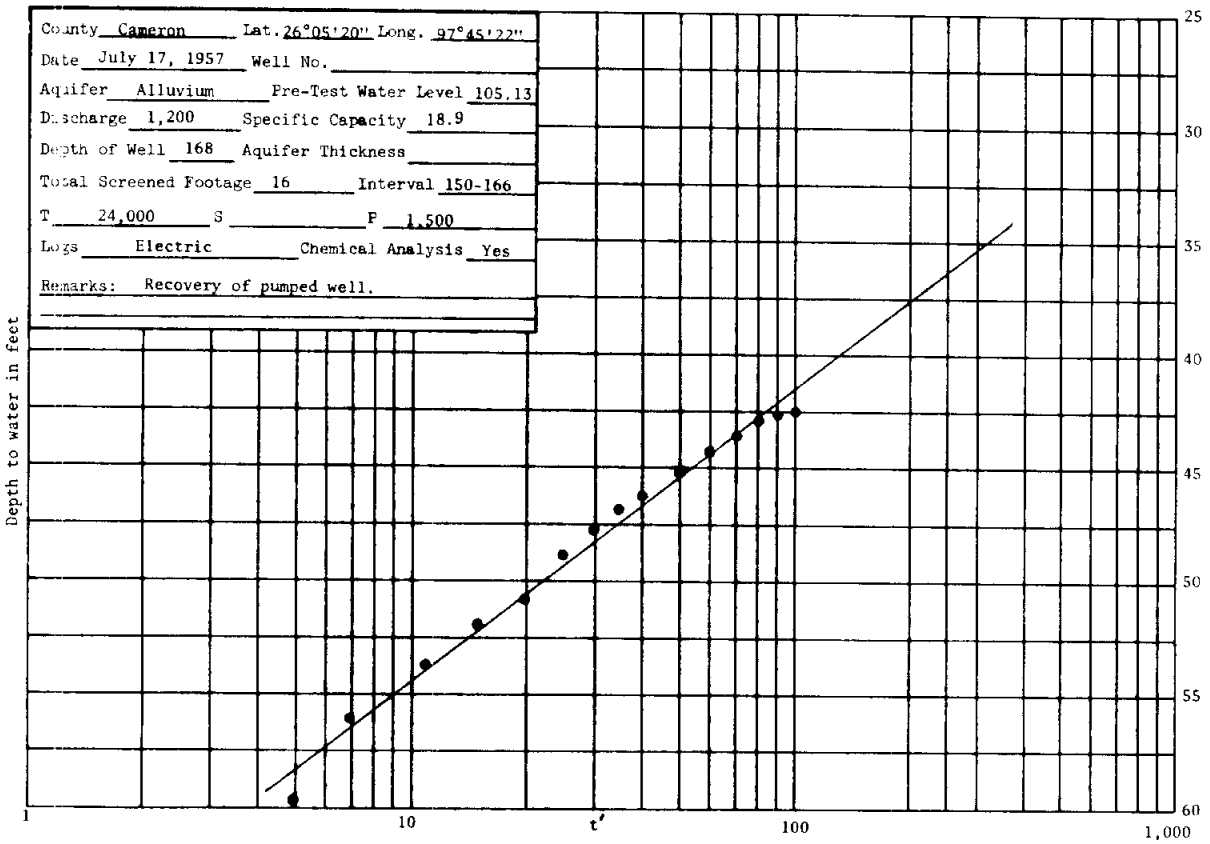
County Calhoun Lat. 28°19'57" Long. 96°27'31"
Date July 25, 1967 Well No.
Aquifer Gulf Coast Sands Pre-Test Water Level 42.25
Discharge 320 Specific Capacity 8.0 (9 hrs)
Depth of Well 312 Aquifer Thickness
Total Screened Footage 40 Interval 270-310
T 21,600 S P 538
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

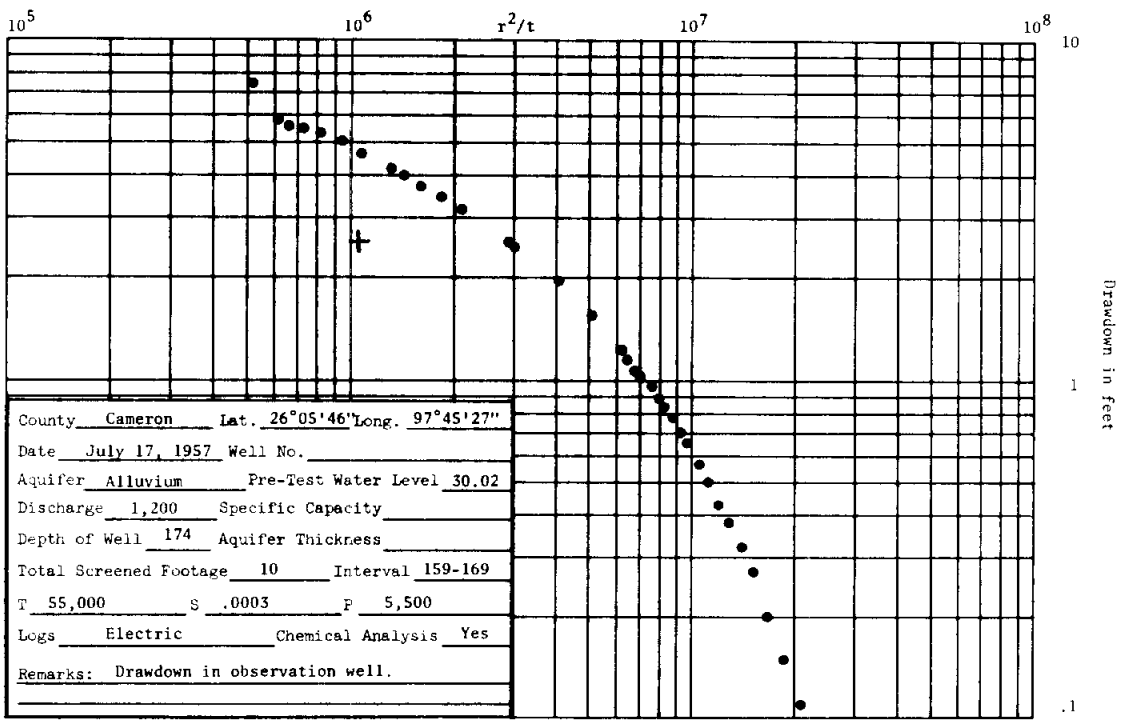

45
44
43
42
41
40
39
38
1
10
t/t'
100
1,000
Recovery in feet
County Calhoun Lat. 28°37'32" Long. 96°38'28"
Date Nov. 12, 1955 Well No. BW 80-19-801
Aquifer Gulf Coast Sands Pre-Test Water Level 97.6
Discharge 440 Specific Capacity 11.5
Depth of Well 283 Aquifer Thickness
Total Screened Footage 60 Interval 173-233
T 13,000 S P 217
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.

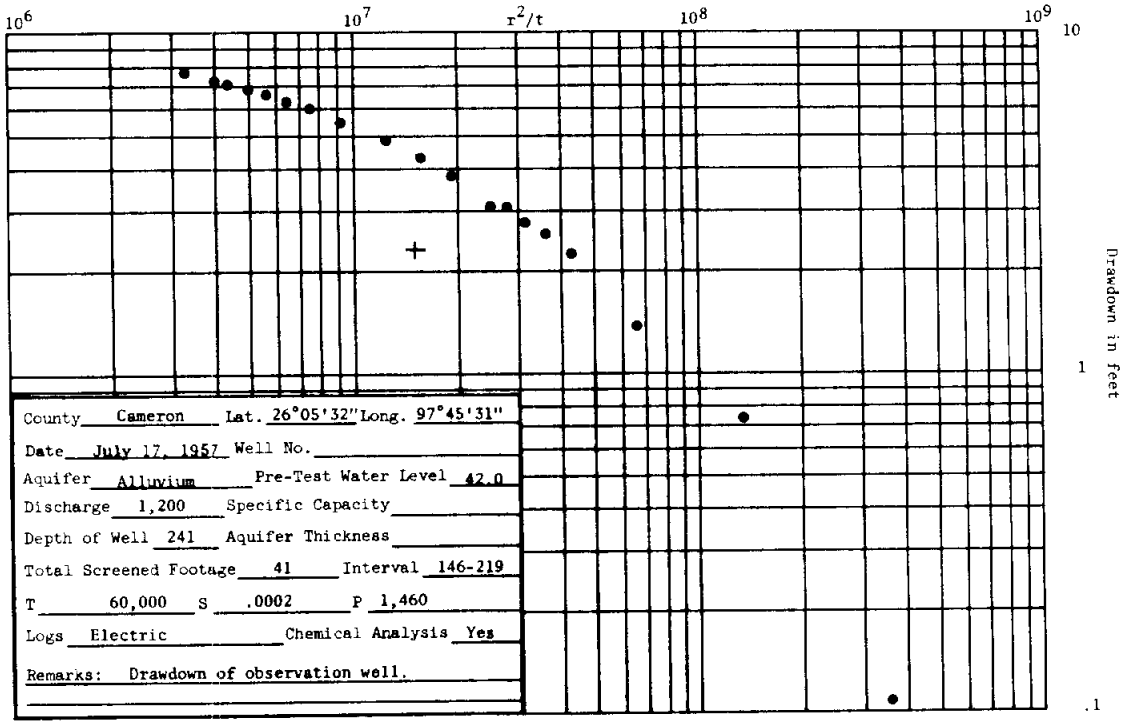

0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet
County Calhoun Lat. 32°31'05" Long. 96°46'44"
Date May 4, 1959 Well No.
Aquifer Gulf Coast Sands Pre-Test Water Level
Discharge 450 Specific Capacity
Depth of Well 269 Aquifer Thickness
Total Screened Footage 63 Interval 185-269
T 36,000 S P 572
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.


County Calhoun Lat. 28°39'33" Long. 96°33'42"
Date Nov. 7, 1948 Well No. BW 80-20-803
Aquifer Gulf Coast Sands Pre-Test Water Level 52.0
Discharge 372 Specific Capacity 7.6 (2 days)
Depth of Well 361 Aquifer Thickness
Total Screened Footage 66 Interval 250-359
T 29,100 S P 440
Logs Electric Chemical Analysis Yes
Remarks: Recovery in pumped well. Specific capacity determined at another time.
Residual Drawdown in feet
13
14
15
16
17
18
19
20
10
100
t'
1,000
10,000

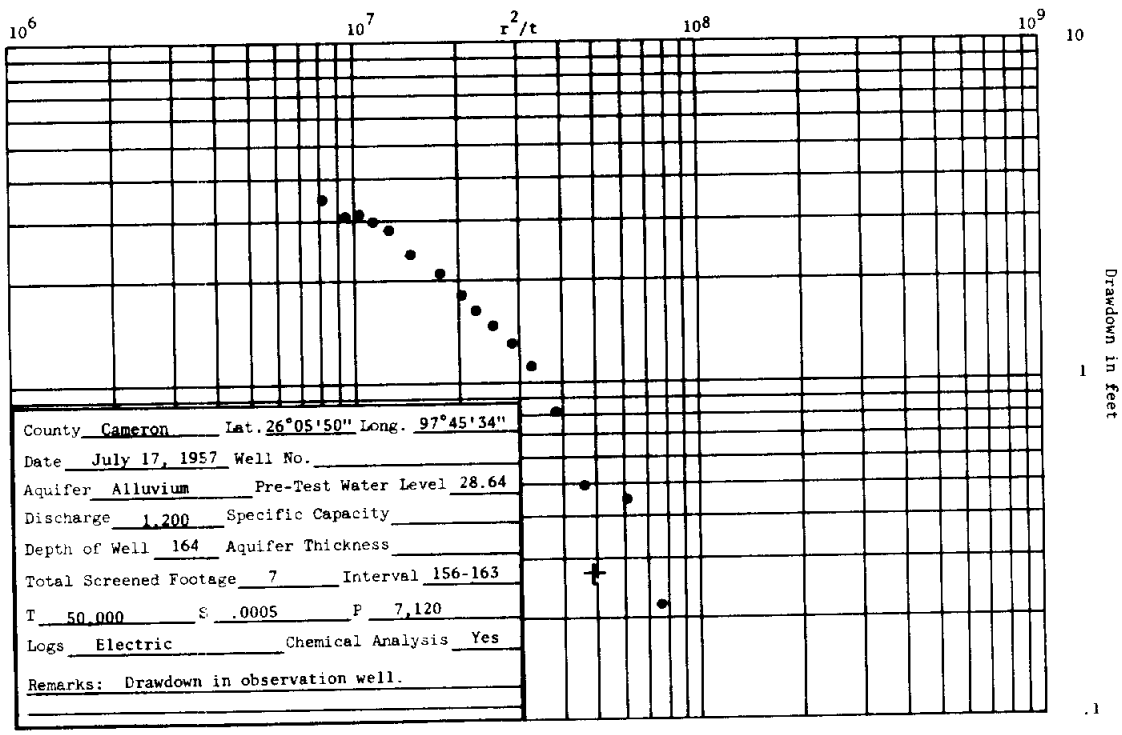

10^6
10^7
r^2/t
10^8
10^9
10
1
.1
Drawdown in feet
County Cameron Lat. 26°05'23" Long. 97°45'33"
Date July 17, 1957 Well No.
Aquifer Alluvium Pre-Test Water Level 30.29
Discharge 1,200 Specific Capacity
Depth of Well 169 Aquifer Thickness
Total Screened Footage 8 Interval 160-168
T 48,000 S .0005 P 6,000
Logs Electric Chemical Analysis Yes
Remarks: Drawdown of observation well.


County Cameron Lat. 26°05'20" Long. 97°45'22"
Date July 17, 1957 Well No.
Aquifer Alluvium Pre-Test Water Level 105.13
Discharge 1,200 Specific Capacity 18.9
Depth of Well 168 Aquifer Thickness
Total Screened Footage 16 Interval 150-166
T 24,000 S P 1,500
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
25
30
35
40
45
50
55
60
1
10
t'
100
1,000

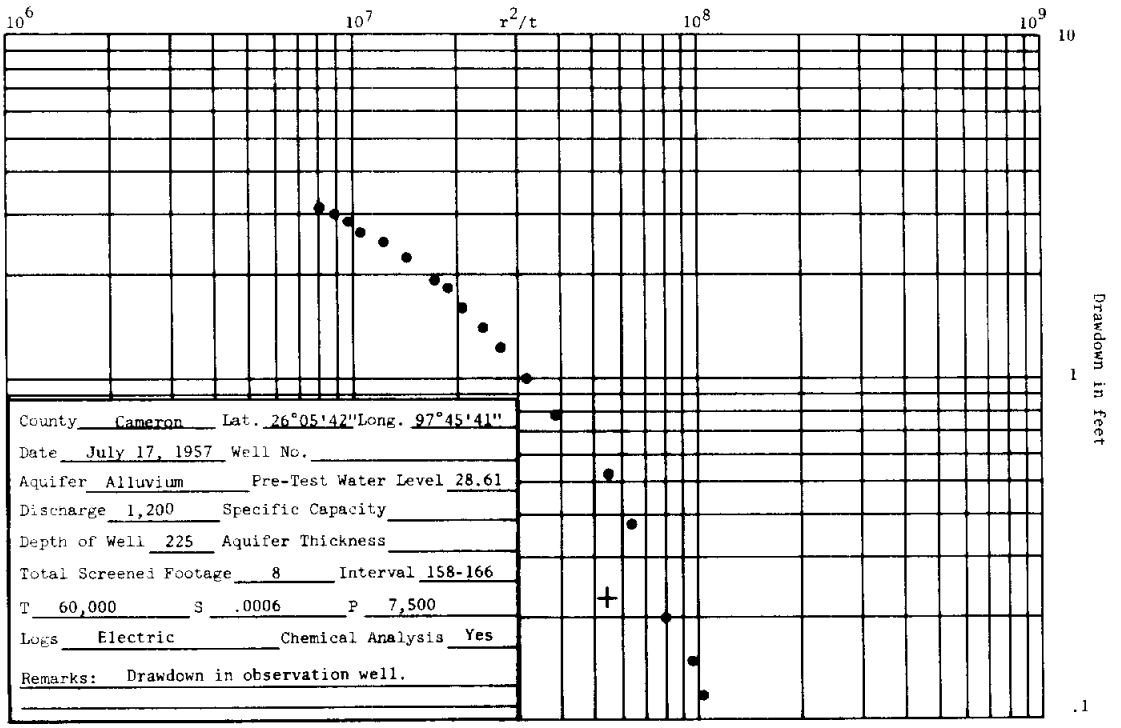

10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Drawdown in feet
County Cameron Lat. 26°05'46" Long. 97°45'27"
Date July 17, 1957 Well No.
Aquifer Alluvium Pre-Test Water Level 30.02
Discharge 1,200 Specific Capacity
Depth of Well 174 Aquifer Thickness
Total Screened Footage 10 Interval 159-169
T 55,000 S .0003 P 5,500
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.



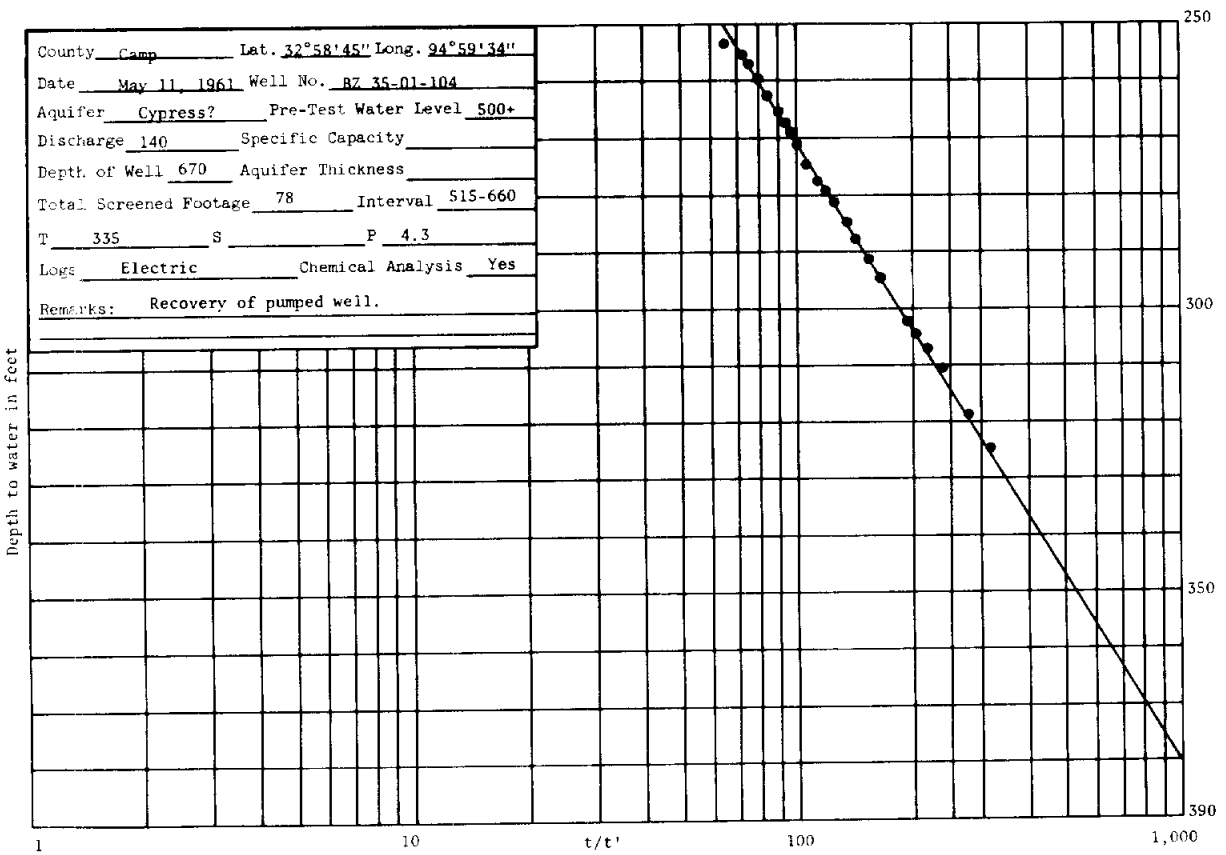
County Cameron Lat. 26°05'32" Long. 97°45'31"
Date July 17, 1957 Well No.
Aquifer Alluvium Pre-Test Water Level 42.0
Discharge 1,200 Specific Capacity
Depth of Well 241 Aquifer Thickness
Total Screened Footage 41 Interval 146-219
T 60,000 S .0002 P 1,460
Logs Electric Chemical Analysis Yes
Remarks: Drawdown of observation well.



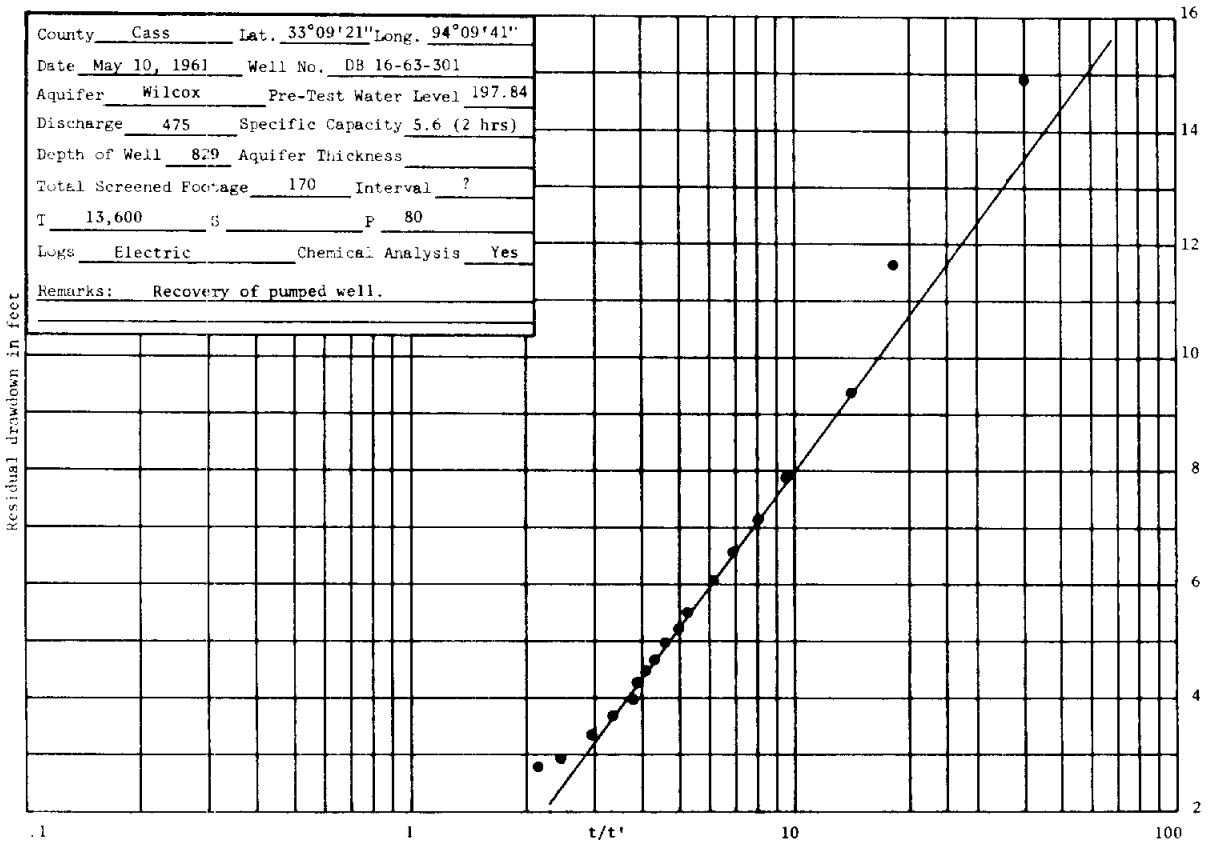
County Cameron Lat. 26°05'50" Long. 97°45'34"
Date July 17, 1957 Well No.
Aquifer Alluvium Pre-Test Water Level 28.64
Discharge 1,200 Specific Capacity
Depth of Well 164 Aquifer Thickness
Total Screened Footage 7 Interval 156-163
T 50,000 S .0005 P 7,120
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

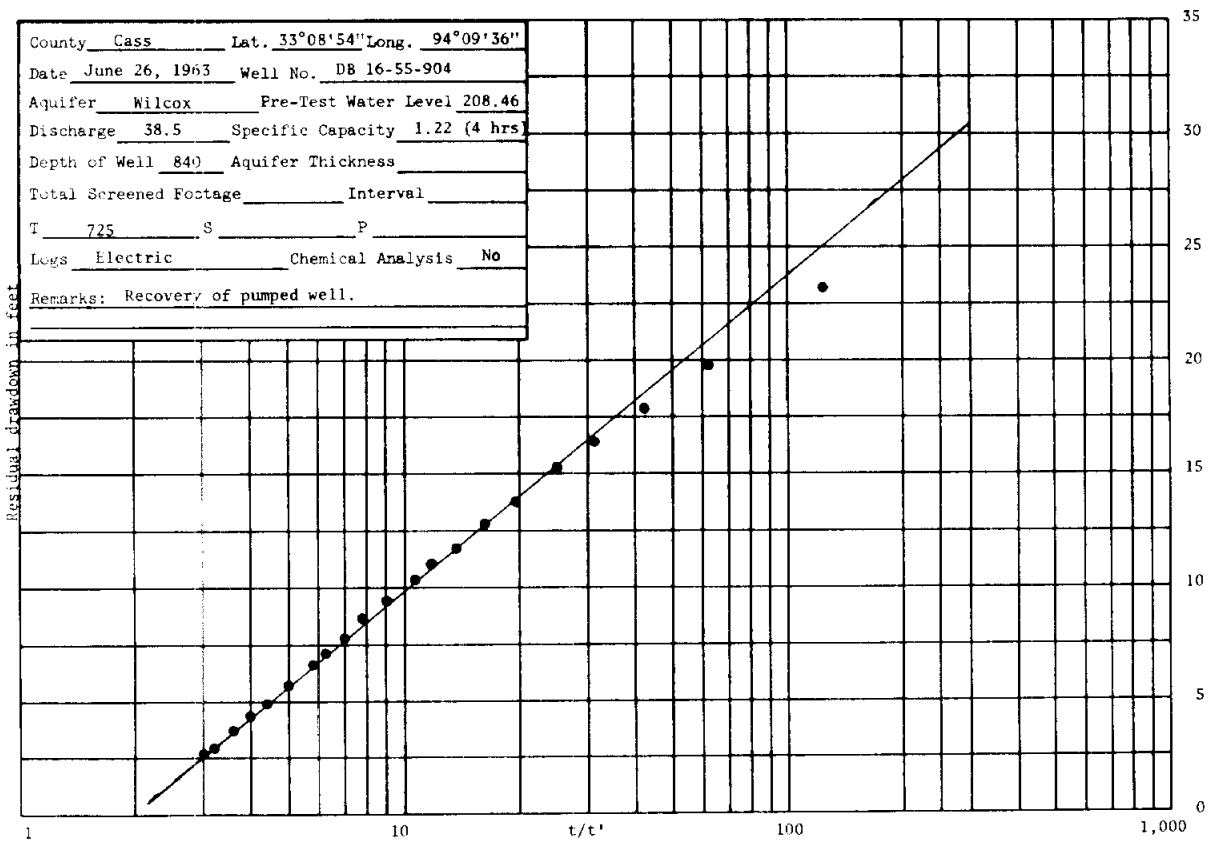


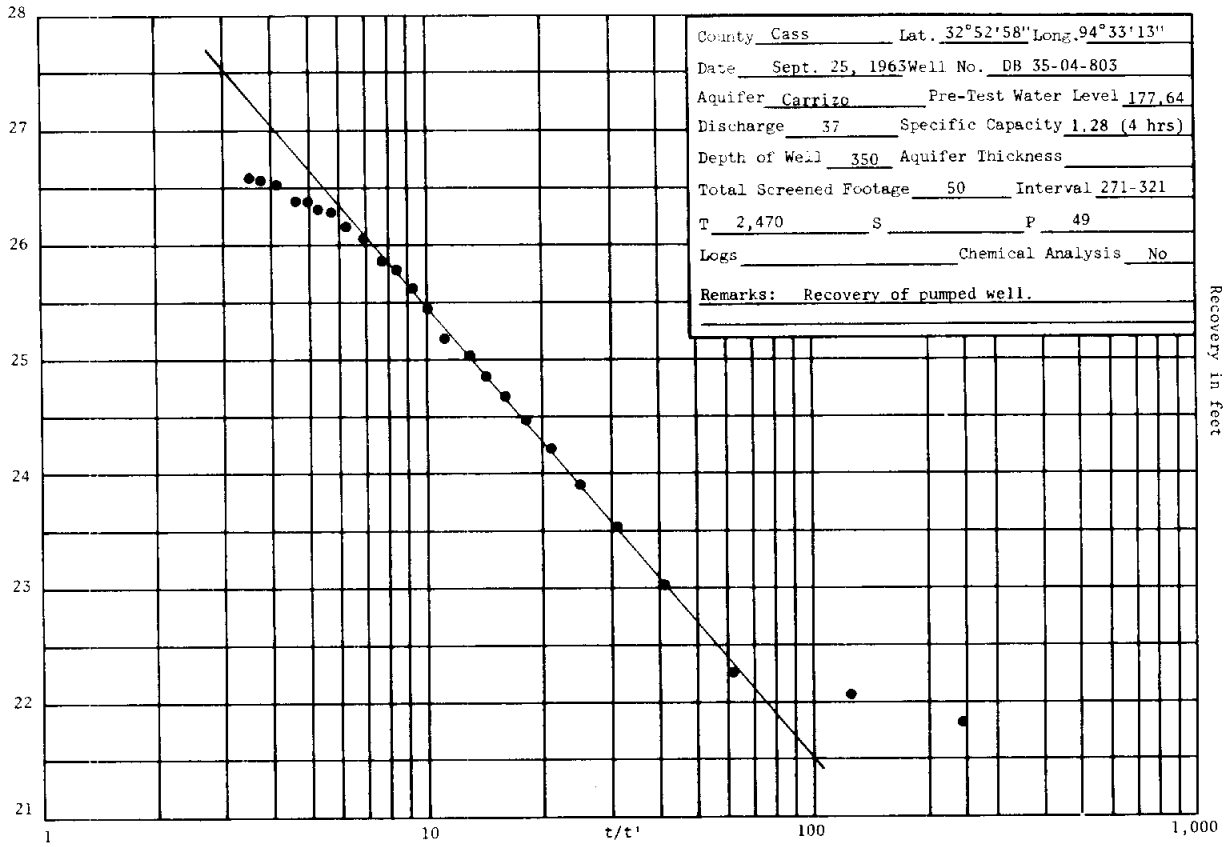
County Cameron Lat. 26°05'42" Long. 97°45'41"
Date July 17, 1957 Well No.
Aquifer Alluvium Pre-Test Water Level 28.61
Discharge 1,200 Specific Capacity
Depth of Well 225 Aquifer Thickness
Total Screened Footage 8 Interval 158-166
T 60,000 S .0006 P 7,500
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.



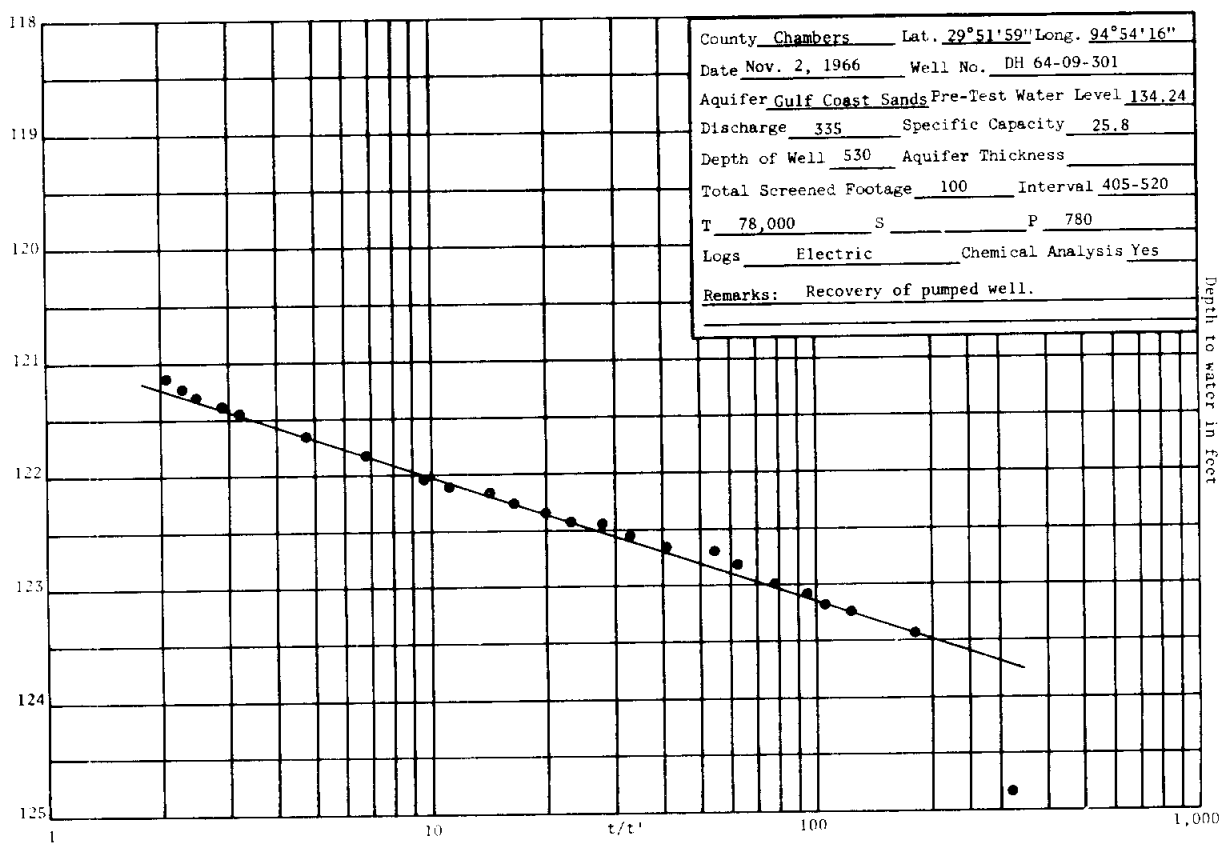
County Camp Lat. 32°58'45" Long. 94°59'34"
Date May 11, 1961 Well No. BZ 35-01-104
Aquifer Cypress? Pre-Test Water Level 500+
Discharge 140 Specific Capacity
Depth of Well 670 Aquifer Thickness
Total Screened Footage 78 Interval 515-660
T 335 S P 4.3
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.


County Cass Lat. 33°09'21" Long. 94°09'41"
Date May 10, 1961 Well No. DB 16-63-301
Aquifer Wilcox Pre-Test Water Level 197.84
Discharge 475 Specific Capacity 5.6 (2 hrs)
Depth of Well 829 Aquifer Thickness
Total Screened Footage 170 Interval ?
T 13,600 S P 80
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
16
14
12
10
8
6
4
2
.1
1
t/t'
10
100

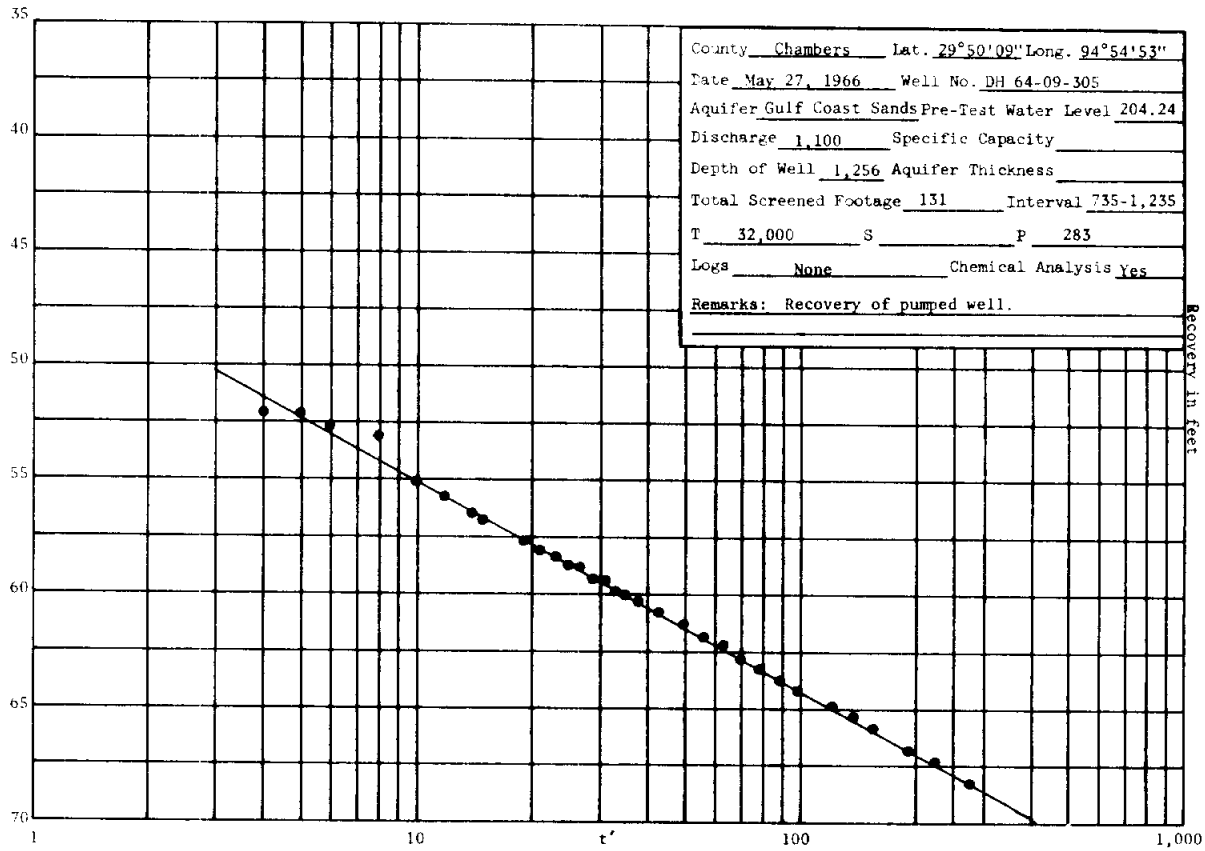

County Cass Lat. 33°08'54" Long. 94°09'36"
Date June 26, 1963 Well No. DB 16-55-904
Aquifer Wilcox Pre-Test Water Level 208.46
Discharge 38.5 Specific Capacity 1.22 (4 hrs)
Depth of Well 840 Aquifer Thickness
Total Screened Footage Interval
T 725 S P
Logs Electric Chemical Analysis No
Remarks: Recovery of pumped well.
Residual drawdown in feet
35
30
25
20
15
10
5
0
1
10
t/t'
100
1,000

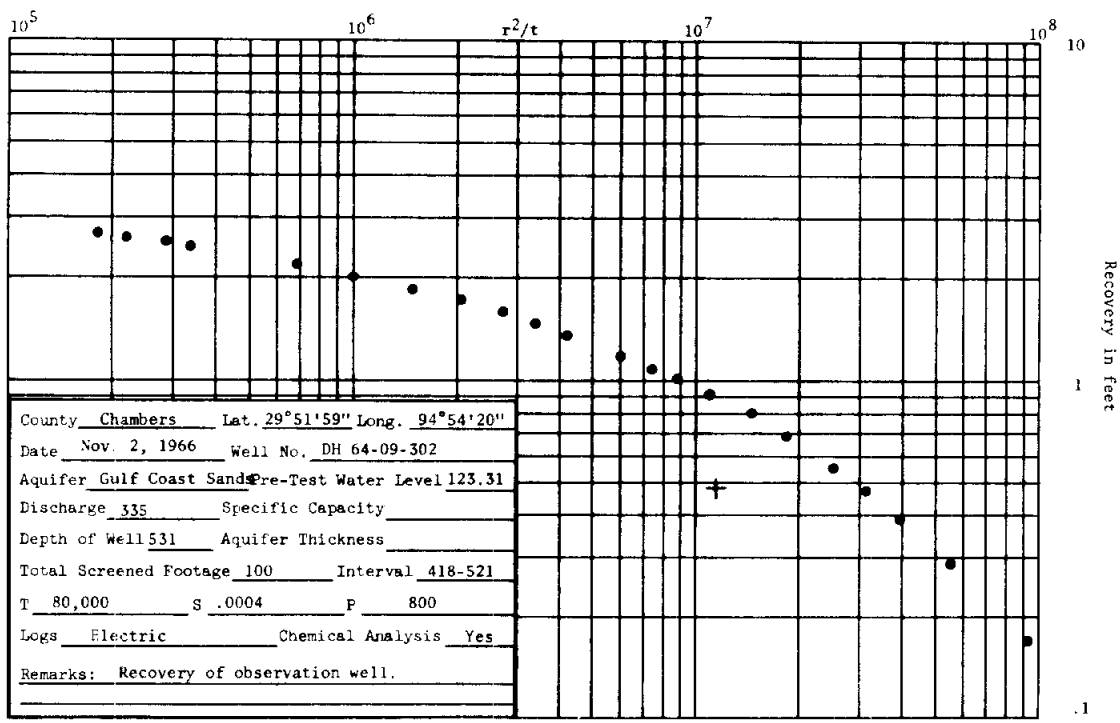


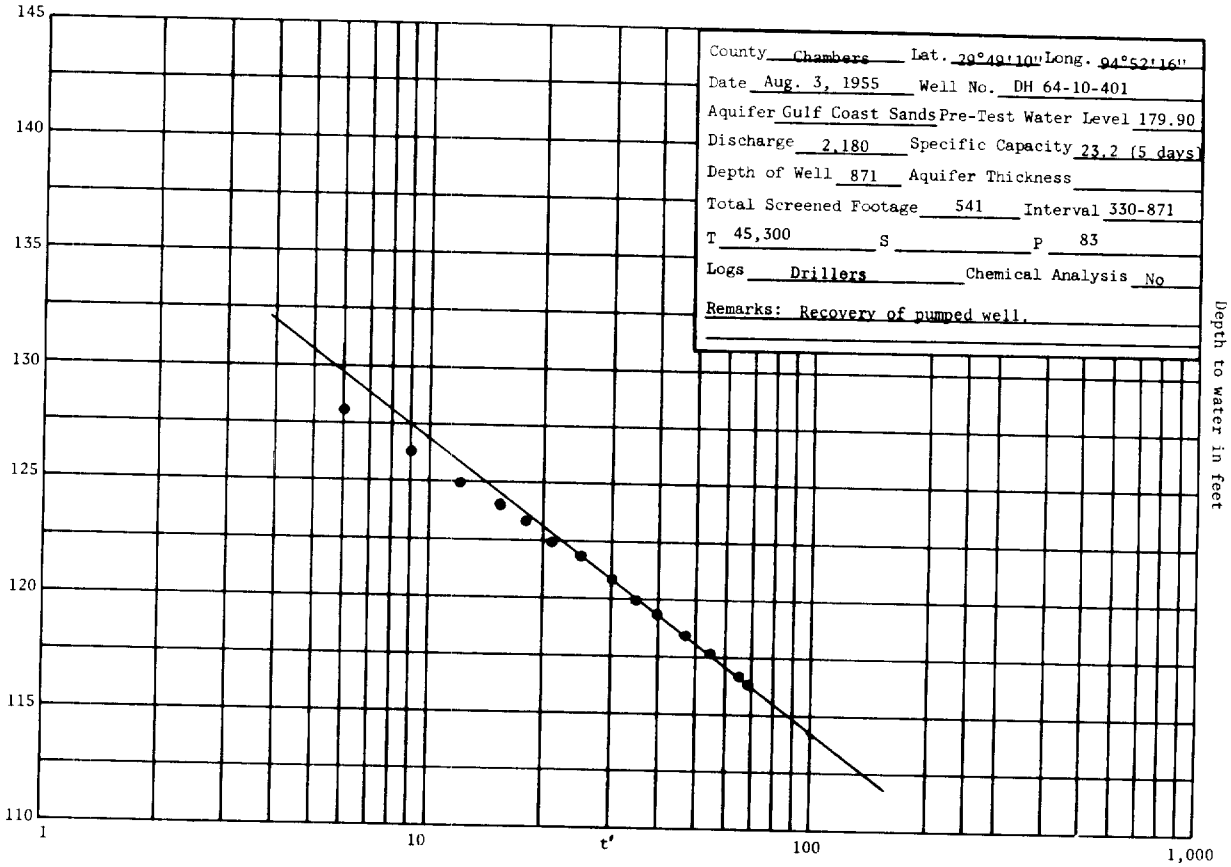
County Cass Lat. 32°52'58" Long. 94°33'13"
Date Sept. 25, 1963 Well No. DB 35-04-803
Aquifer Carrizo Pre-Test Water Level 177.64
Discharge 37 Specific Capacity 1.28 (4 hrs)
Depth of Well 350 Aquifer Thickness
Total Screened Footage 50 Interval 271-321
T 2,470 S P 49
Logs Chemical Analysis No
Remarks: Recovery of pumped well.

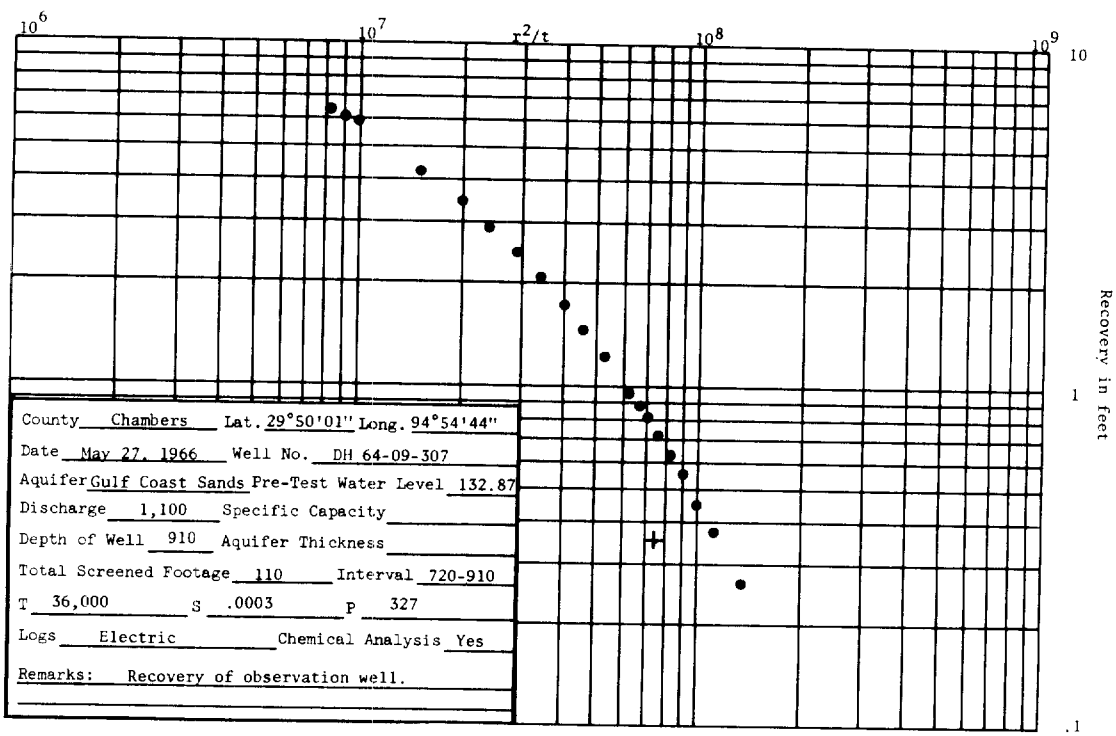


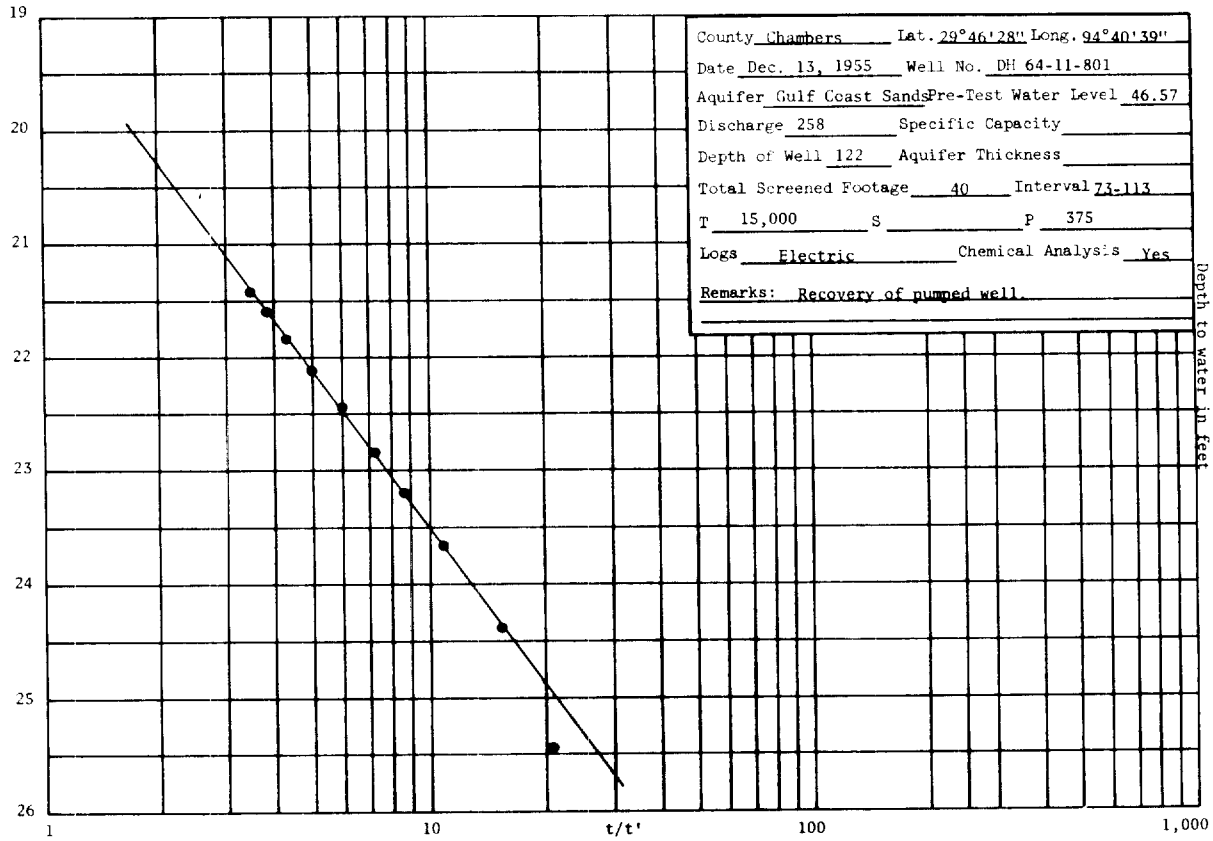
County Chambers Lat. 29°51'59" Long. 94°54'16"
Date Nov. 2, 1966 Well No. DH 64-09-301
Aquifer Gulf Coast Sands Pre-Test Water Level 134.24
Discharge 335 Specific Capacity 25.8
Depth of Well 530 Aquifer Thickness
Total Screened Footage 100 Interval 405-520
T 78,000 S P 780
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

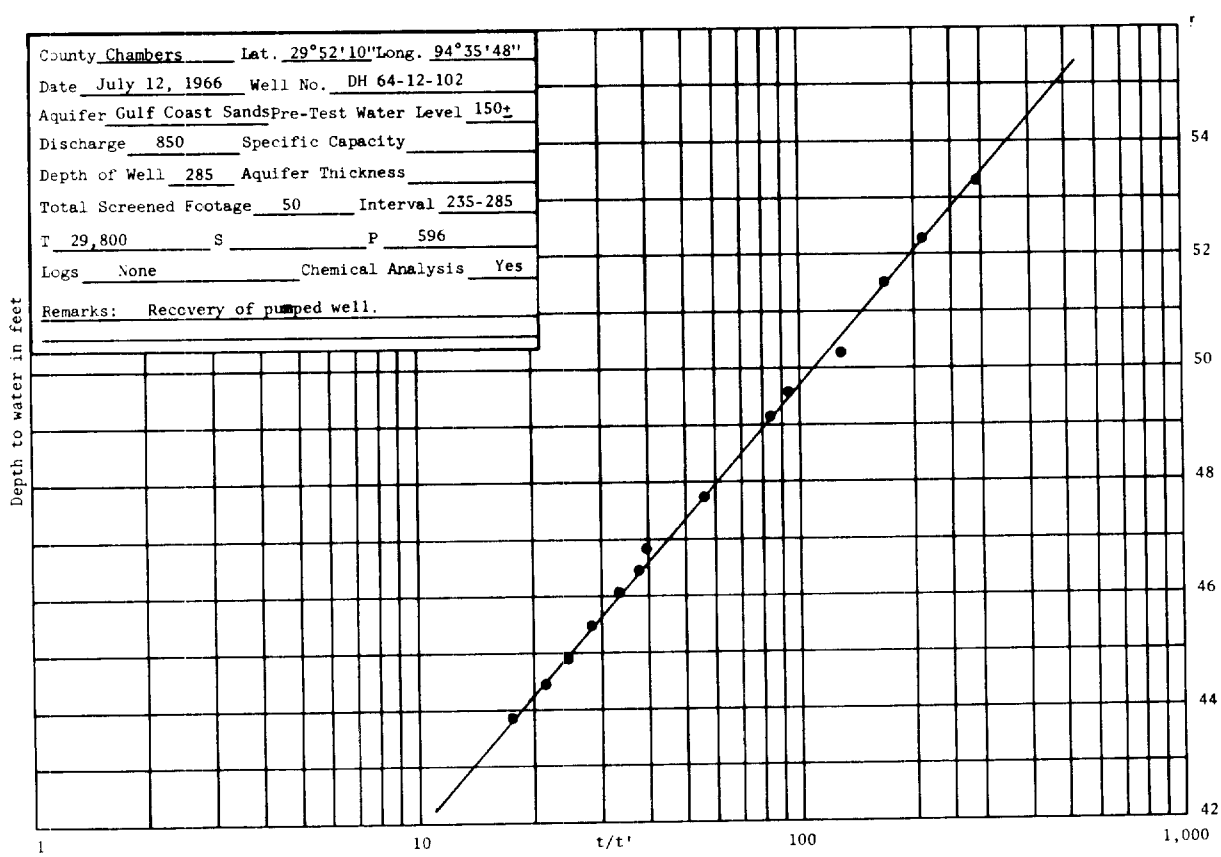

County Chambers Lat. 29°50'09" Long. 94°54'53"
Date May 27, 1966 Well No. DH 64-09-305
Aquifer Gulf Coast Sands Pre-Test Water Level 204.24
Discharge 1,100 Specific Capacity
Depth of Well 1,256 Aquifer Thickness
Total Screened Footage 131 Interval 735-1,235
T 32,000 S P 283
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
35
40
45
50
55
60
65
70
1
10
t'
100
1,000
Recovery in feet

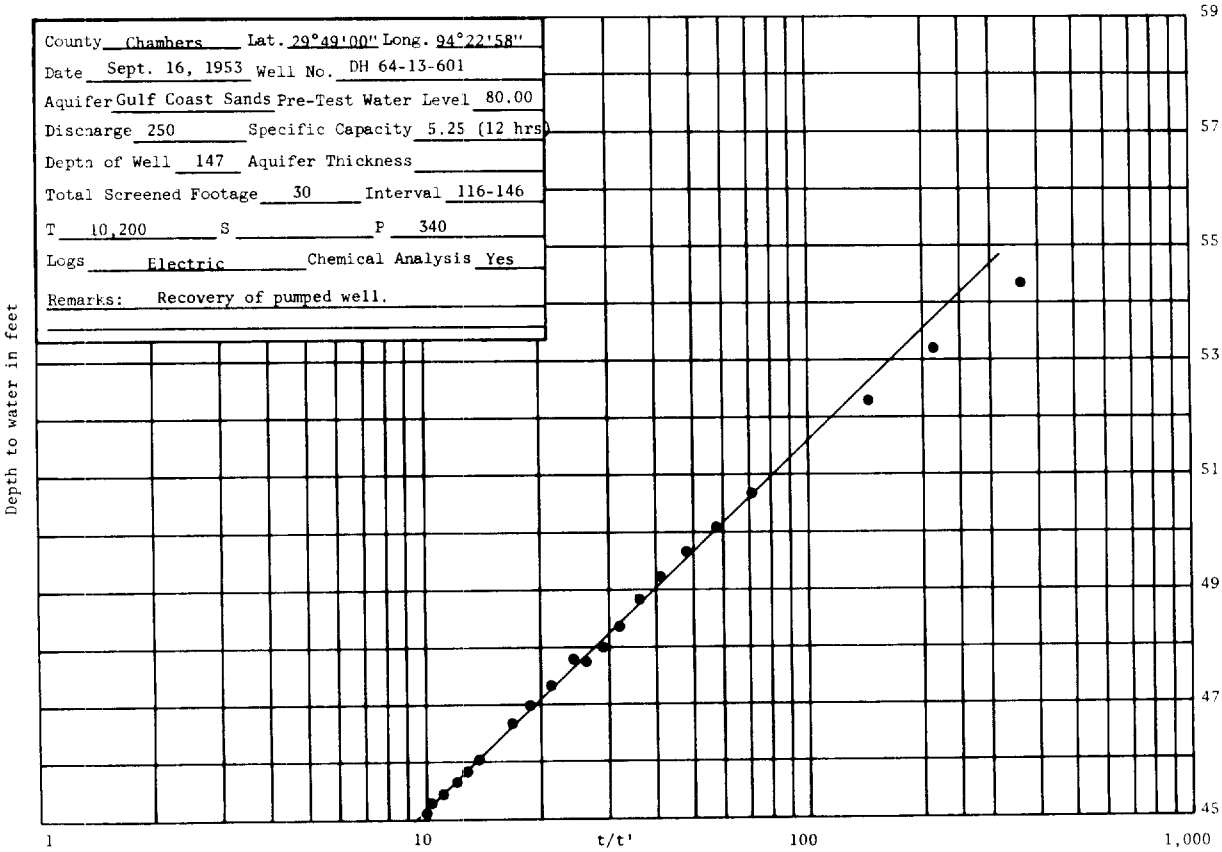

10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet
County Chambers Lat. 29°51'59" Long. 94°54'20"
Date Nov. 2, 1966 Well No. DH 64-09-302
Aquifer Gulf Coast Sands Pre-Test Water Level 123.31
Discharge 335 Specific Capacity
Depth of Well 531 Aquifer Thickness
Total Screened Footage 100 Interval 418-521
T 80,000 S .0004 P 800
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.

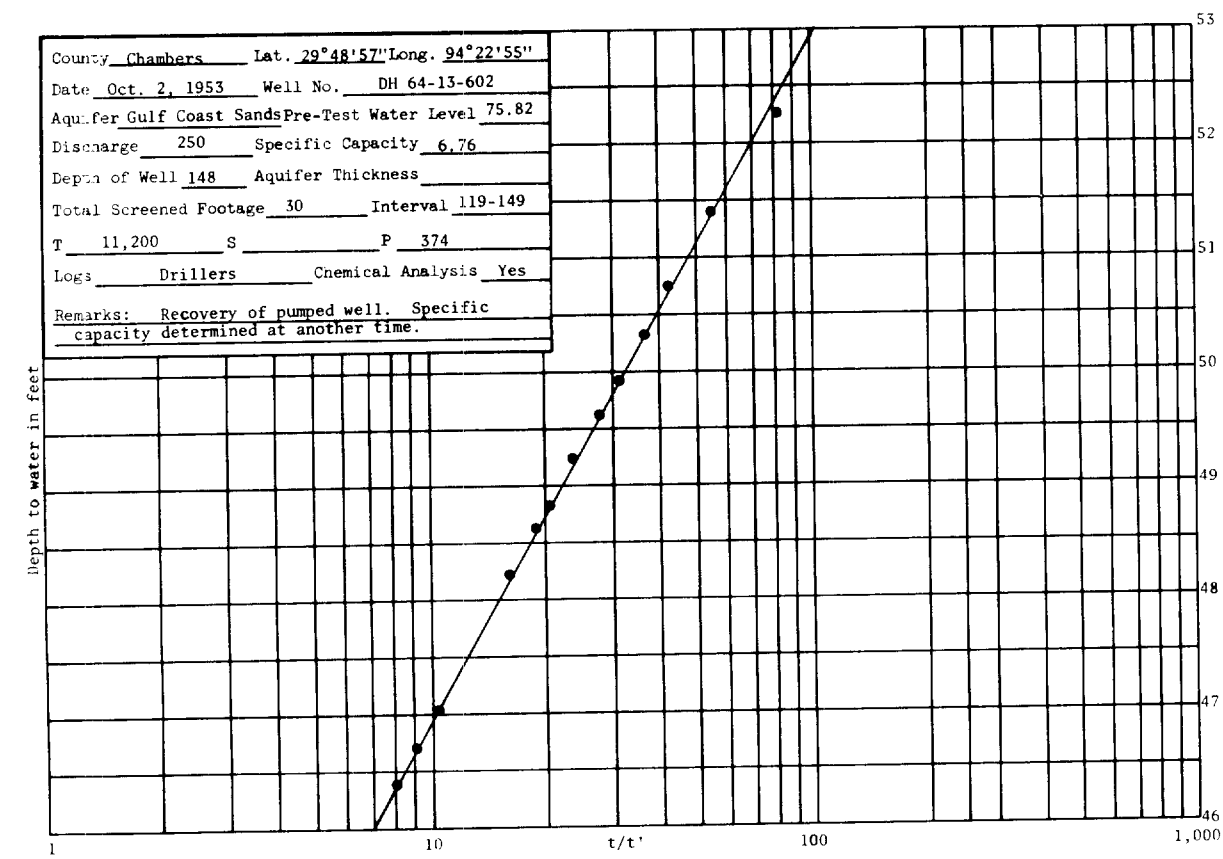

145
140
135
130
125
120
115
110
1
10
t'
100
1,000
Depth to water in feet
County Chambers Lat. 29°49'10" Long. 94°52'16"
Date Aug. 3, 1955 Well No. DH 64-10-401
Aquifer Gulf Coast Sands Pre-Test Water Level 179.90
Discharge 2,180 Specific Capacity 23.2 (5 days)
Depth of Well 871 Aquifer Thickness
Total Screened Footage 541 Interval 330-871
T 45,300 S P 83
Logs Drillers Chemical Analysis No
Remarks: Recovery of pumped well.

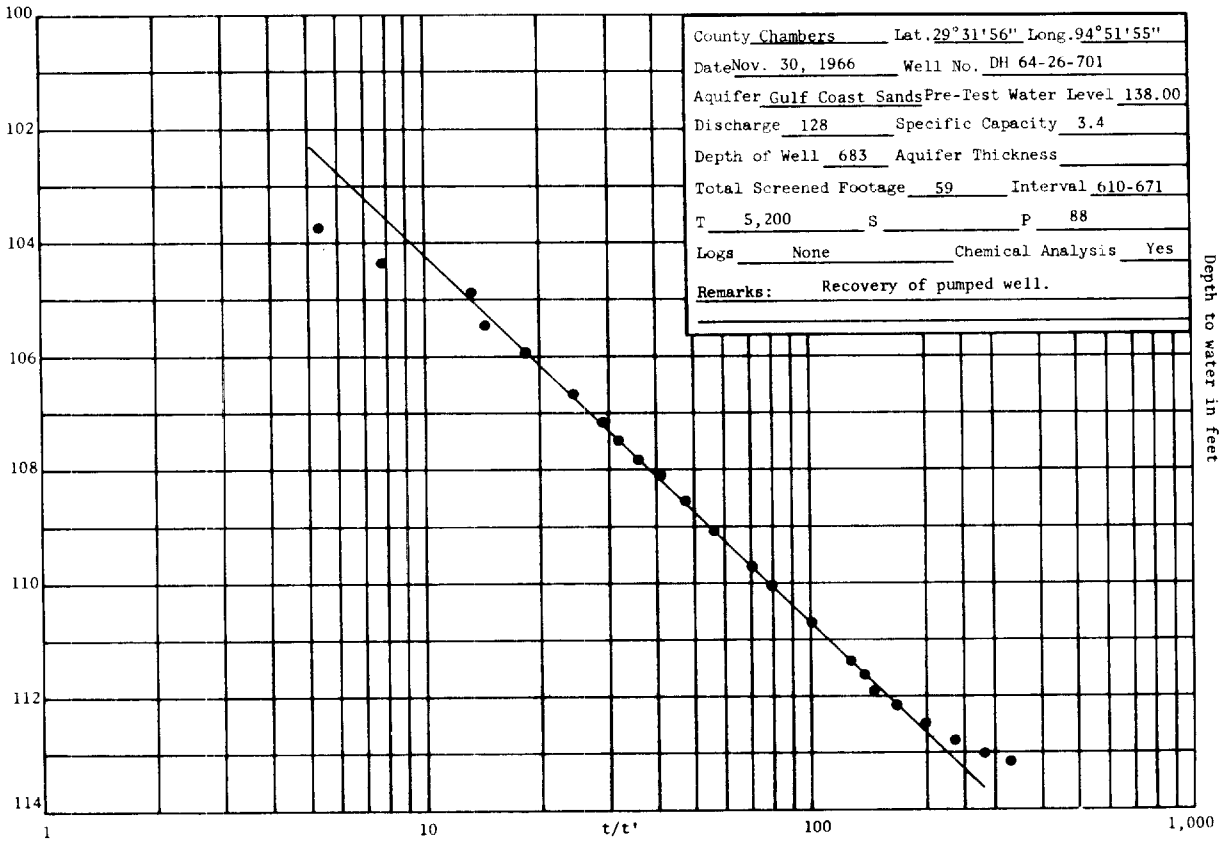

10^6
10^7
r^2/t
10^8
10^9
10
1
.1
Recovery in feet
County Chambers Lat. 29°50'01" Long. 94°54'44"
Date May 27, 1966 Well No. DH 64-09-307
Aquifer Gulf Coast Sands Pre-Test Water Level 132.87
Discharge 1,100 Specific Capacity
Depth of Well 910 Aquifer Thickness
Total Screened Footage 110 Interval 720-910
T 36,000 S .0003 P 327
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.

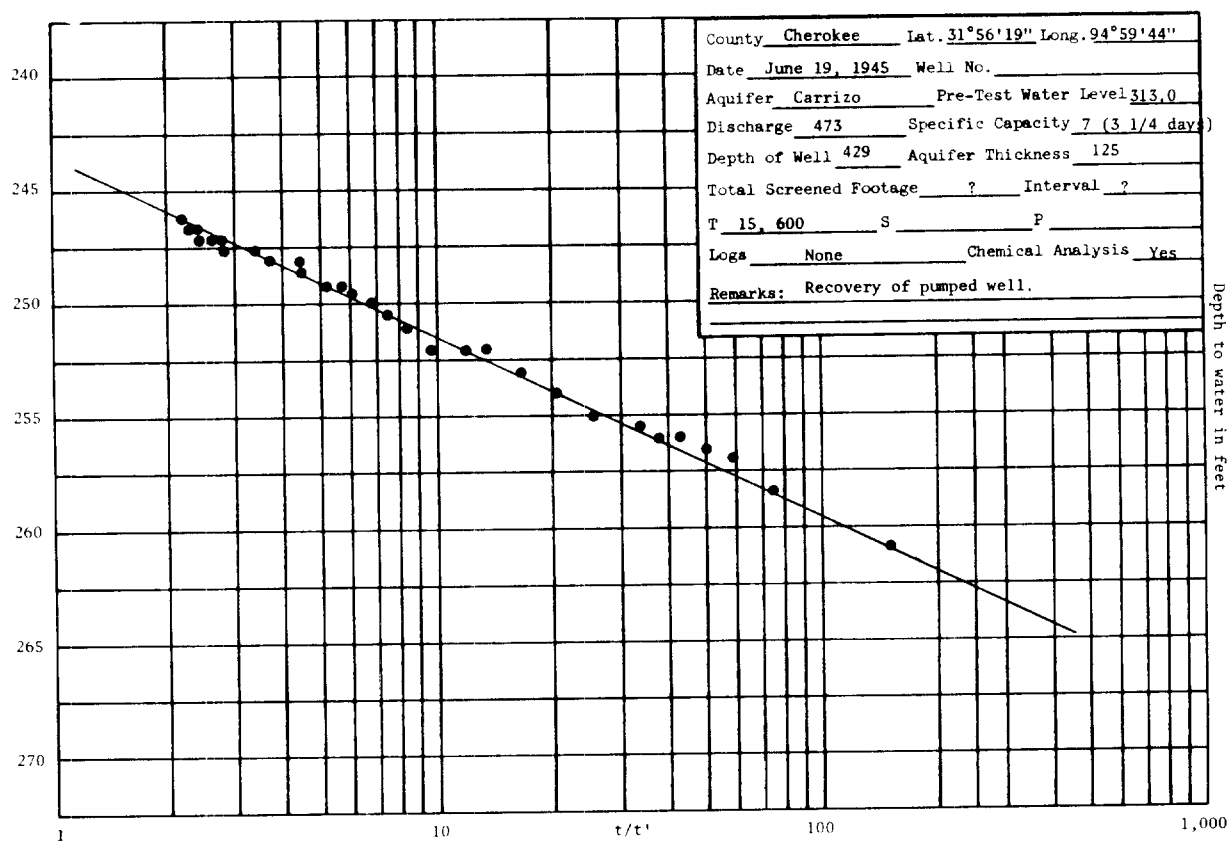

County Chambers Lat. 29°46'28" Long. 94°40'39"
Date Dec. 13, 1955 Well No. DH 64-11-801
Aquifer Gulf Coast Sands Pre-Test Water Level 46.57
Discharge 258 Specific Capacity
Depth of Well 122 Aquifer Thickness
Total Screened Footage 40 Interval 73-113
T 15,000 S P 375
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
19
20
21
22
23
24
25
26
1
10
t/t'
100
1,000
Depth to water in feet

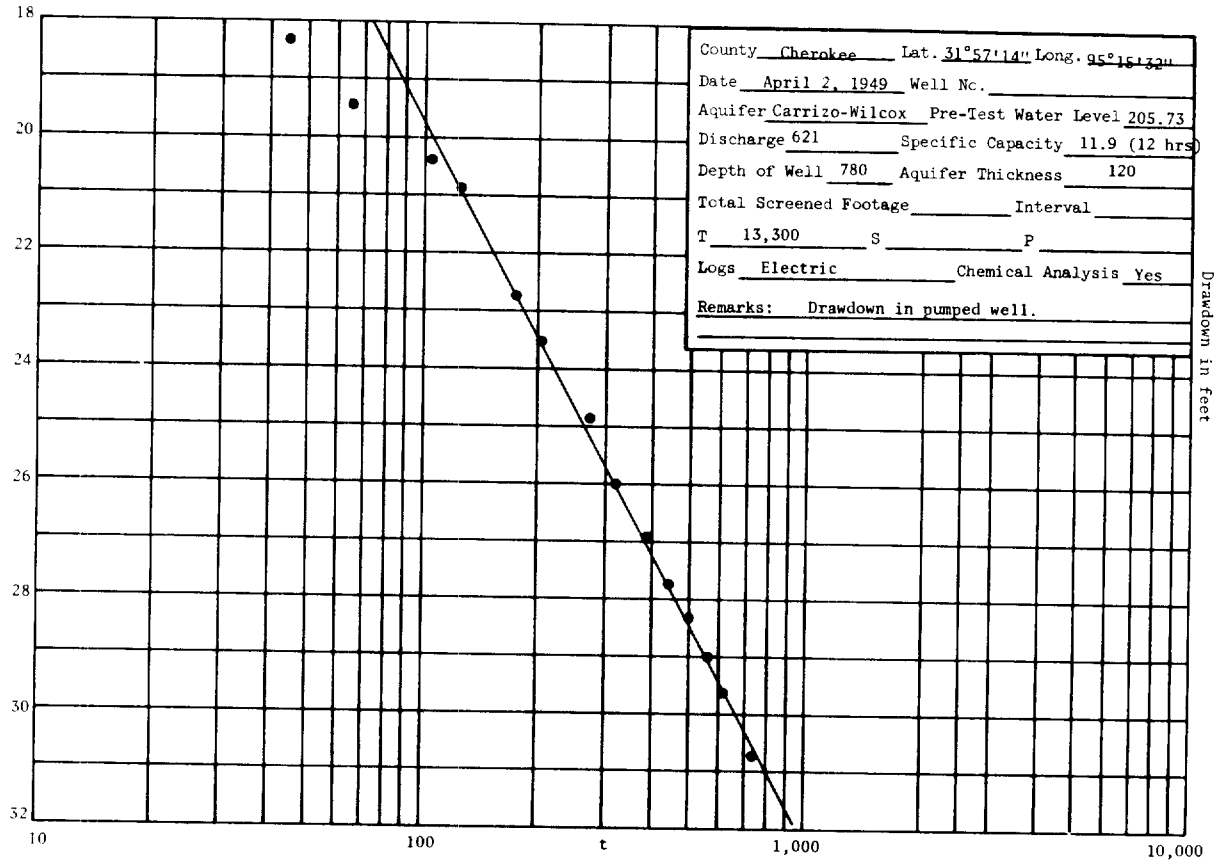

County Chambers Lat. 29°52'10" Long. 94°35'48"
Date July 12, 1966 Well No. DH 64-12-102
Aquifer Gulf Coast Sands Pre-Test Water Level 150±
Discharge 850 Specific Capacity
Depth of Well 285 Aquifer Thickness
Total Screened Footage 50 Interval 235-285
T 29,800 S P 596
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
54
52
50
48
46
44
42
1
10
t/t'
100
1,000
Depth to water in feet

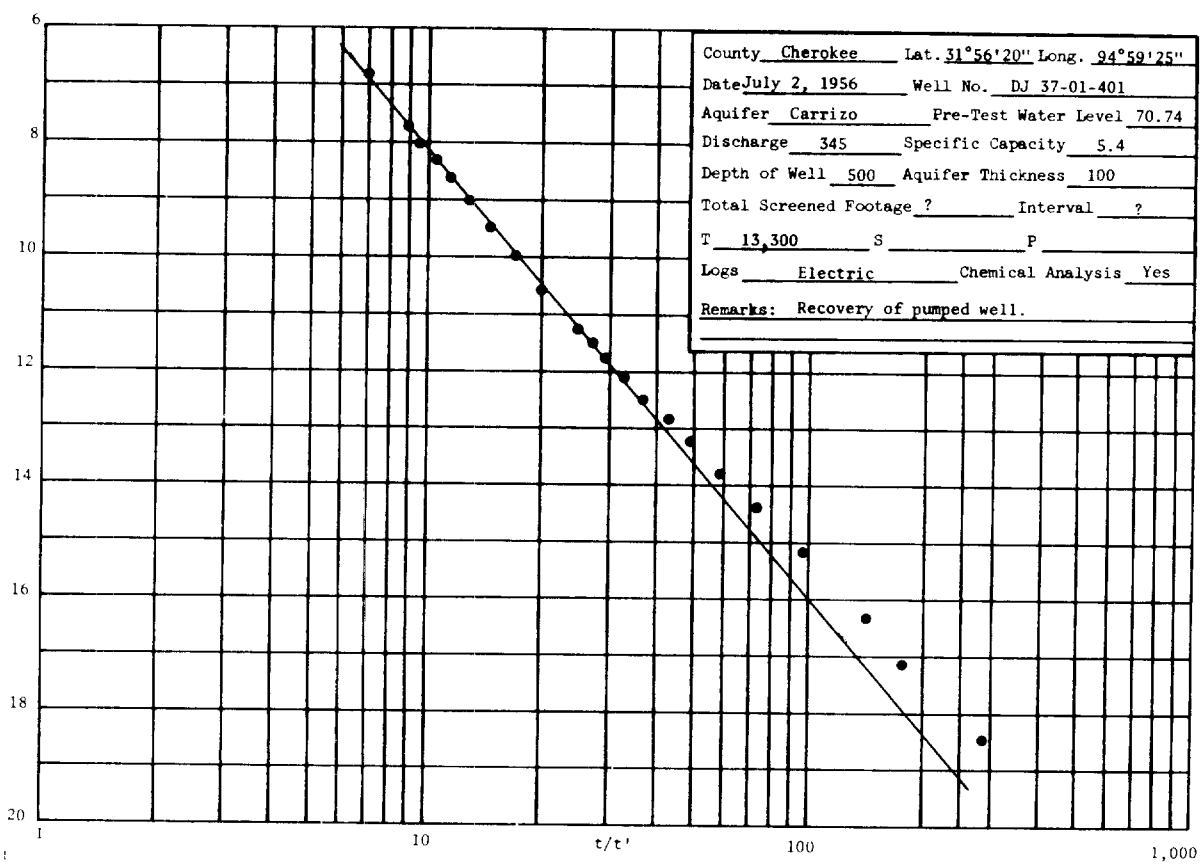

County Chambers Lat. 29°49'00" Long. 94°22'58"
Date Sept. 16, 1953 Well No. DH 64-13-601
Aquifer Gulf Coast Sands Pre-Test Water Level 80.00
Discharge 250 Specific Capacity 5.25 (12 hrs)
Depth of Well 147 Aquifer Thickness
Total Screened Footage 30 Interval 116-146
T 10,200 S P 340
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
59
57
55
53
51
49
47
45
1
10
t/t'
100
1,000

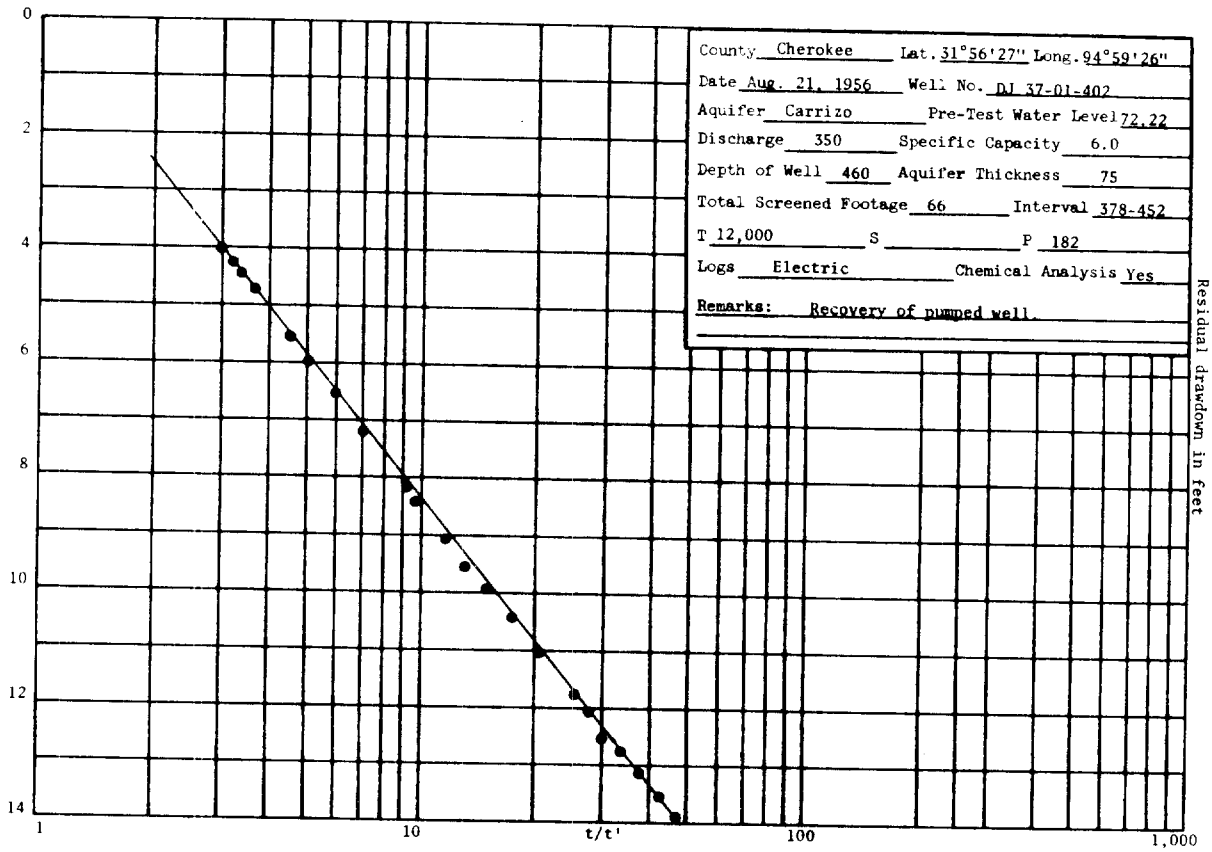

County Chambers Lat. 29°48'57" Long. 94°22'55"
Date Oct. 2, 1953 Well No. DH 64-13-602
Aquifer Gulf Coast Sands Pre-Test Water Level 75.82
Discharge 250 Specific Capacity 6.76
Depth of Well 148 Aquifer Thickness
Total Screened Footage 30 Interval 119-149
T 11,200 S P 374
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well. Specific capacity determined at another time.
Depth to water in feet
53
52
51
50
49
48
47
46
1
10
t/t'
100
1,000

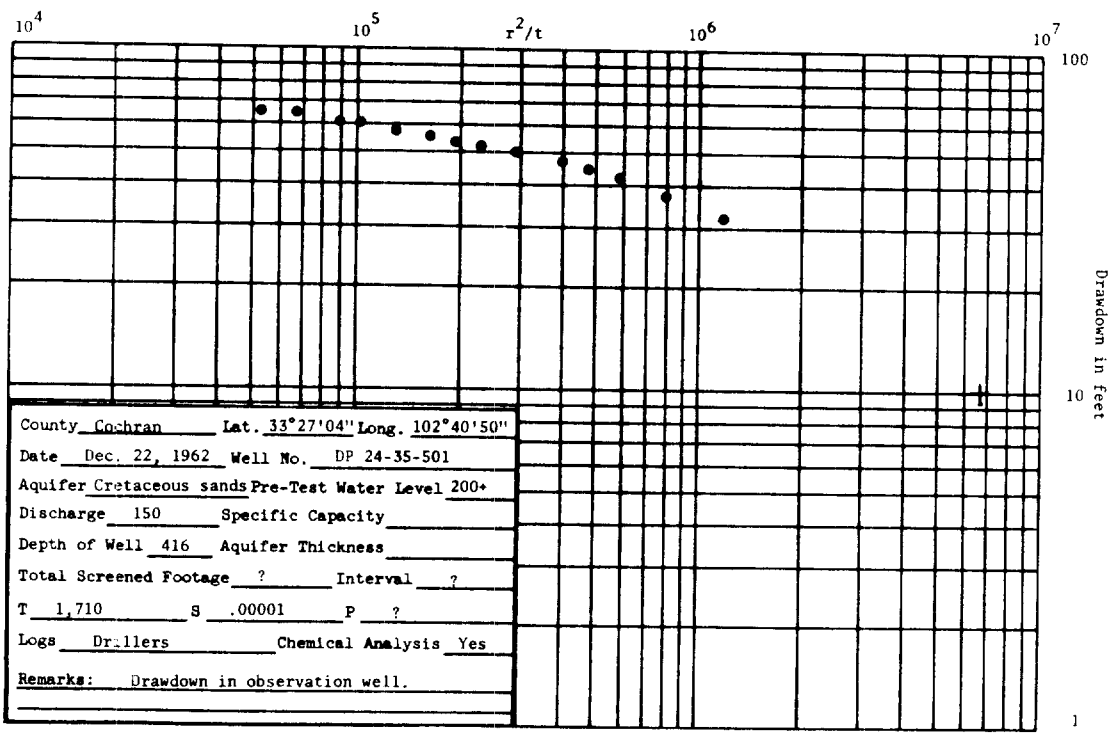

County Chambers Lat. 29°31'56" Long. 94°51'55"
Date Nov. 30, 1966 Well No. DH 64-26-701
Aquifer Gulf Coast Sands Pre-Test Water Level 138.00
Discharge 128 Specific Capacity 3.4
Depth of Well 683 Aquifer Thickness
Total Screened Footage 59 Interval 610-671
T 5,200 S P 88
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
100
102
104
106
108
110
112
114
1
10
t/t'
100
1,000
Depth to water in feet

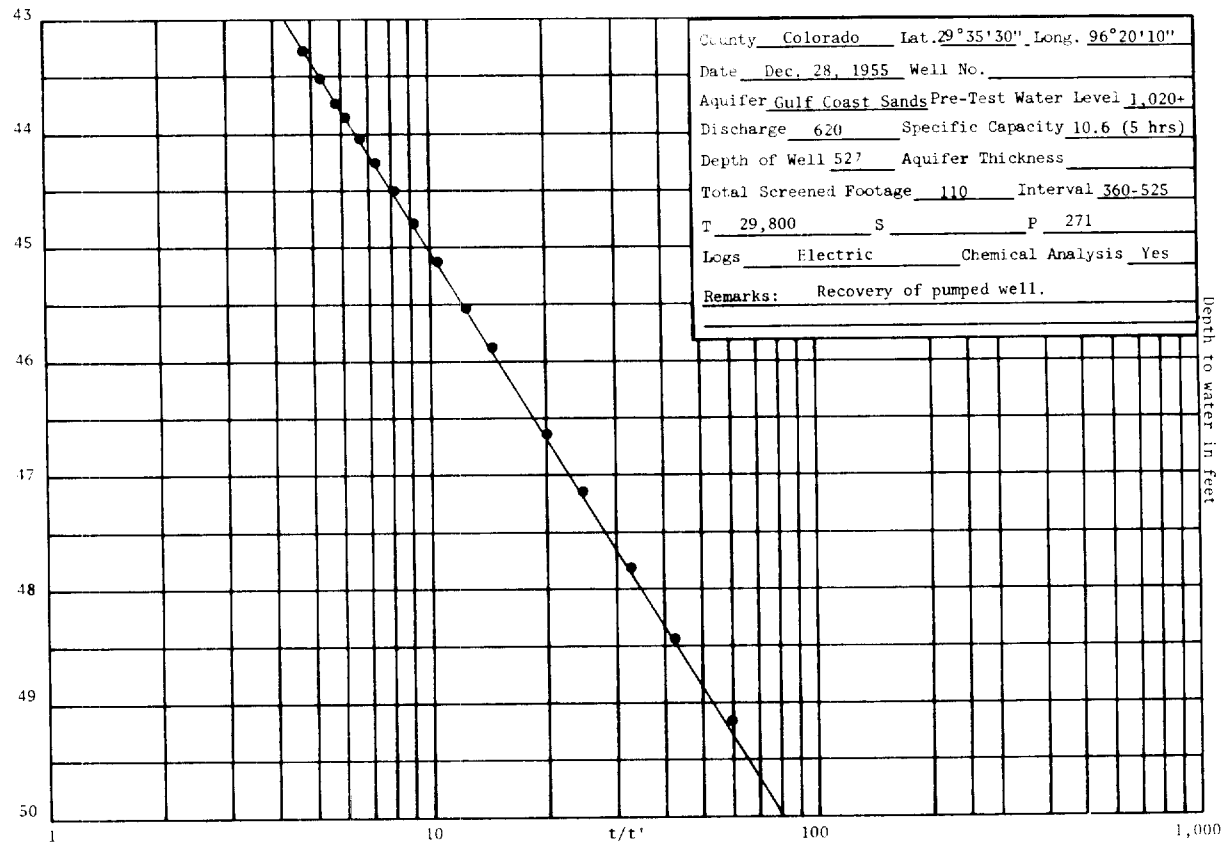

County Cherokee Lat. 31°56'19" Long. 94°59'44"
Date June 19, 1945 Well No.
Aquifer Carrizo Pre-Test Water Level 313.0
Discharge 473 Specific Capacity 7 (3 1/4 days)
Depth of Well 429 Aquifer Thickness 125
Total Screened Footage ? Interval ?
T 15,600 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
240
245
250
255
260
265
270
1
10
t/t'
100
1,000
Depth to water in feet

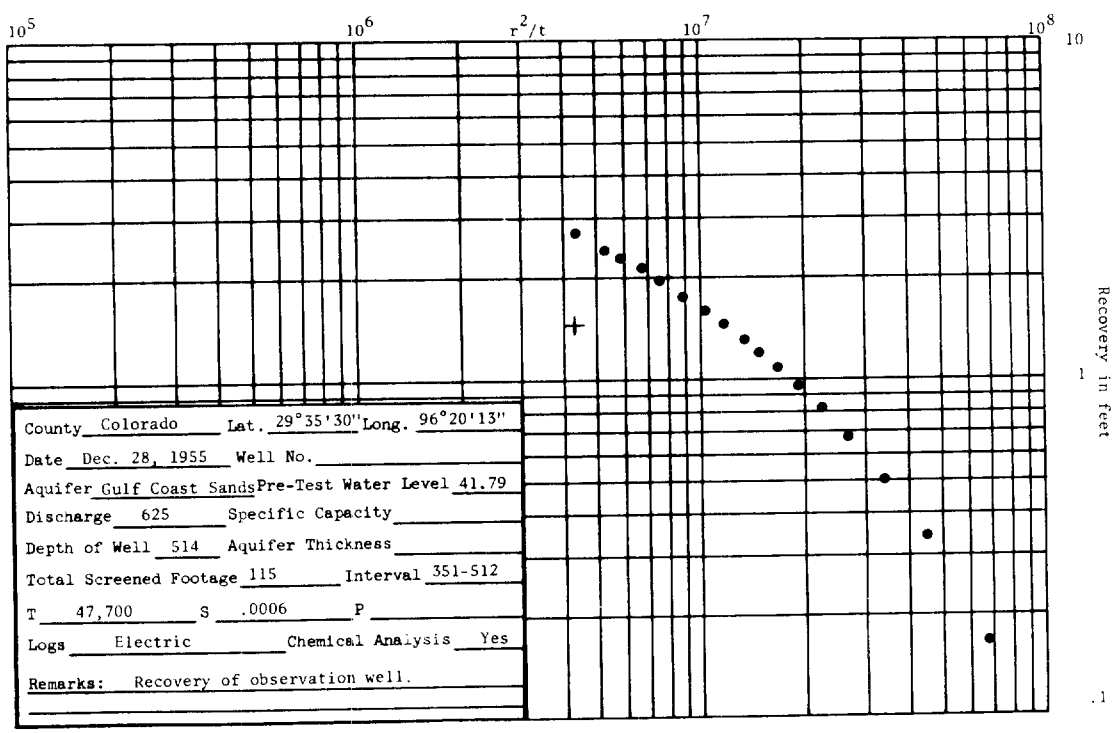

18
20
22
24
26
28
30
32
10
100
t
1,000
10,000
Drawdown in feet
County Cherokee Lat. 31°57'14" Long. 95°15'32"
Date April 2, 1949 Well No.
Aquifer Carrizo-Wilcox Pre-Test Water Level 205.73
Discharge 621 Specific Capacity 11.9 (12 hrs)
Depth of Well 780 Aquifer Thickness 120
Total Screened Footage Interval
T 13,300 S P
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.

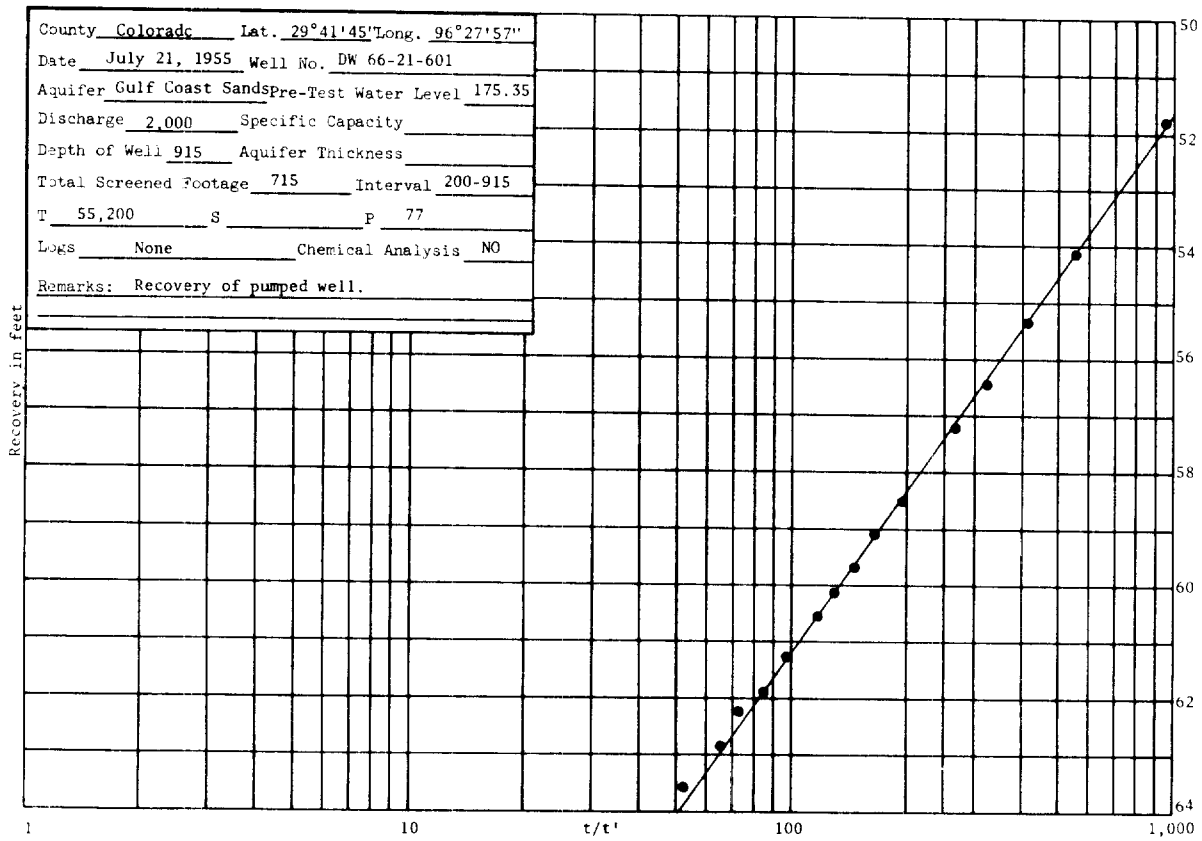

6
8
10
12
14
16
18
20
1
10
t/t'
100
1,000
Residual drawdown in feet
County Cherokee Lat. 31°56'20" Long. 94°59'25"
Date July 2, 1956 Well No. DJ 37-01-401
Aquifer Carrizo Pre-Test Water Level 70.74
Discharge 345 Specific Capacity 5.4
Depth of Well 500 Aquifer Thickness 100
Total Screened Footage ? Interval ?
T 13,300 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

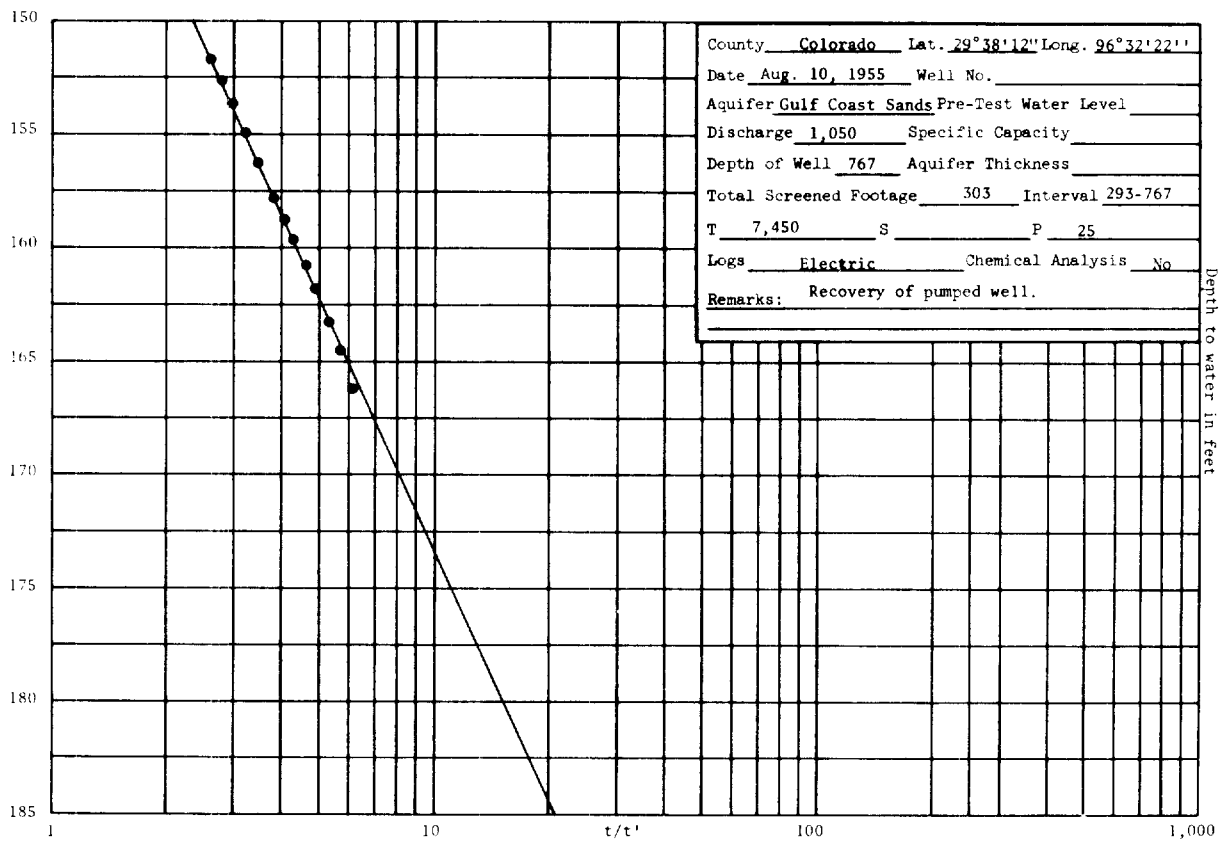

0
2
4
6
8
10
12
14
1
10
t/t'
100
1,000
Residual drawdown in feet
County Cherokee Lat. 31°56'27" Long. 94°59'26"
Date Aug. 21, 1956 Well No. DJ 37-01-402
Aquifer Carrizo Pre-Test Water Level 72.22
Discharge 350 Specific Capacity 6.0
Depth of Well 460 Aquifer Thickness 75
Total Screened Footage 66 Interval 378-452
T 12,000 S P 182
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

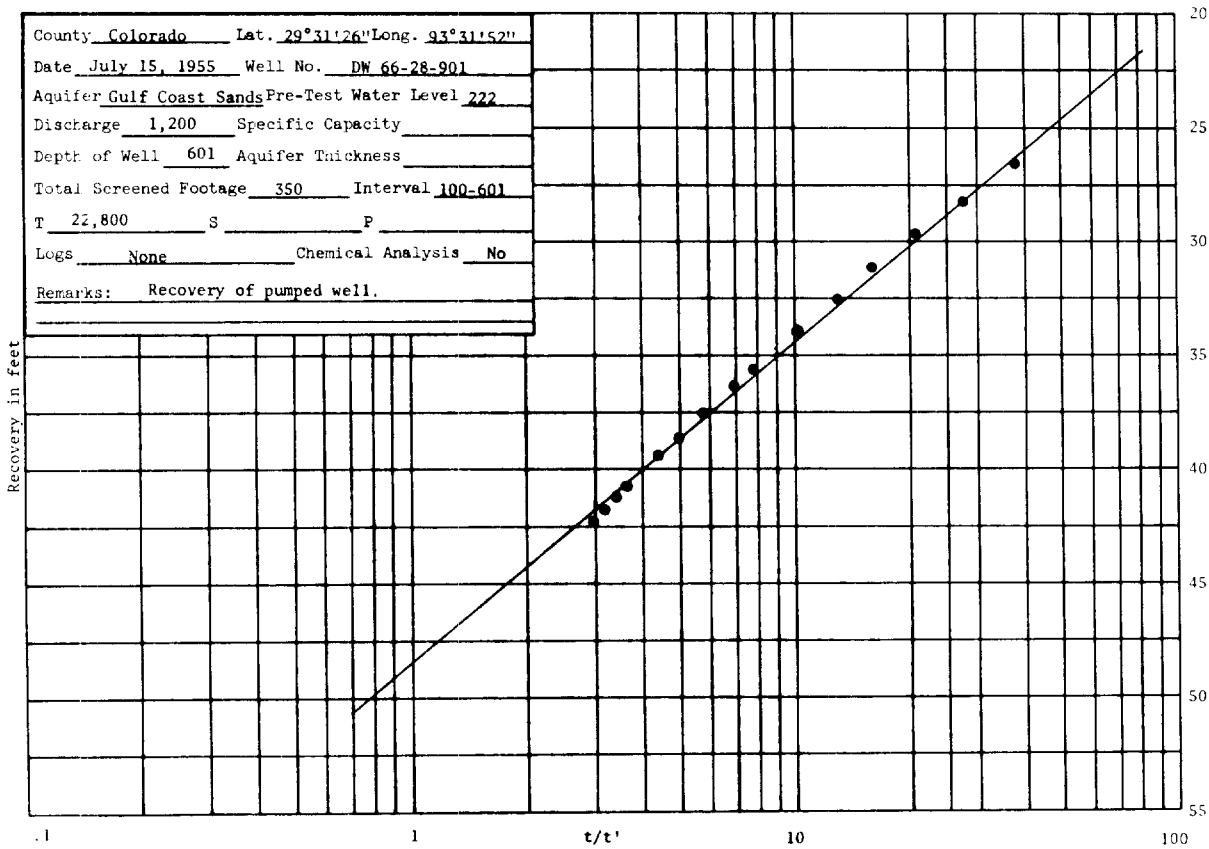

10^4
10^5
r^2/t
10^6
10^7
100
10
1
Drawdown in feet
County Cochran Lat. 33°27'04" Long. 102°40'50"
Date Dec. 22, 1962 Well No. DP 24-35-501
Aquifer Cretaceous sands Pre-Test Water Level 200+
Discharge 150 Specific Capacity
Depth of Well 416 Aquifer Thickness
Total Screened Footage ? Interval ?
T 1,710 S .00001 P ?
Logs Drillers Chemical Analysis Yes
Remarks: Drawdown in observation well.

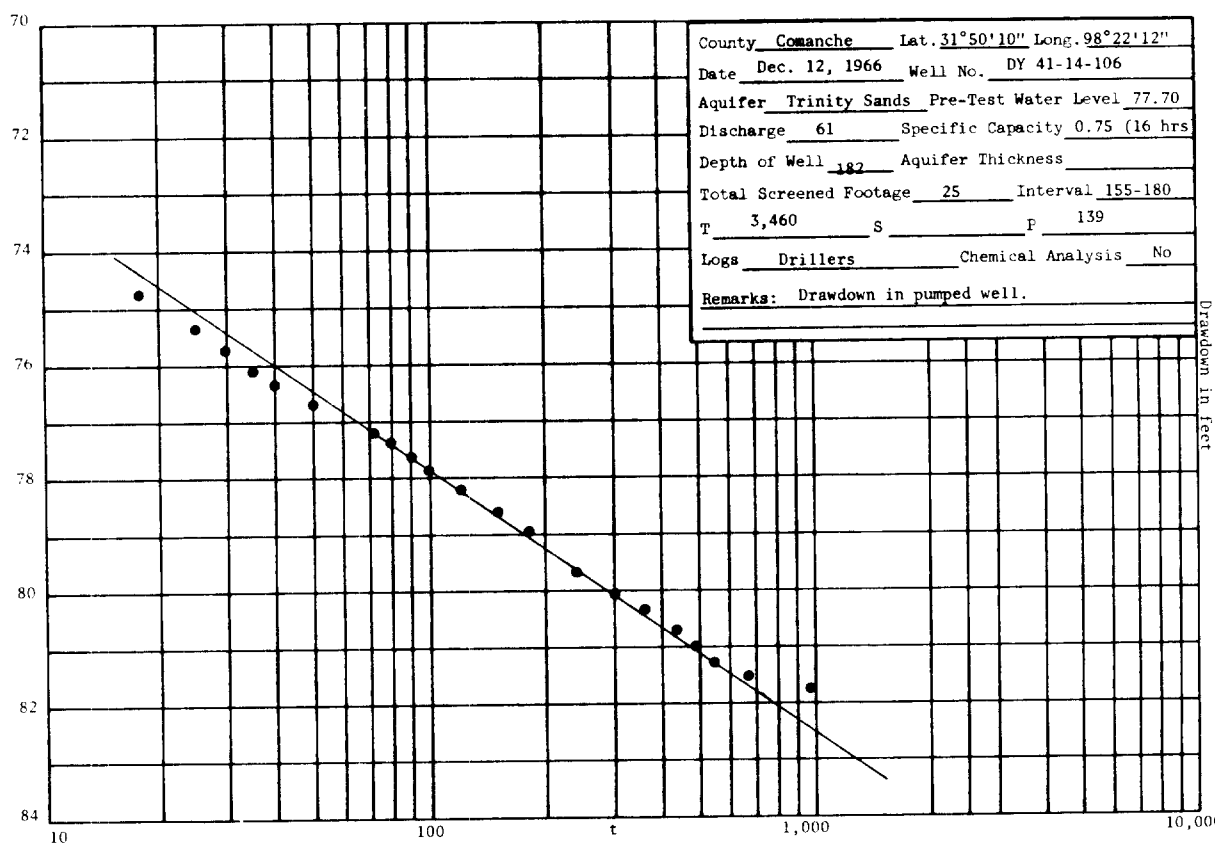

43
44
45
46
47
48
49
50
1
10
t/t'
100
1,000
Depth to water in feet
County Colorado Lat. 29°35'30" Long. 96°20'10"
Date Dec. 28, 1955 Well No.
Aquifer Gulf Coast Sands Pre-Test Water Level 1,020+
Discharge 620 Specific Capacity 10.6 (5 hrs)
Depth of Well 527 Aquifer Thickness
Total Screened Footage 110 Interval 360-525
T 29,800 S P 271
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

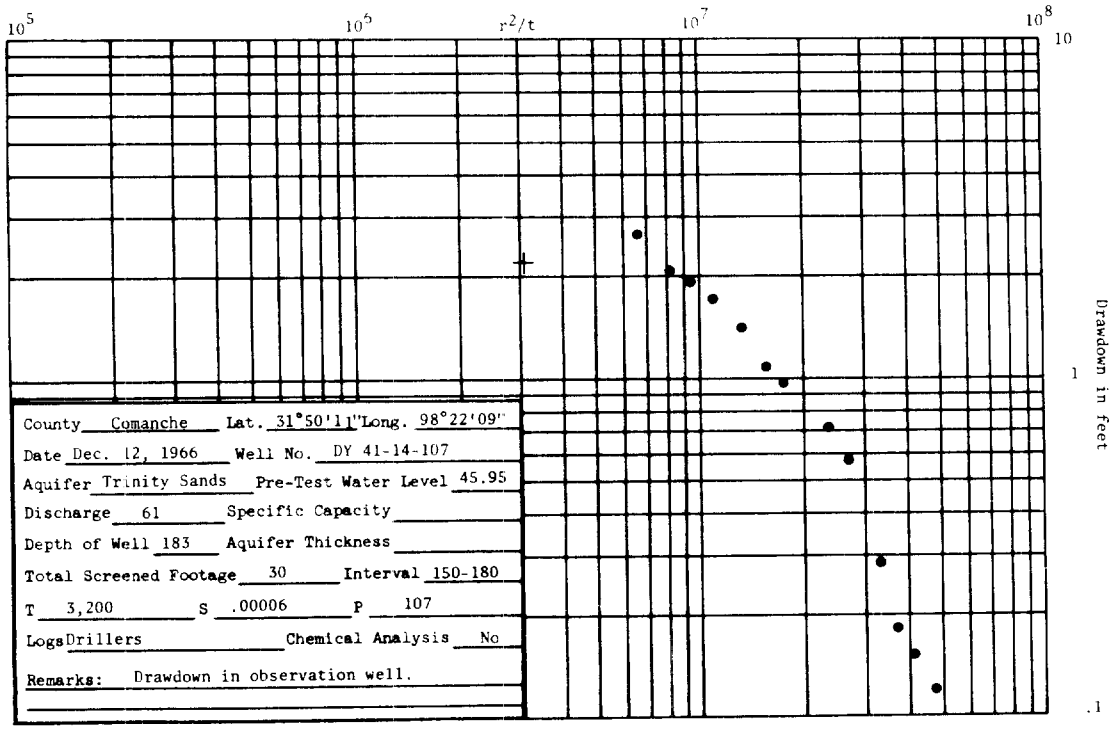

10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet
County Colorado Lat. 29°35'30" Long. 96°20'13"
Date Dec. 28, 1955 Well No.
Aquifer Gulf Coast Sands Pre-Test Water Level 41.79
Discharge 625 Specific Capacity
Depth of Well 514 Aquifer Thickness
Total Screened Footage 115 Interval 351-512
T 47,700 S .0006 P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.


County Colorado Lat. 29°41'45"Long. 96°27'57"
Date July 21, 1955 Well No. DW 66-21-601
Aquifer Gulf Coast Sands Pre-Test Water Level 175.35
Discharge 2,000 Specific Capacity
Depth of Well 915 Aquifer Thickness
Total Screened Footage 715 Interval 200-915
T 55,200 S P 77
Logs None Chemical Analysis NO
Remarks: Recovery of pumped well.
Recovery in feet
50
52
54
56
58
60
62
64
1
10
t/t'
100
1,000

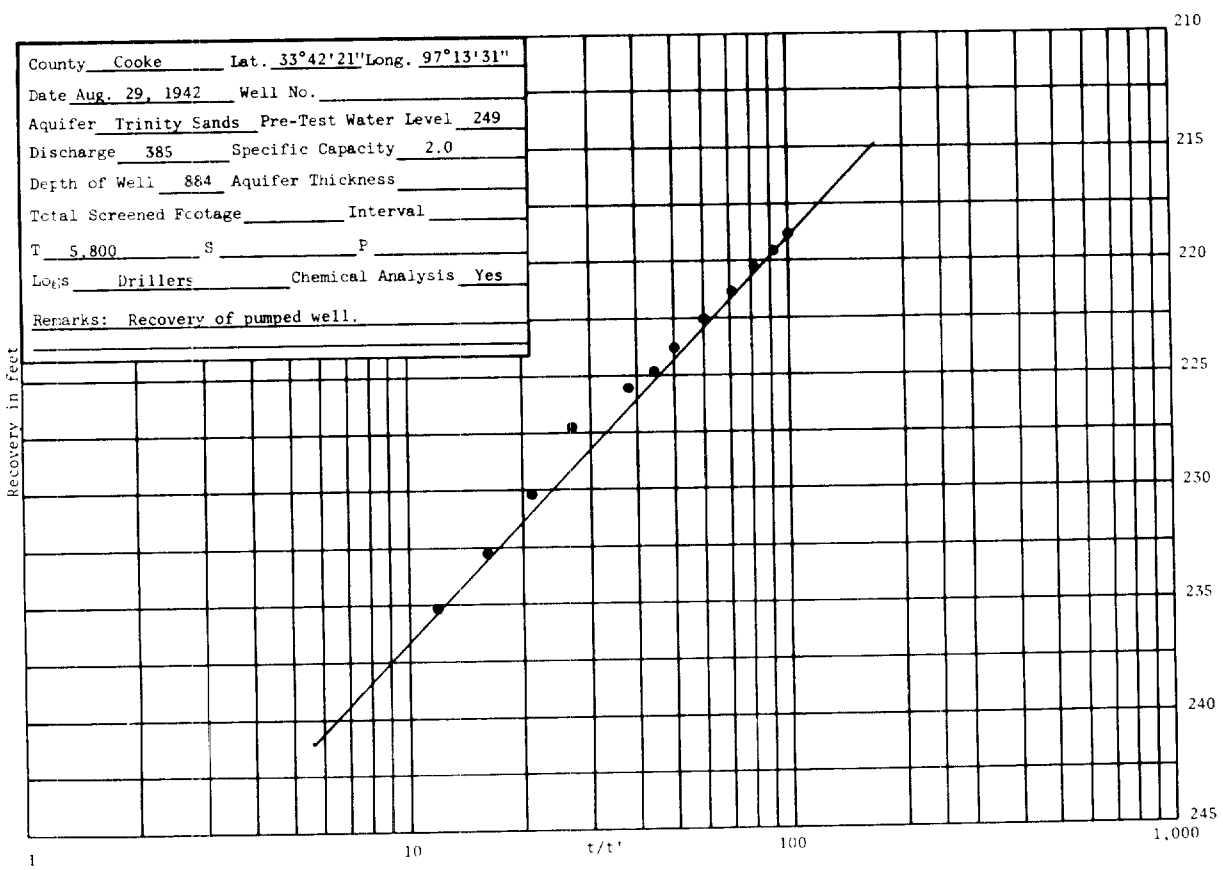

County Colorado Lat. 29°38'12"Long. 96°32'22"
Date Aug. 10, 1955 Well No.
Aquifer Gulf Coast Sands Pre-Test Water Level
Discharge 1,050 Specific Capacity
Depth of Well 767 Aquifer Thickness
Total Screened Footage 303 Interval 293-767
T 7,450 S P 25
Logs Electric Chemical Analysis No
Remarks: Recovery of pumped well.
150
155
160
165
170
175
180
185
Depth to water in feet
1
10
t/t'
100
1,000


County Colorado Lat. 29°31'26" Long. 93°31'52"
Date July 15, 1955 Well No. DW 66-28-901
Aquifer Gulf Coast Sands Pre-Test Water Level 222
Discharge 1,200 Specific Capacity
Depth of Well 601 Aquifer Thickness
Total Screened Footage 350 Interval 100-601
T 22,800 S P
Logs None Chemical Analysis No
Remarks: Recovery of pumped well.
Recovery in feet
20
25
30
35
40
45
50
55
.1
1
t/t'
10
100

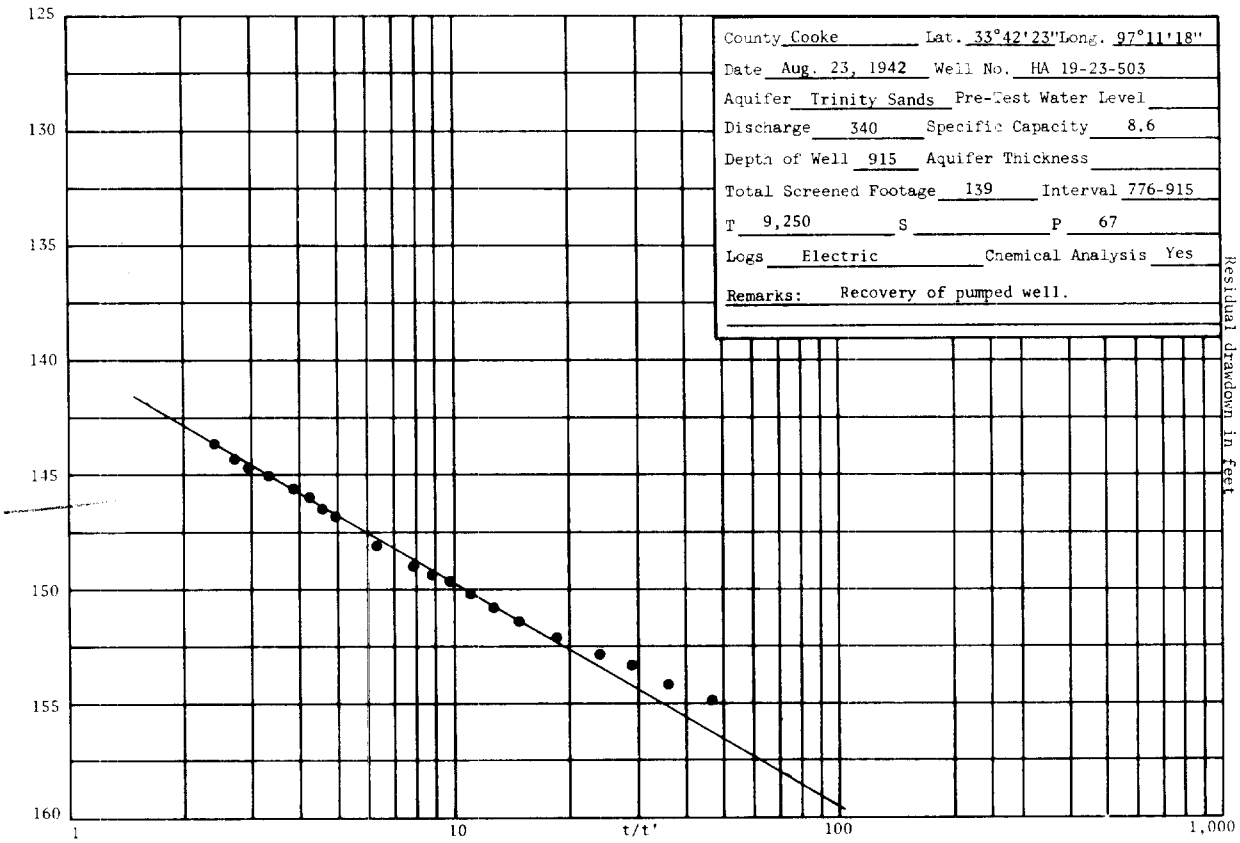

County Comanche Lat. 31°50'10" Long. 98°22'12"
Date Dec. 12, 1966 Well No. DY 41-14-106
Aquifer Trinity Sands Pre-Test Water Level 77.70
Discharge 61 Specific Capacity 0.75 (16 hrs
Depth of Well 182 Aquifer Thickness
Total Screened Footage 25 Interval 155-180
T 3,460 S P 139
Logs Drillers Chemical Analysis No
Remarks: Drawdown in pumped well.
Drawdown in feet
70
72
74
76
78
80
82
84
10
100
t
1,000
10,000

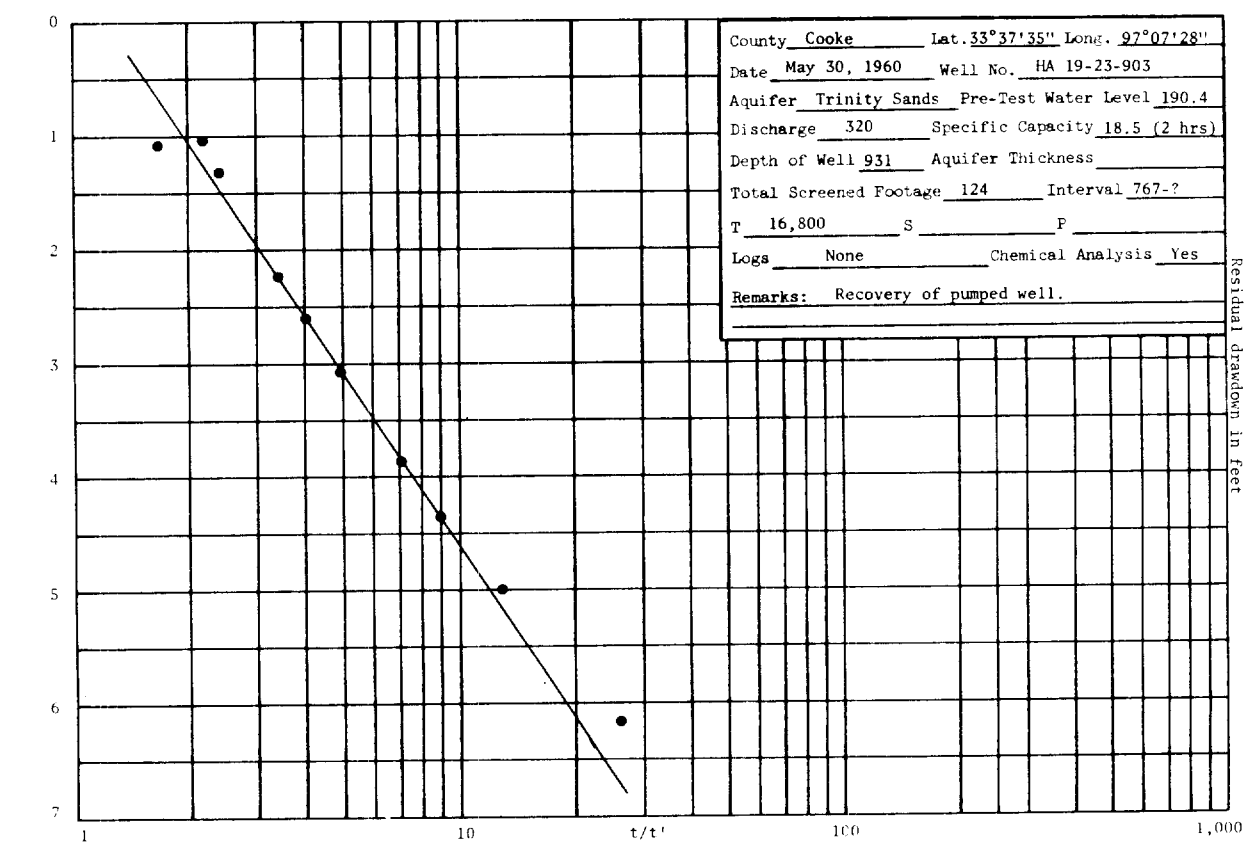


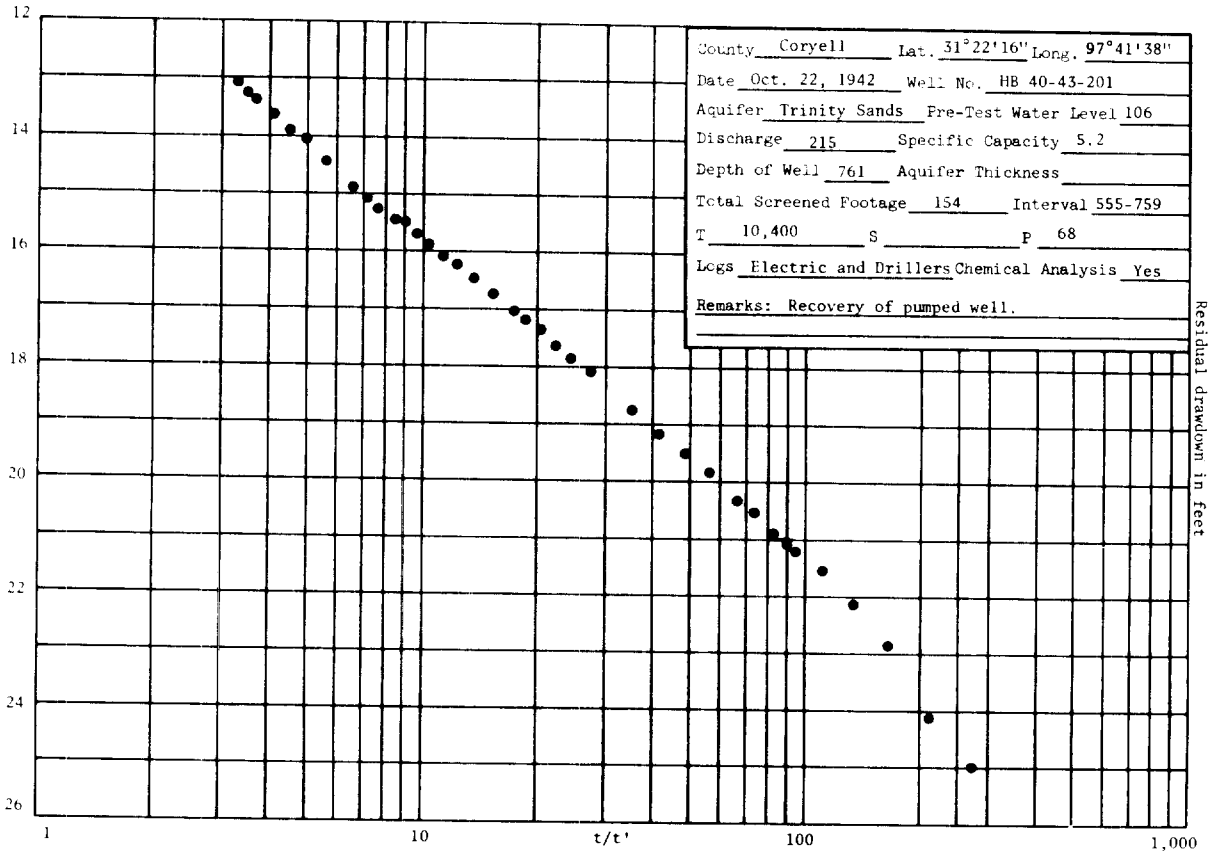
County Comanche Lat. 31°50'11"Long. 98°22'09"
Date Dec. 12, 1966 Well No. DY 41-14-107
Aquifer Trinity Sands Pre-Test Water Level 45.95
Discharge 61 Specific Capacity
Depth of Well 183 Aquifer Thickness
Total Screened Footage 30 Interval 150-180
T 3,200 S .00006 P 107
Logs Drillers Chemical Analysis No
Remarks: Drawdown in observation well.

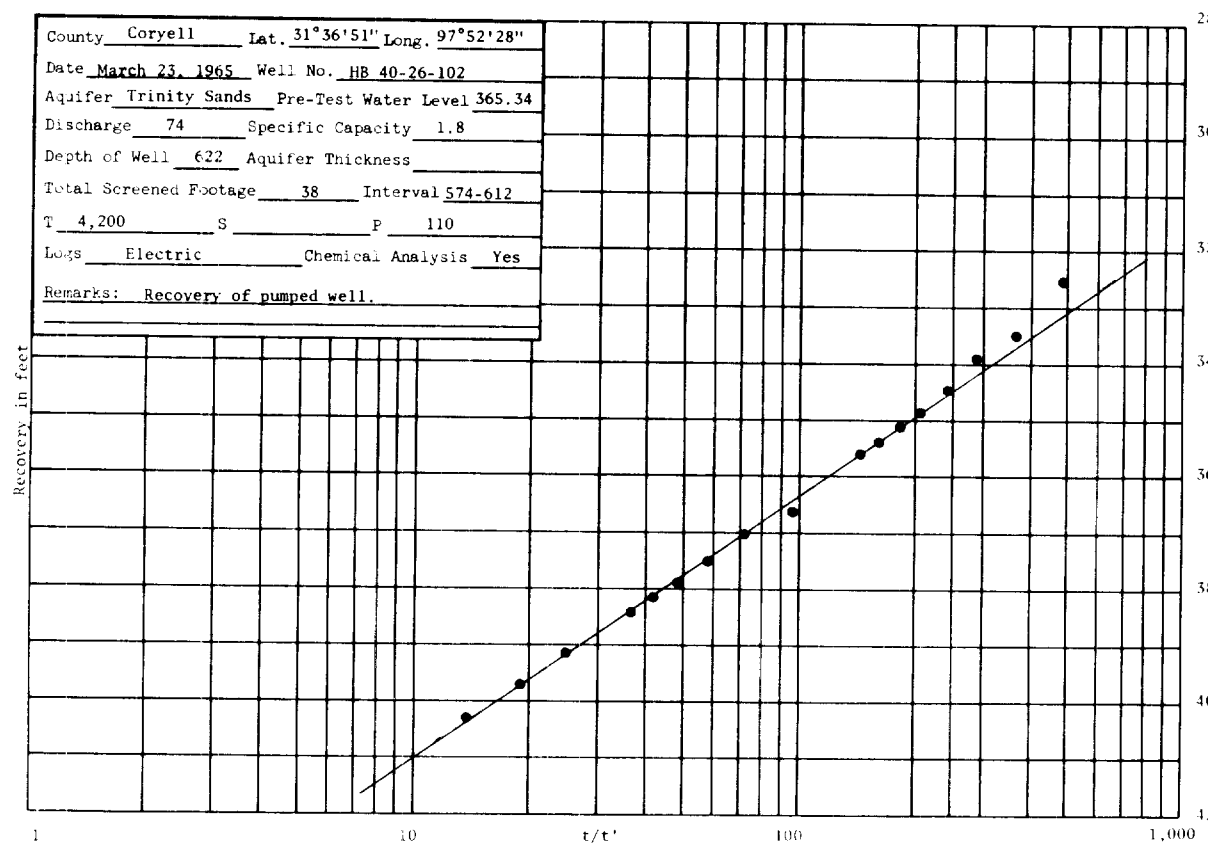


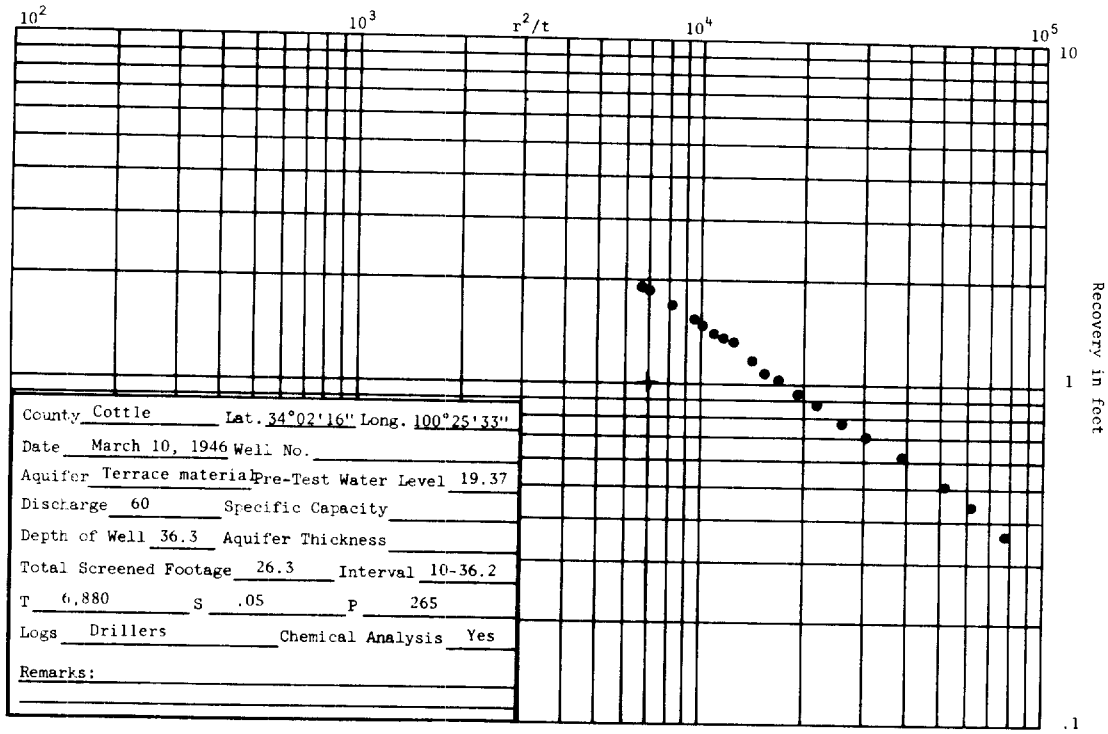
County Cooke Lat. 33°42'21"Long. 97°13'31"
Date Aug. 29, 1942 Well No.
Aquifer Trinity Sands Pre-Test Water Level 249
Discharge 385 Specific Capacity 2.0
Depth of Well 884 Aquifer Thickness
Total Screened Footage Interval
T 5,800 S P
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well.


125
130
135
140
145
150
155
160
1
10
t/t'
100
1,000
Residual drawdown in feet
County Cooke Lat. 33°42'23" Long. 97°11'18"
Date Aug. 23, 1942 Well No. HA 19-23-503
Aquifer Trinity Sands Pre-Test Water Level
Discharge 340 Specific Capacity 8.6
Depth of Well 915 Aquifer Thickness
Total Screened Footage 139 Interval 776-915
T 9,250 S P 67
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

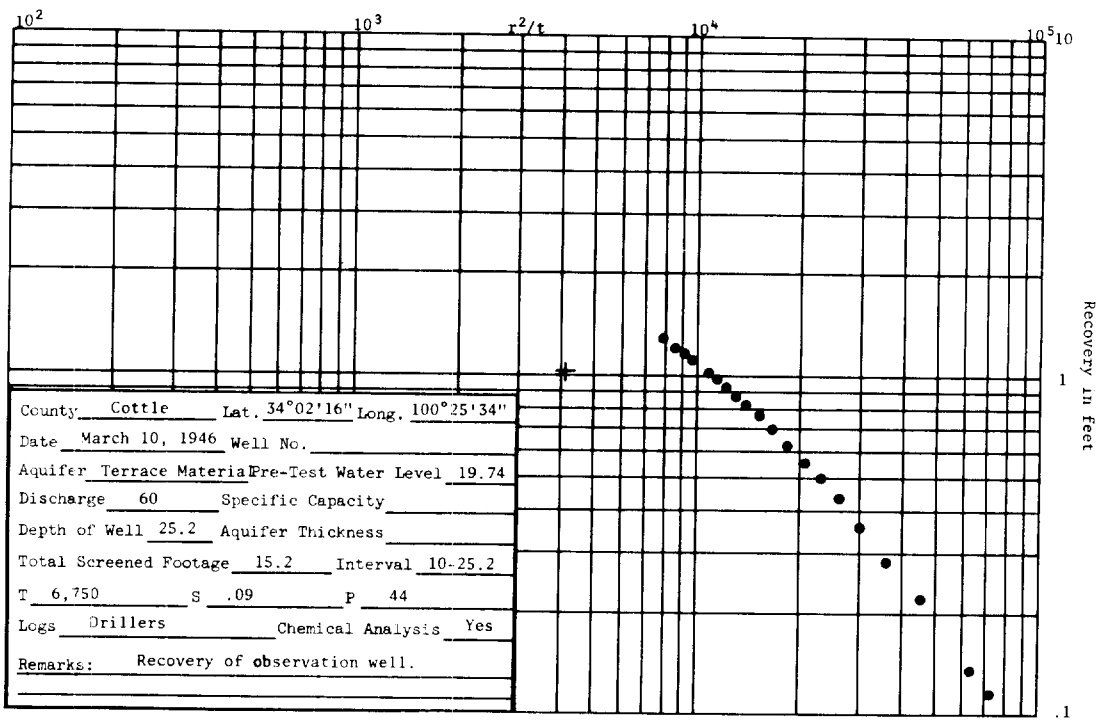

0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet
County Cooke Lat. 33°37'35" Long. 97°07'28"
Date May 30, 1960 Well No. HA 19-23-903
Aquifer Trinity Sands Pre-Test Water Level 190.4
Discharge 320 Specific Capacity 18.5 (2 hrs)
Depth of Well 931 Aquifer Thickness
Total Screened Footage 124 Interval 767-?
T 16,800 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.


County Coryell Lat. 31°22'16" Long. 97°41'38"
Date Oct. 22, 1942 Well No. HB 40-43-201
Aquifer Trinity Sands Pre-Test Water Level 106
Discharge 215 Specific Capacity 5.2
Depth of Well 761 Aquifer Thickness
Total Screened Footage 154 Interval 555-759
T 10,400 S P 68
Logs Electric and Drillers Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
12
14
16
18
20
22
24
26
1
10
t/t'
100
1,000

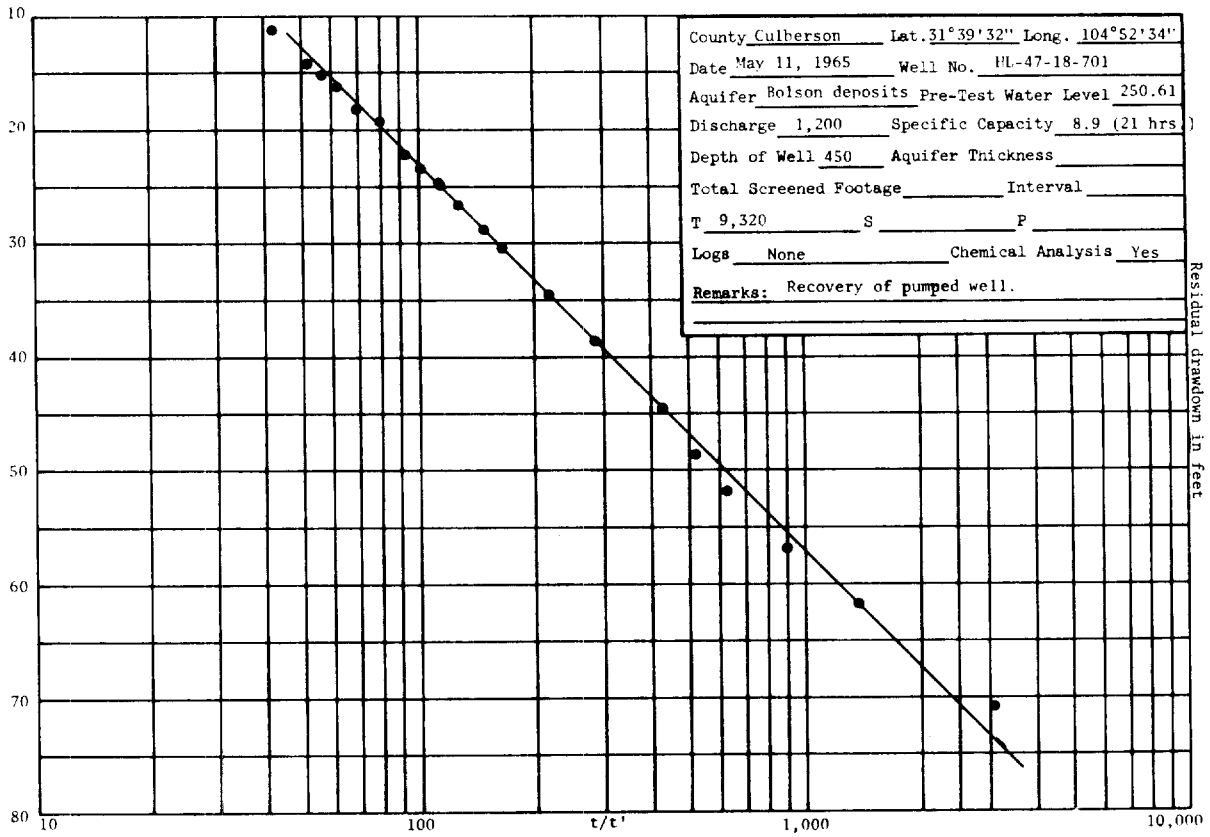

County Coryell Lat. 31°36'51" Long. 97°52'28"
Date March 23, 1965 Well No. HB 40-26-102
Aquifer Trinity Sands Pre-Test Water Level 365.34
Discharge 74 Specific Capacity 1.8
Depth of Well 622 Aquifer Thickness
Total Screened Footage 38 Interval 574-612
T 4,200 S P 110
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
28
30
32
34
36
38
40
42
1
10
t/t'
100
1,000

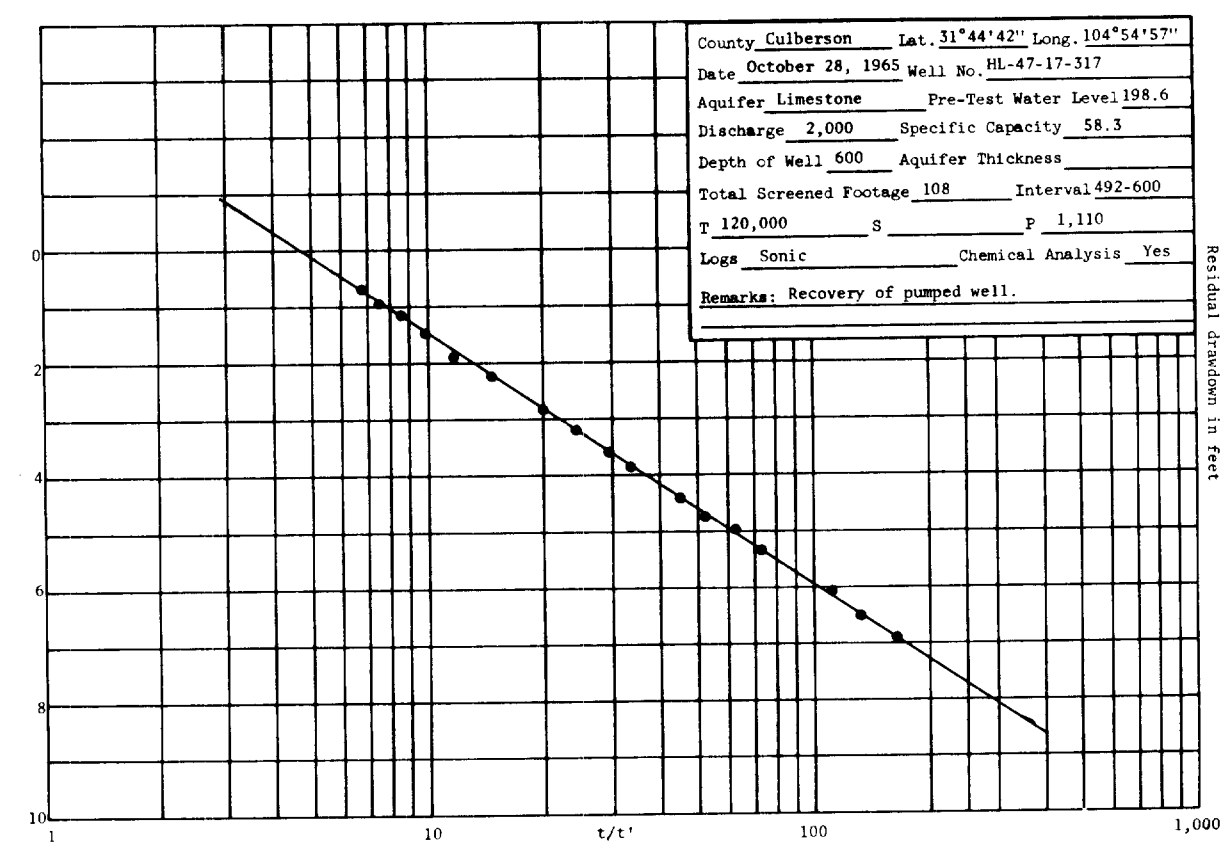


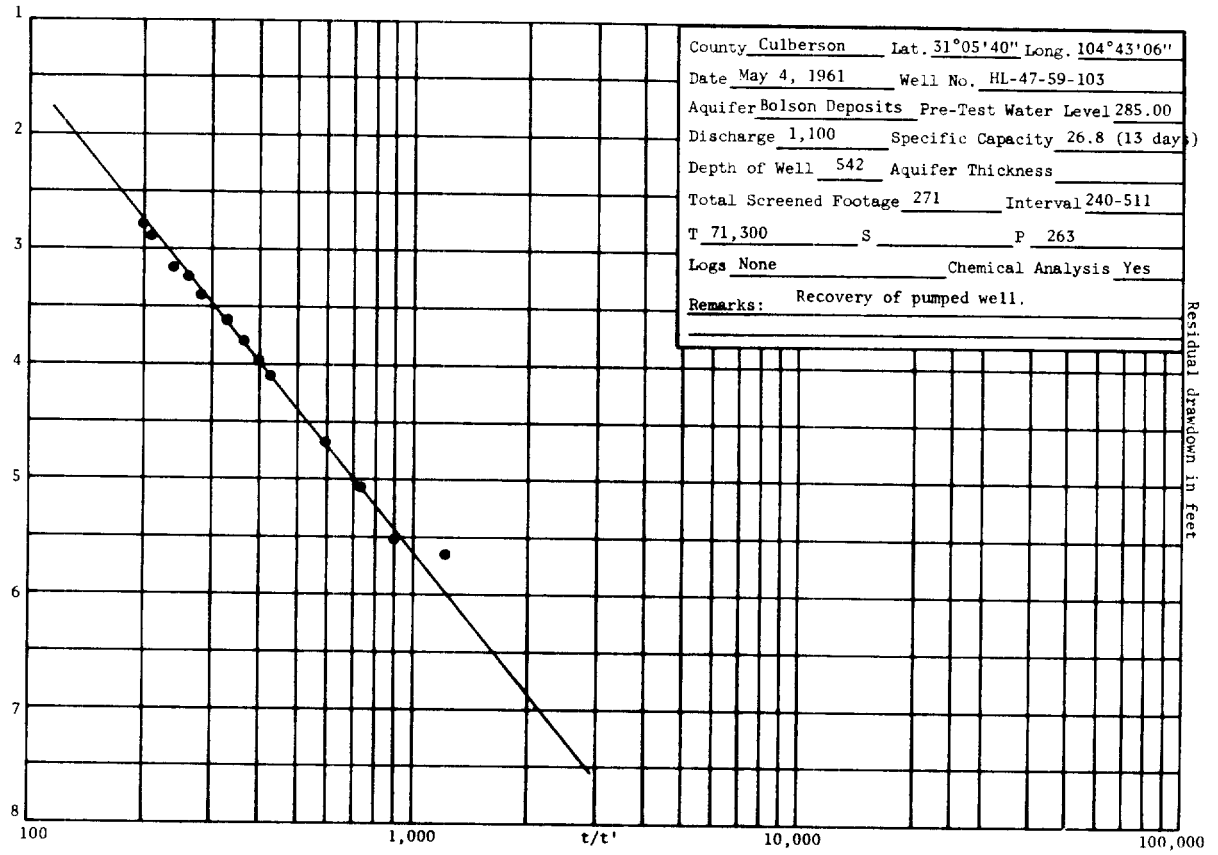
County Cottle Lat. 34°02'16" Long. 100°25'33"
Date March 10, 1946 Well No.
Aquifer Terrace material Pre-Test Water Level 19.37
Discharge 60 Specific Capacity
Depth of Well 36.3 Aquifer Thickness
Total Screened Footage 26.3 Interval 10-36.2
T 6,880 S .05 P 265
Logs Drillers Chemical Analysis Yes
Remarks:

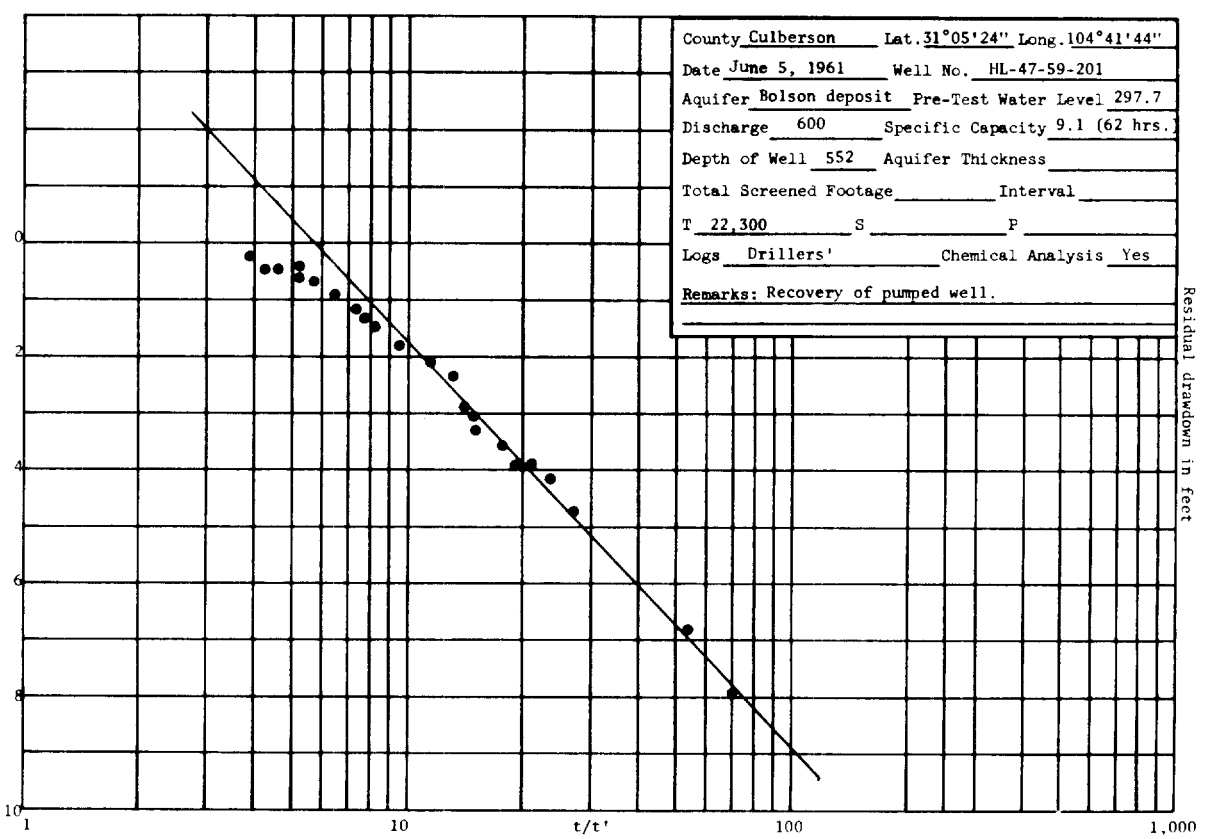


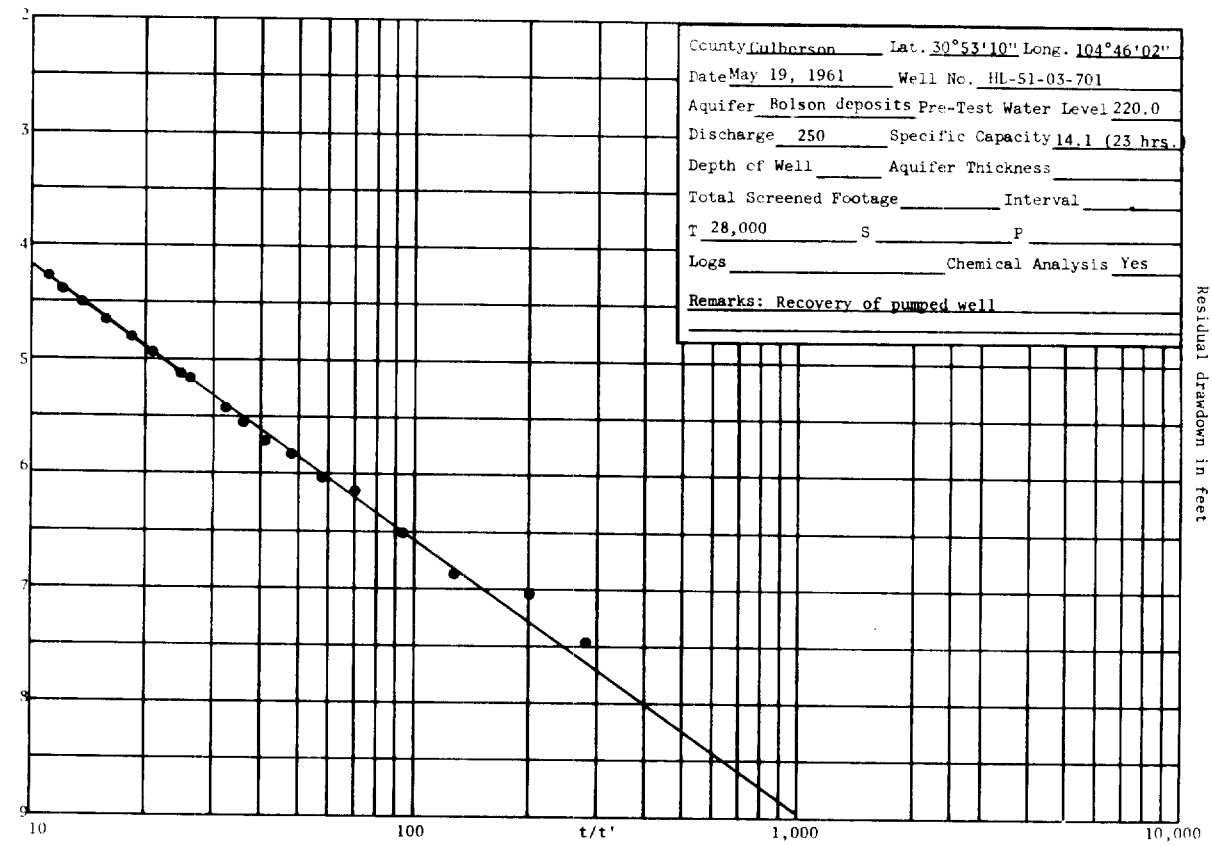
County Cottle Lat. 34°02'16" Long. 100°25'34"
Date March 10, 1946 Well No.
Aquifer Terrace Material Pre-Test Water Level 19.74
Discharge 60 Specific Capacity
Depth of Well 25.2 Aquifer Thickness
Total Screened Footage 15.2 Interval 10-25.2
T 6,750 S .09 P 44
Logs Drillers Chemical Analysis Yes
Remarks: Recovery of observation well.

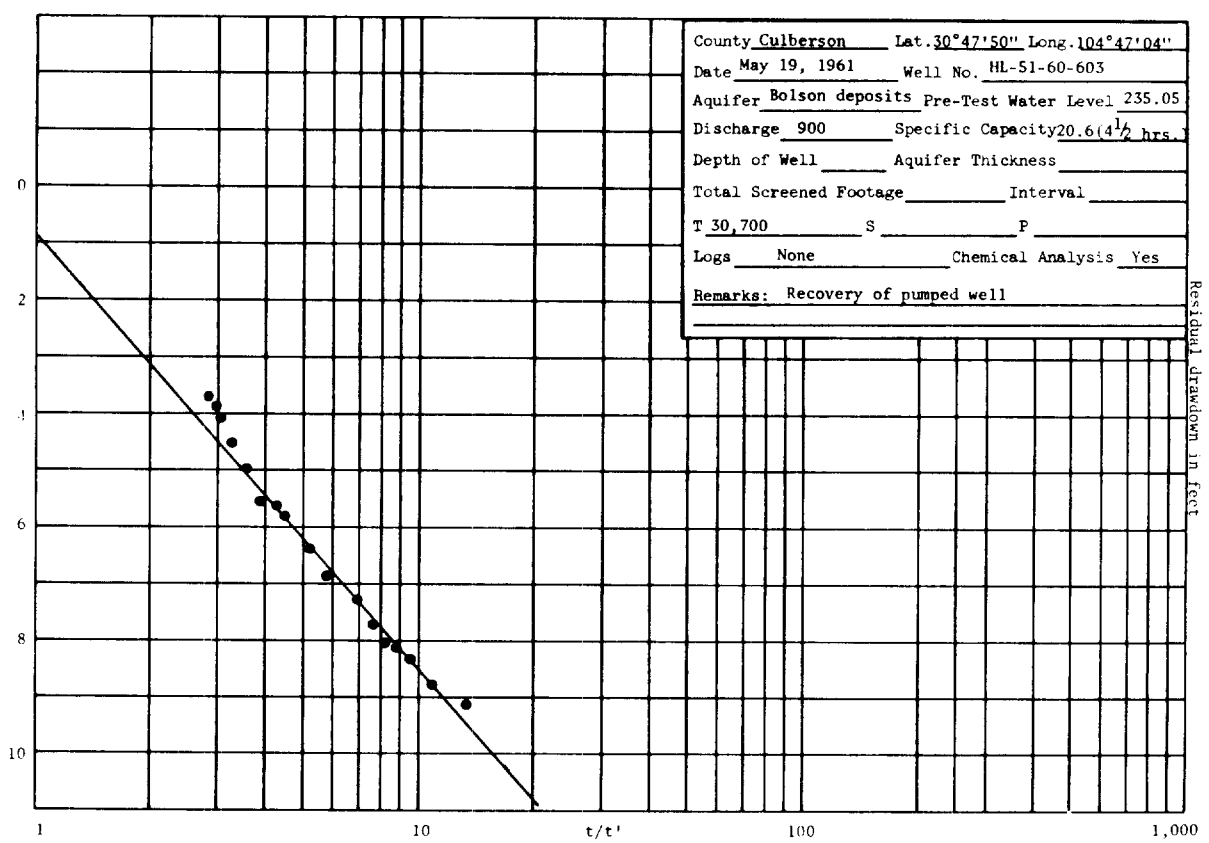

County Culberson Lat. 31°39'32" Long. 104°52'34"
Date May 11, 1965 Well No. HL-47-18-701
Aquifer Bolson deposits Pre-Test Water Level 250.61
Discharge 1,200 Specific Capacity 8.9 (21 hrs.)
Depth of Well 450 Aquifer Thickness
Total Screened Footage Interval
T 9,320 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
10
20
30
40
50
60
70
80
10
100
t/t'
1,000
10,000
Residual drawdown in feet

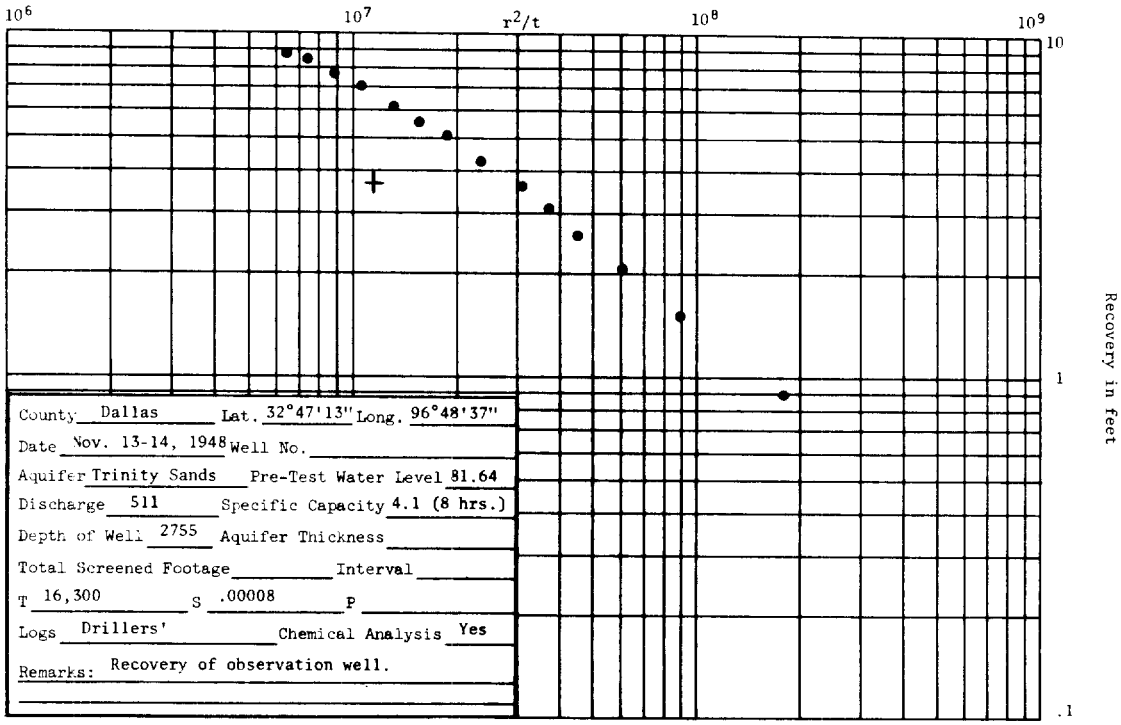

County Culberson Lat. 31°44'42" Long. 104°54'57"
Date October 28, 1965 Well No. HL-47-17-317
Aquifer Limestone Pre-Test Water Level 198.6
Discharge 2,000 Specific Capacity 58.3
Depth of Well 600 Aquifer Thickness
Total Screened Footage 108 Interval 492-600
T 120,000 S P 1,110
Logs Sonic Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
2
4
6
8
10
1
10
t/t'
100
1,000
Residual drawdown in feet


County Culberson Lat. 31°05'40" Long. 104°43'06"
Date May 4, 1961 Well No. HL-47-59-103
Aquifer Bolson Deposits Pre-Test Water Level 285.00
Discharge 1,100 Specific Capacity 26.8 (13 days)
Depth of Well 542 Aquifer Thickness
Total Screened Footage 271 Interval 240-511
T 71,300 S P 263
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
100
1,000
10,000
100,000
1
2
3
4
5
6
7
8

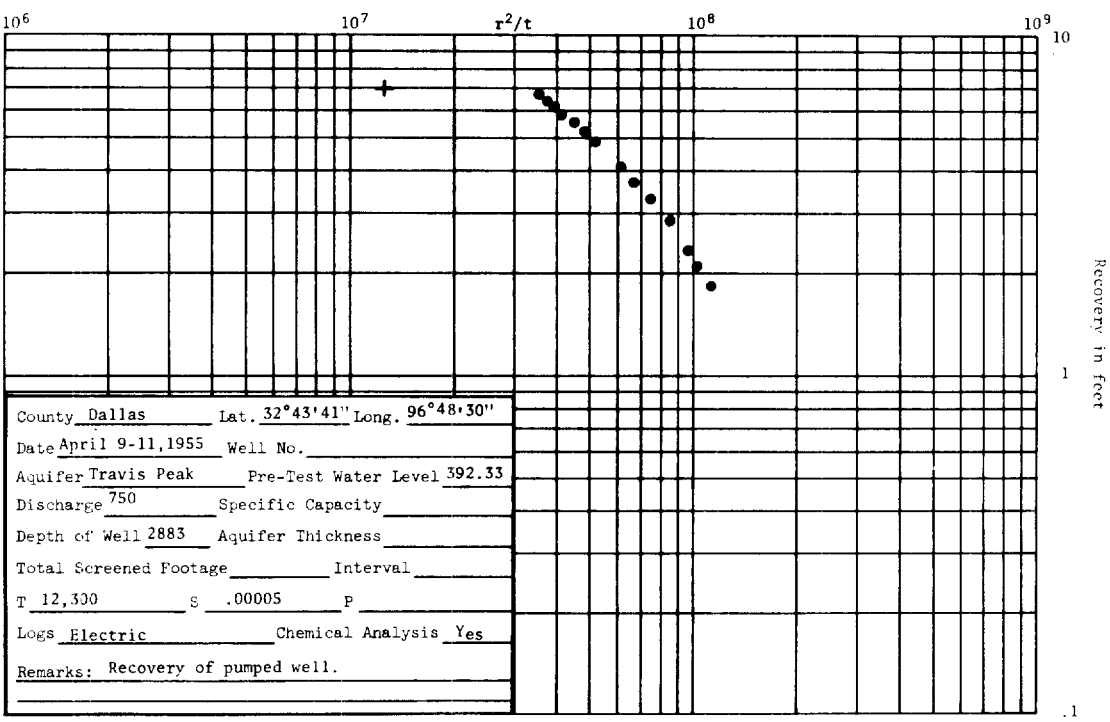

County Culberson Lat. 31°05'24" Long. 104°41'44"
Date June 5, 1961 Well No. HL-47-59-201
Aquifer Bolson deposit Pre-Test Water Level 297.7
Discharge 600 Specific Capacity 9.1 (62 hrs.)
Depth of Well 552 Aquifer Thickness
Total Screened Footage Interval
T 22,300 S P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
1
10
100
1,000
0
2
4
6
8
10


County Culberson Lat. 30°53'10" Long. 104°46'02"
Date May 19, 1961 Well No. HL-51-03-701
Aquifer Bolson deposits Pre-Test Water Level 220.0
Discharge 250 Specific Capacity 14.1 (23 hrs.)
Depth of Well Aquifer Thickness
Total Screened Footage Interval
T 28,000 S P
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well
Residual drawdown in feet
t/t'
10
100
1,000
10,000

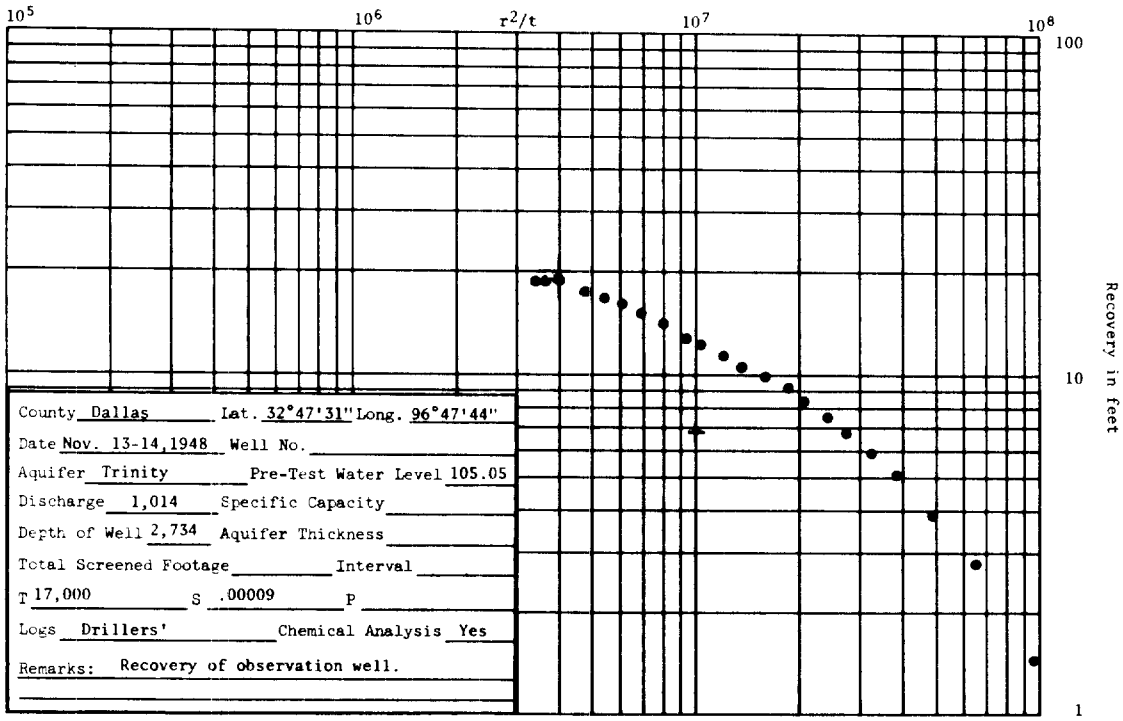

County Culberson Lat. 30°47'50" Long. 104°47'04"
Date May 19, 1961 Well No. HL-51-60-603
Aquifer Bolson deposits Pre-Test Water Level 235.05
Discharge 900 Specific Capacity 20.6 (4½ hrs.)
Depth of Well Aquifer Thickness
Total Screened Footage Interval
T 30,700 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well
Residual drawdown in feet
t/t'
1
10
100
1,000



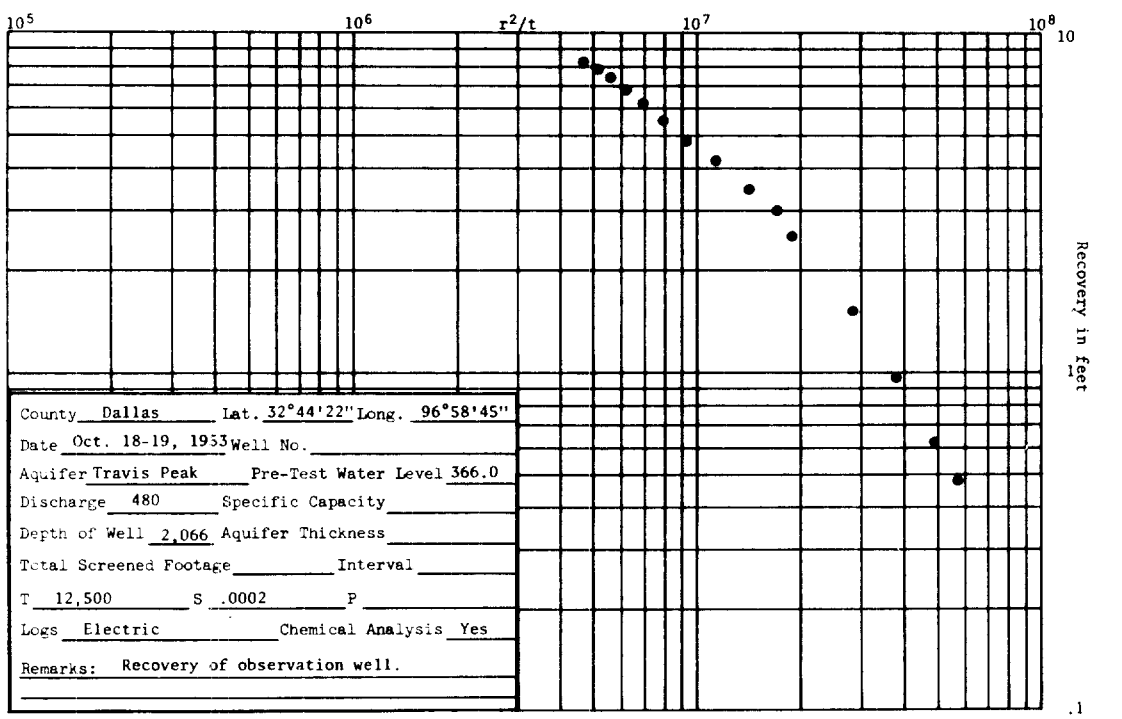
County Dallas Lat. 32°47'13" Long. 96°48'37"
Date Nov. 13-14, 1948 Well No.
Aquifer Trinity Sands Pre-Test Water Level 81.64
Discharge 511 Specific Capacity 4.1 (8 hrs.)
Depth of Well 2755 Aquifer Thickness
Total Screened Footage Interval
T 16,300 S .00008 P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of observation well.



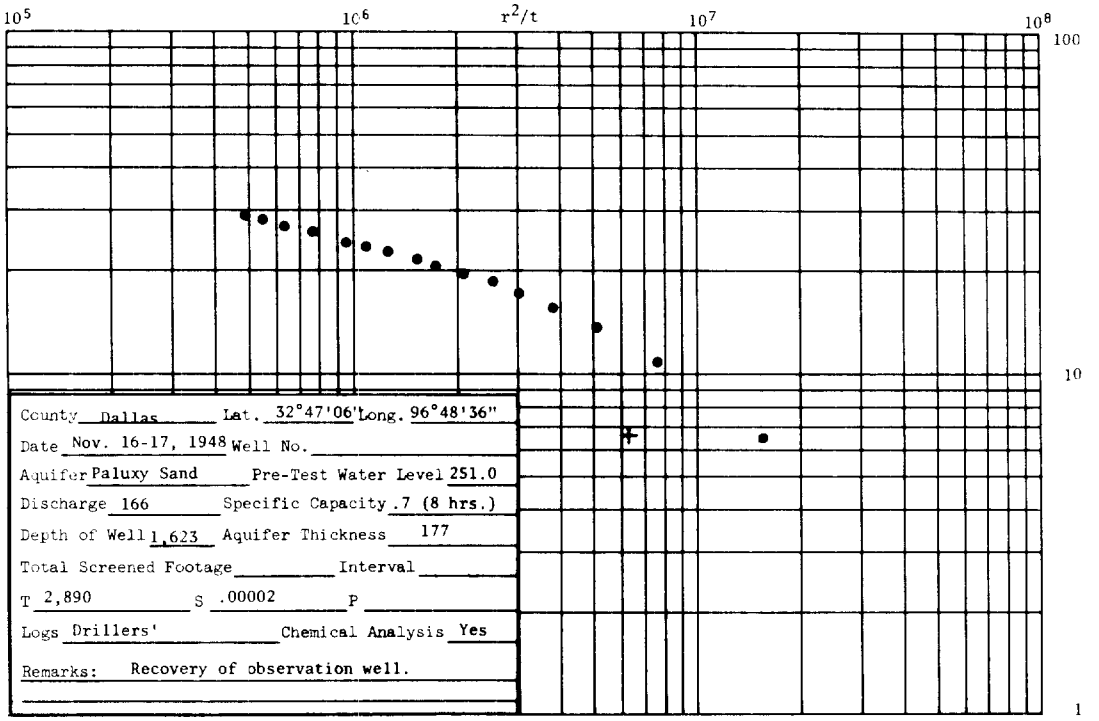
County Dallas Lat. 32°43'41" Long. 96°48'30"
Date April 9-11,1955 Well No.
Aquifer Travis Peak Pre-Test Water Level 392.33
Discharge 750 Specific Capacity
Depth of Well 2883 Aquifer Thickness
Total Screened Footage Interval
T 12,300 S .00005 P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.



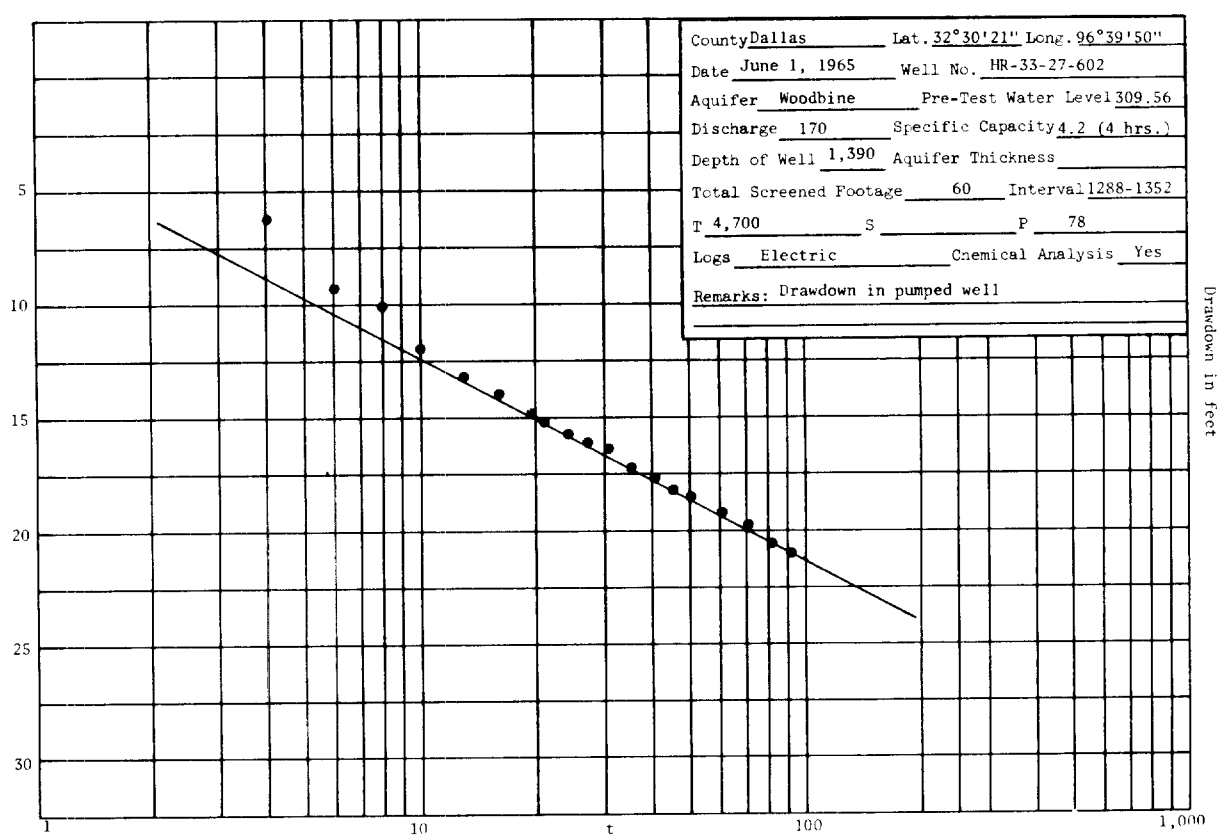
County Dallas Lat. 32°47'31" Long. 96°47'44"
Date Nov. 13-14,1948 Well No.
Aquifer Trinity Pre-Test Water Level 105.05
Discharge 1,014 Specific Capacity
Depth of Well 2,734 Aquifer Thickness
Total Screened Footage Interval
T 17,000 S .00009 P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of observation well.



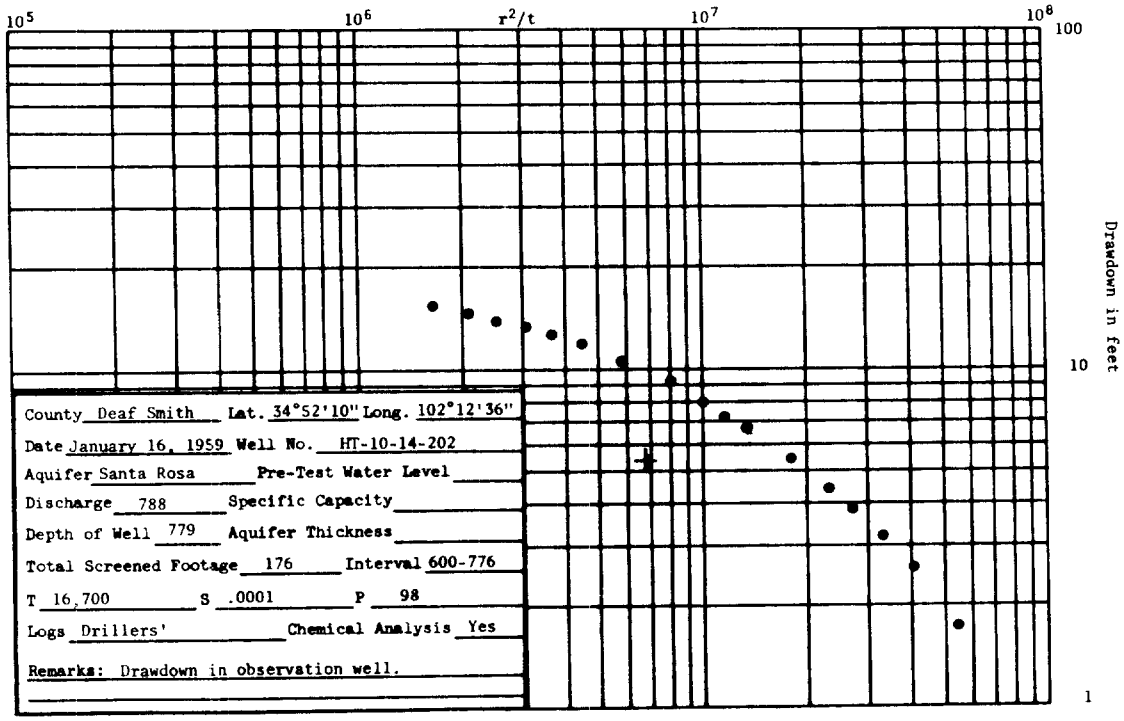
County Dallas Lat. 32°44'22" Long. 96°58'45"
Date Oct. 18-19, 1953 Well No.
Aquifer Travis Peak Pre-Test Water Level 366.0
Discharge 480 Specific Capacity
Depth of Well 2,066 Aquifer Thickness
Total Screened Footage Interval
T 12,500 S .0002 P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.



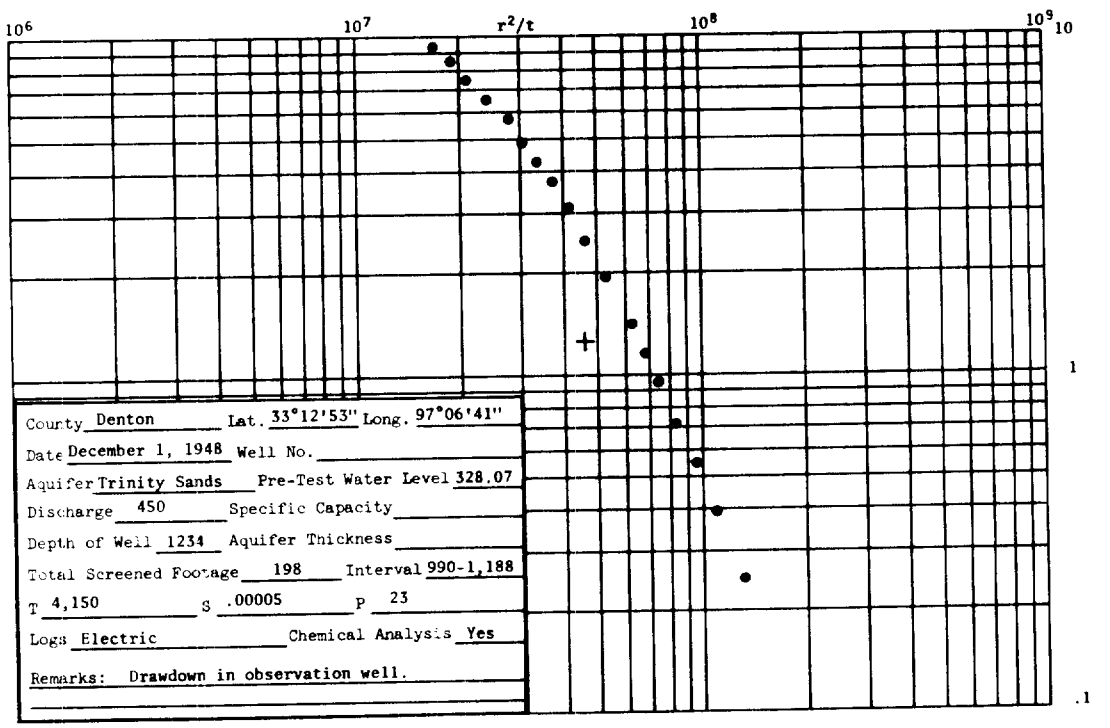
County Dallas Lat. 32°47'06" Long. 96°48'36"
Date Nov. 16-17, 1948 Well No.
Aquifer Paluxy Sand Pre-Test Water Level 251.0
Discharge 166 Specific Capacity .7 (8 hrs.)
Depth of Well 1,623 Aquifer Thickness 177
Total Screened Footage Interval
T 2,890 S .00002 P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of observation well.



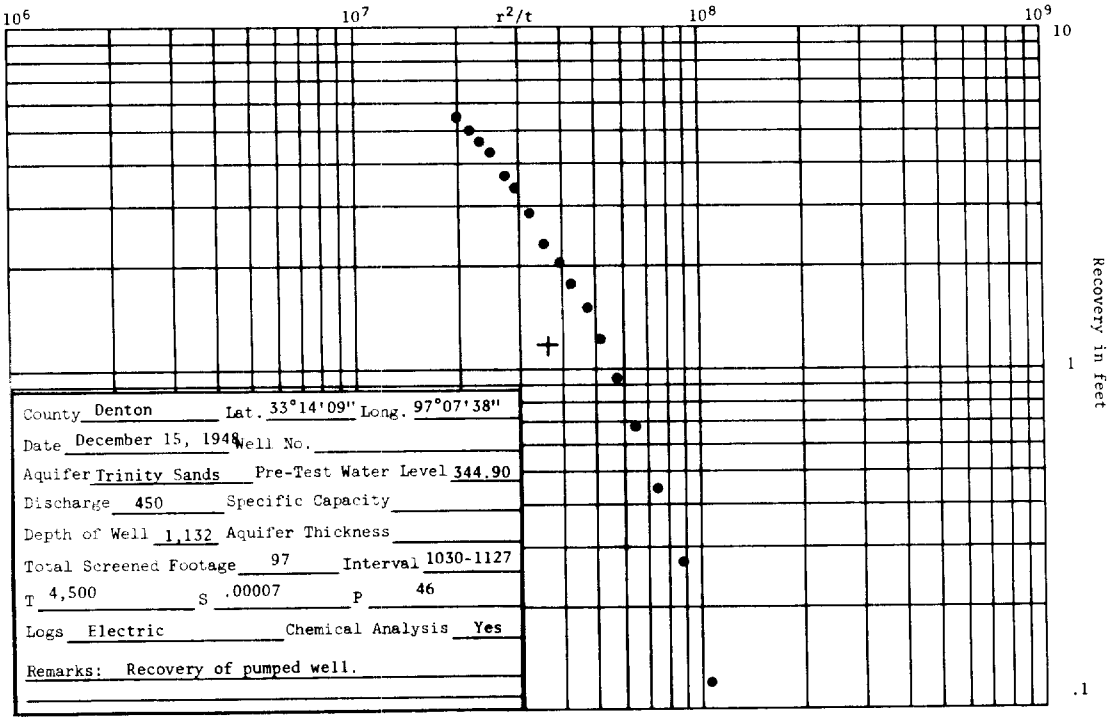
County Dallas Lat. 32°30'21" Long. 96°39'50"
Date June 1, 1965 Well No. HR-33-27-602
Aquifer Woodbine Pre-Test Water Level 309.56
Discharge 170 Specific Capacity 4.2 (4 hrs.)
Depth of Well 1,390 Aquifer Thickness
Total Screened Footage 60 Interval 1288-1352
T 4,700 S P 78
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well



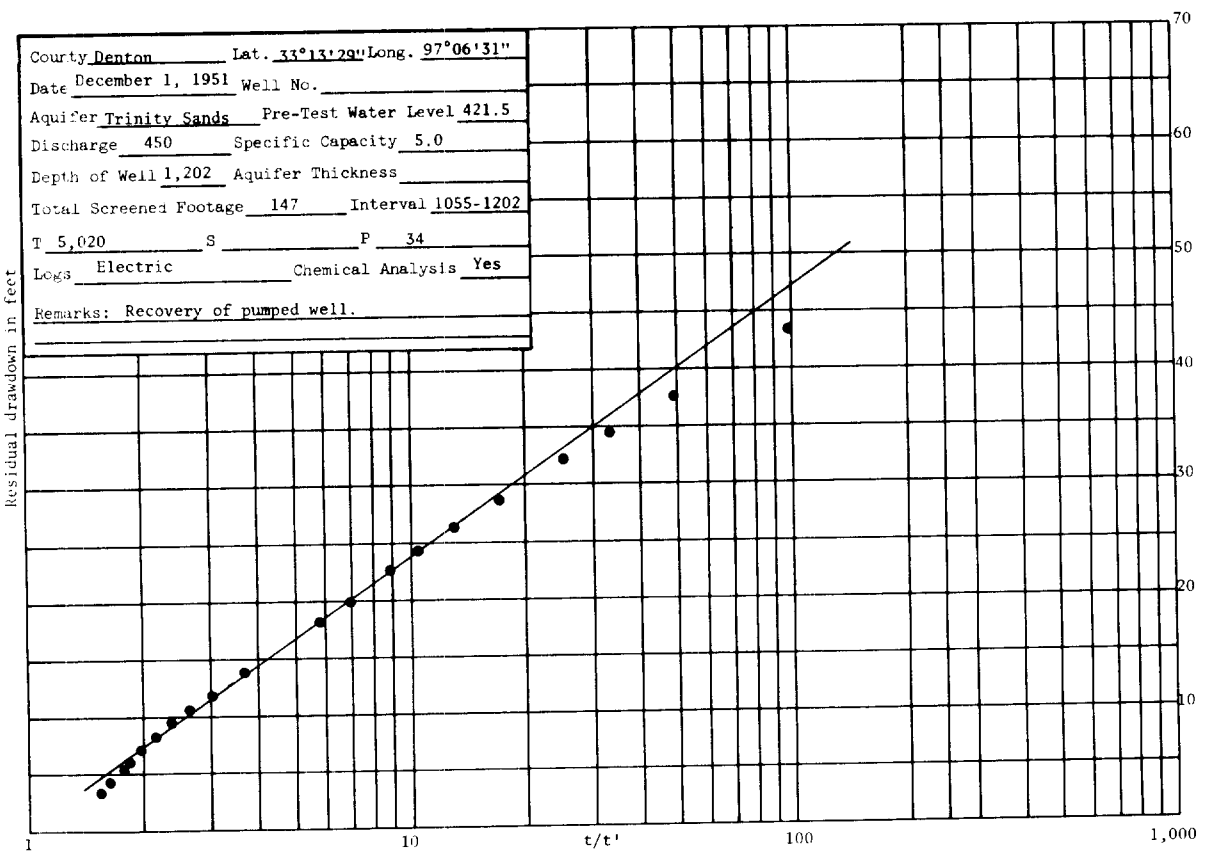
County Deaf Smith Lat. 34°52'10" Long. 102°12'36"
Date January 16, 1959 Well No. HT-10-14-202
Aquifer Santa Rosa Pre-Test Water Level
Discharge 788 Specific Capacity
Depth of Well 779 Aquifer Thickness
Total Screened Footage 176 Interval 600-776
T 16,700 S .0001 P 98
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well.



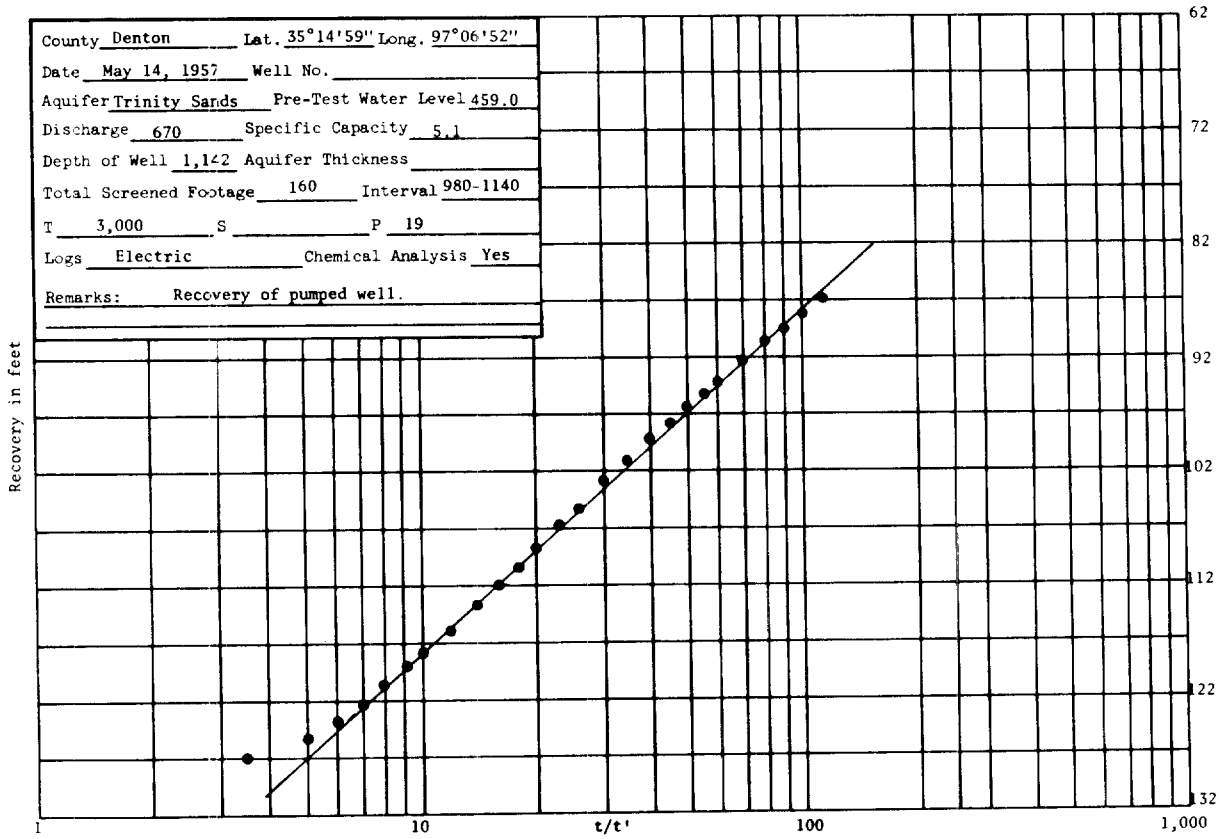
County Denton Lat. 33°12'53" Long. 97°06'41"
Date December 1, 1948 Well No.
Aquifer Trinity Sands Pre-Test Water Level 328.07
Discharge 450 Specific Capacity
Depth of Well 1234 Aquifer Thickness
Total Screened Footage 198 Interval 990-1,188
T 4,150 S .00005 P 23
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

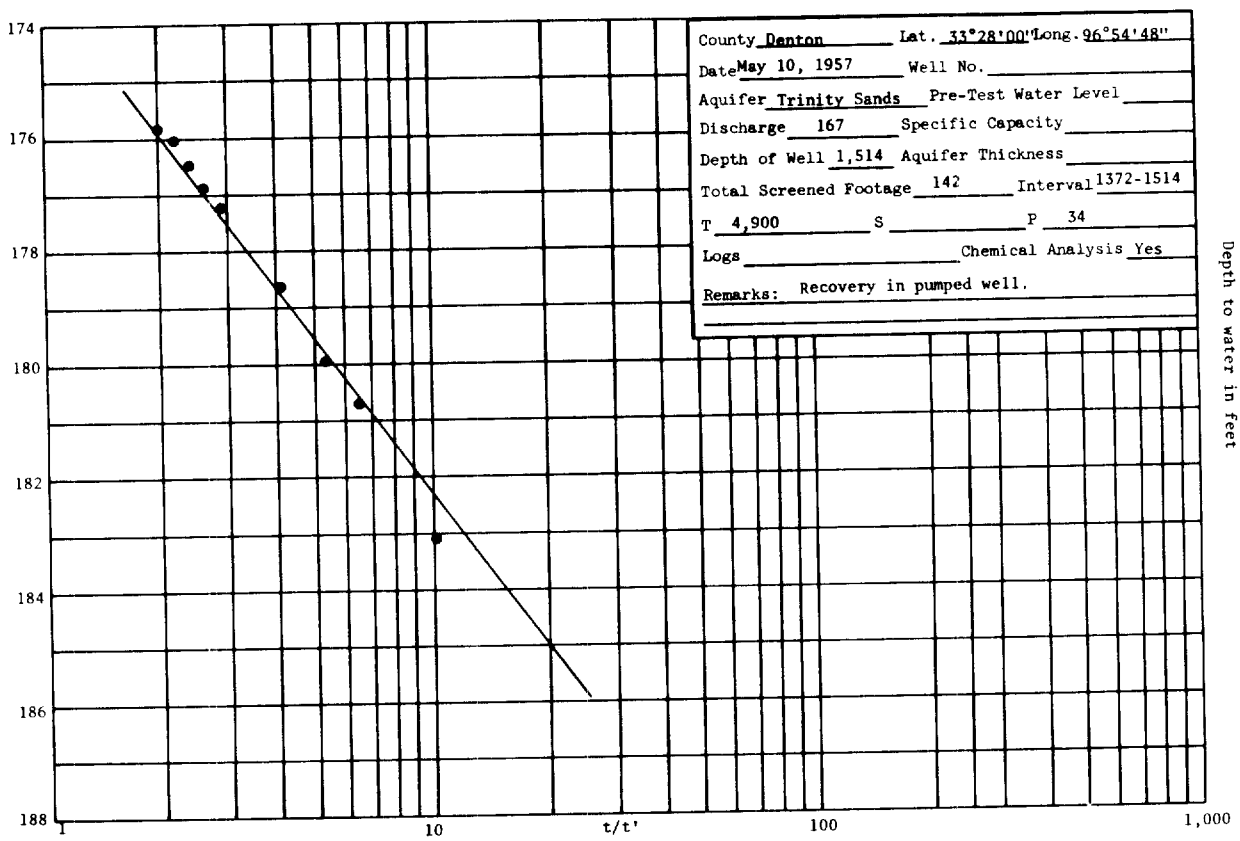


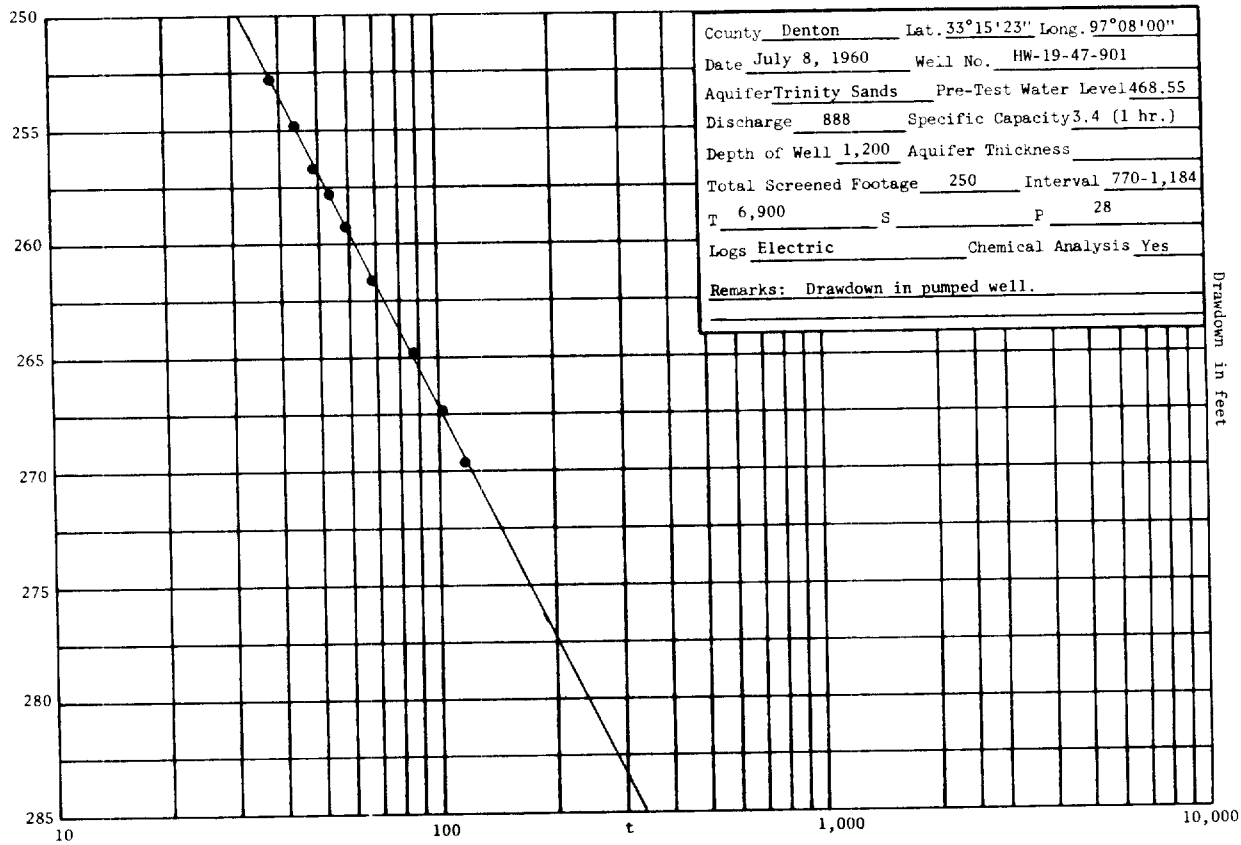
County Denton Lat. 33°14'09" Long. 97°07'38"
Date December 15, 1948 Well No.
Aquifer Trinity Sands Pre-Test Water Level 344.90
Discharge 450 Specific Capacity
Depth of Well 1,132 Aquifer Thickness
Total Screened Footage 97 Interval 1030-1127
T 4,500 S .00007 P 46
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

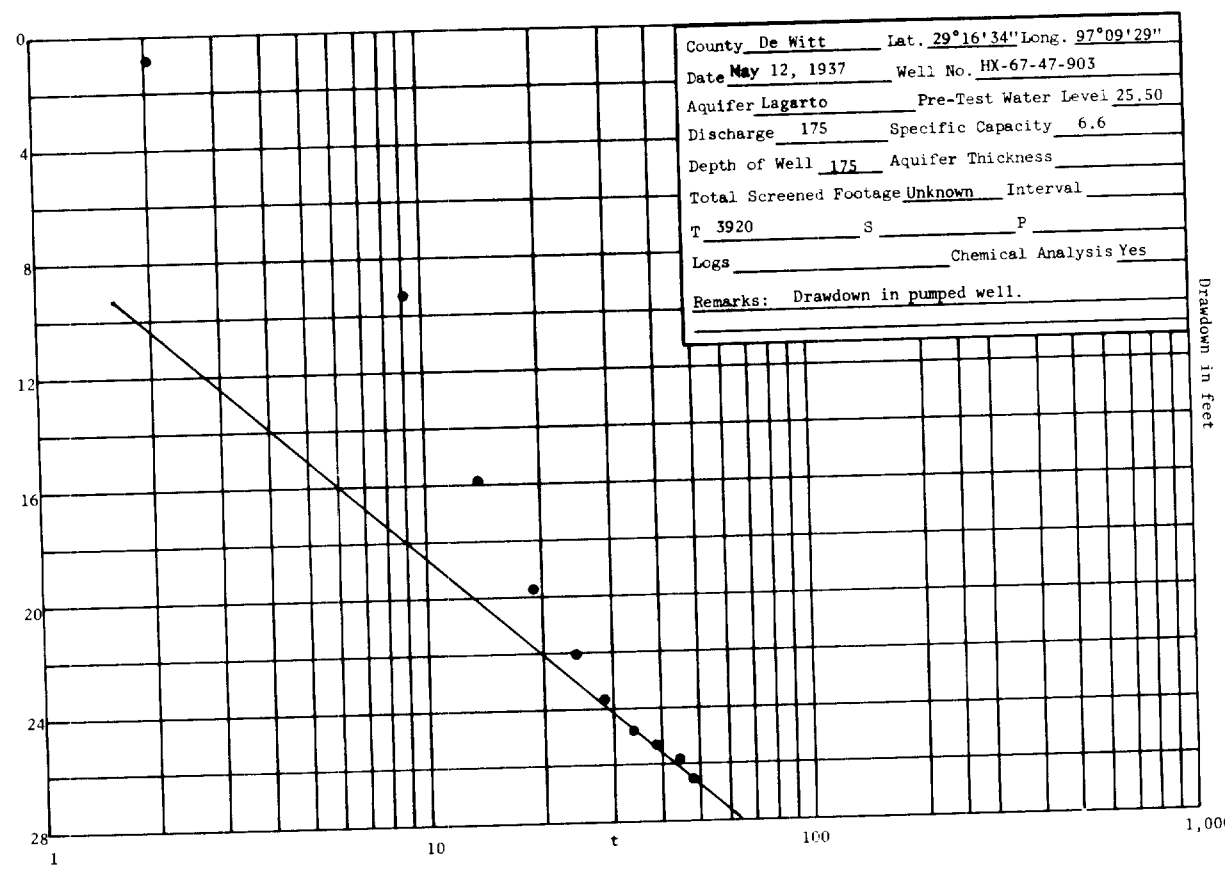


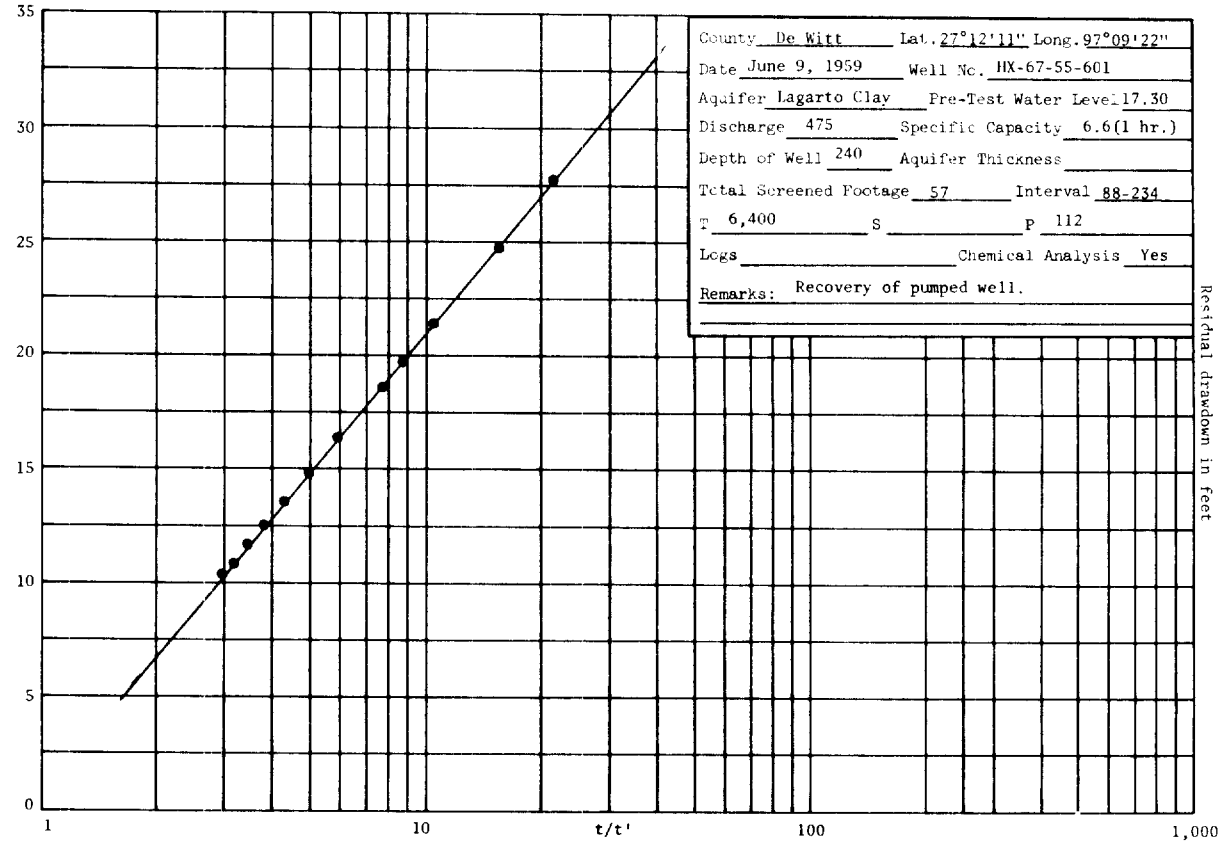
County Denton Lat. 33°13'29" Long. 97°06'31"
Date December 1, 1951 Well No.
Aquifer Trinity Sands Pre-Test Water Level 421.5
Discharge 450 Specific Capacity 5.0
Depth of Well 1,202 Aquifer Thickness
Total Screened Footage 147 Interval 1055-1202
T 5,020 S P 34
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.


County Denton Lat. 35°14'59" Long. 97°06'52"
Date May 14, 1957 Well No.
Aquifer Trinity Sands Pre-Test Water Level 459.0
Discharge 670 Specific Capacity 5.1
Depth of Well 1,142 Aquifer Thickness
Total Screened Footage 160 Interval 980-1140
T 3,000 S P 19
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
62
72
82
92
102
112
122
132
1
10
t/t'
100
1,000

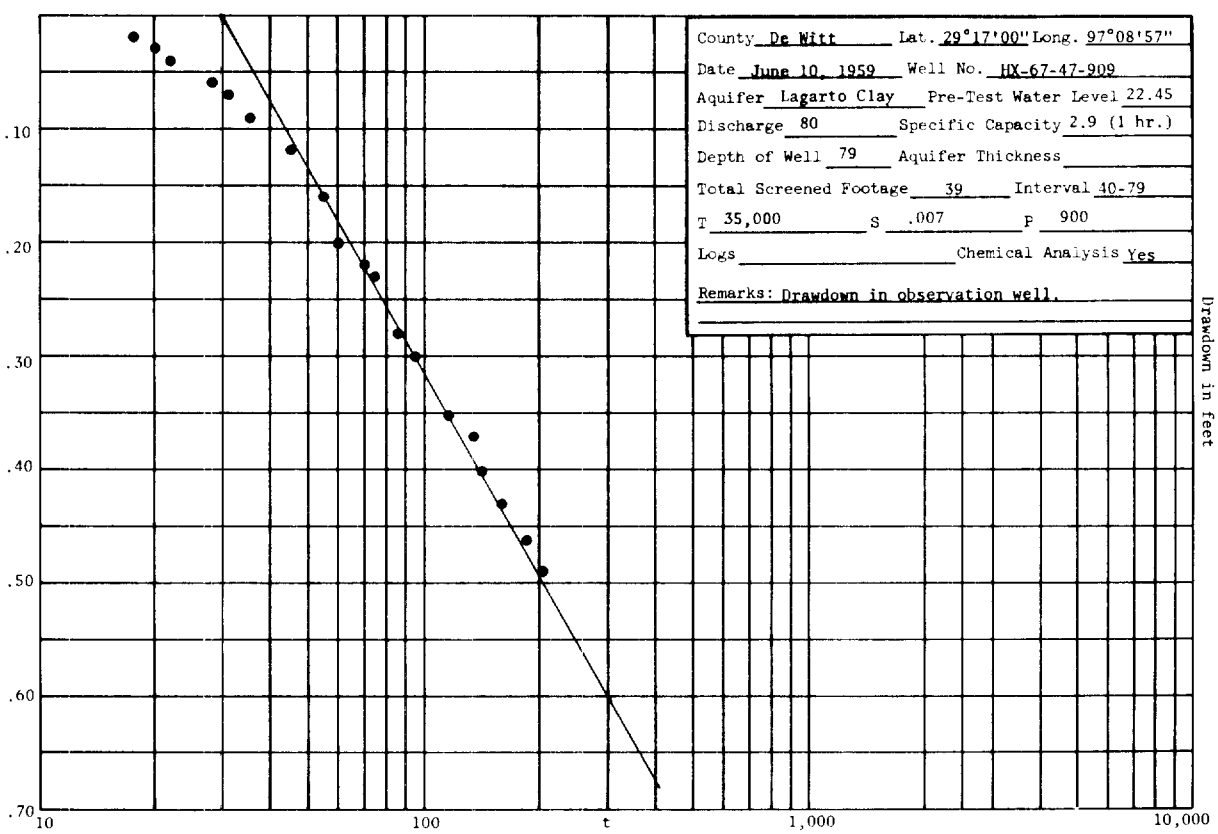

County Denton Lat. 33°28'00" Long. 96°54'48"
Date May 10, 1957 Well No.
Aquifer Trinity Sands Pre-Test Water Level
Discharge 167 Specific Capacity
Depth of Well 1,514 Aquifer Thickness
Total Screened Footage 142 Interval 1372-1514
T 4,900 S P 34
Logs Chemical Analysis Yes
Remarks: Recovery in pumped well.
Depth to water in feet
174
176
178
180
182
184
186
188
1
10
t/t'
100
1,000


County Denton Lat. 33°15'23" Long. 97°08'00"
Date July 8, 1960 Well No. HW-19-47-901
Aquifer Trinity Sands Pre-Test Water Level 468.55
Discharge 888 Specific Capacity 3.4 (1 hr.)
Depth of Well 1,200 Aquifer Thickness
Total Screened Footage 250 Interval 770-1,184
T 6,900 S P 28
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
250
255
260
265
270
275
280
285
10
100
t
1,000
10,000
Drawdown in feet

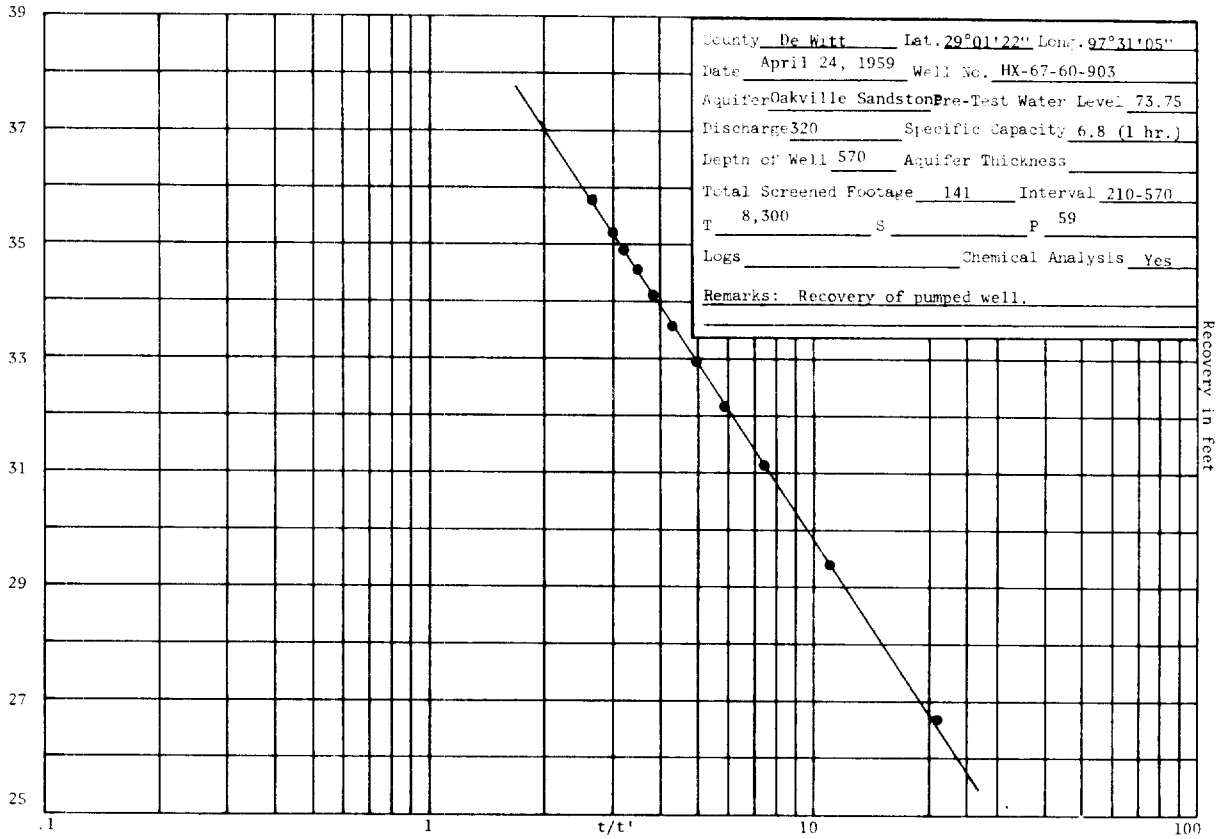

County De Witt Lat. 29°16'34" Long. 97°09'29"
Date May 12, 1937 Well No. HX-67-47-903
Aquifer Lagarto Pre-Test Water Level 25.50
Discharge 175 Specific Capacity 6.6
Depth of Well 175 Aquifer Thickness
Total Screened Footage Unknown Interval
T 3920 S P
Logs Chemical Analysis Yes
Remarks: Drawdown in pumped well.
0
4
8
12
16
20
24
28
1
10
t
100
1,000
Drawdown in feet

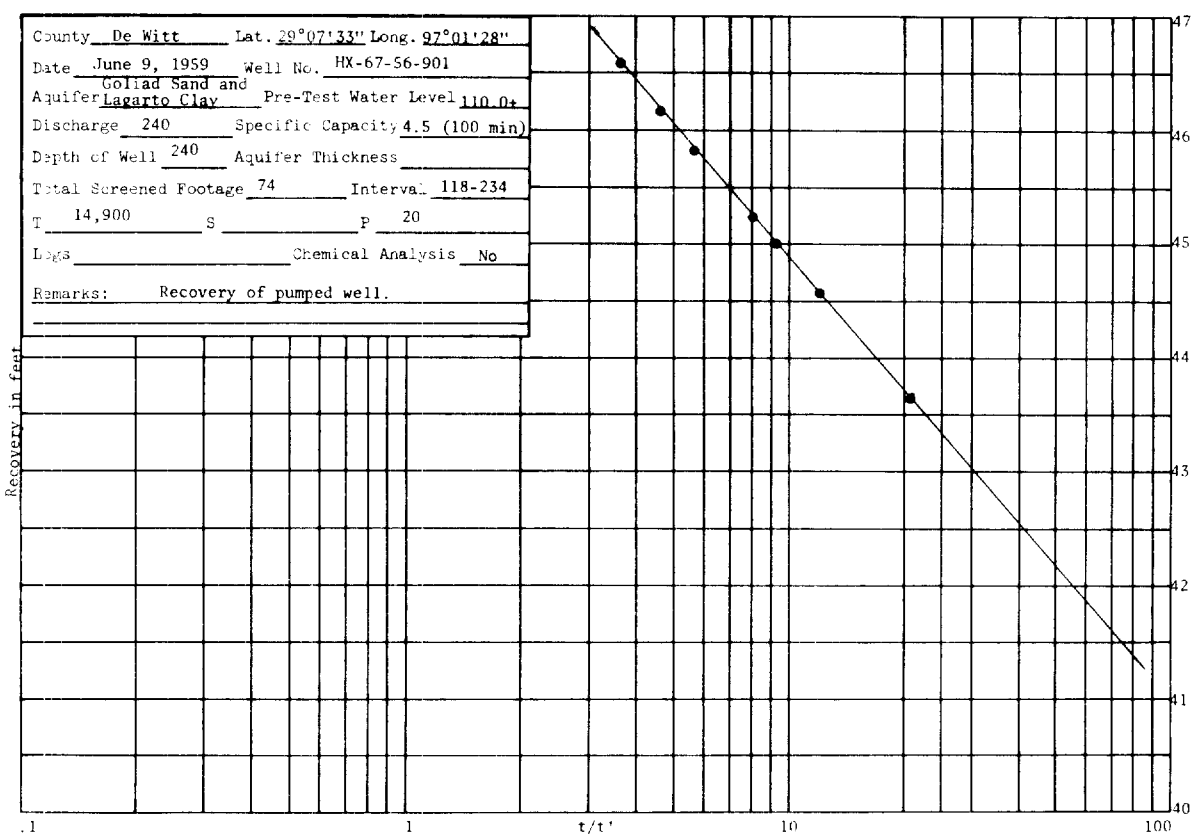


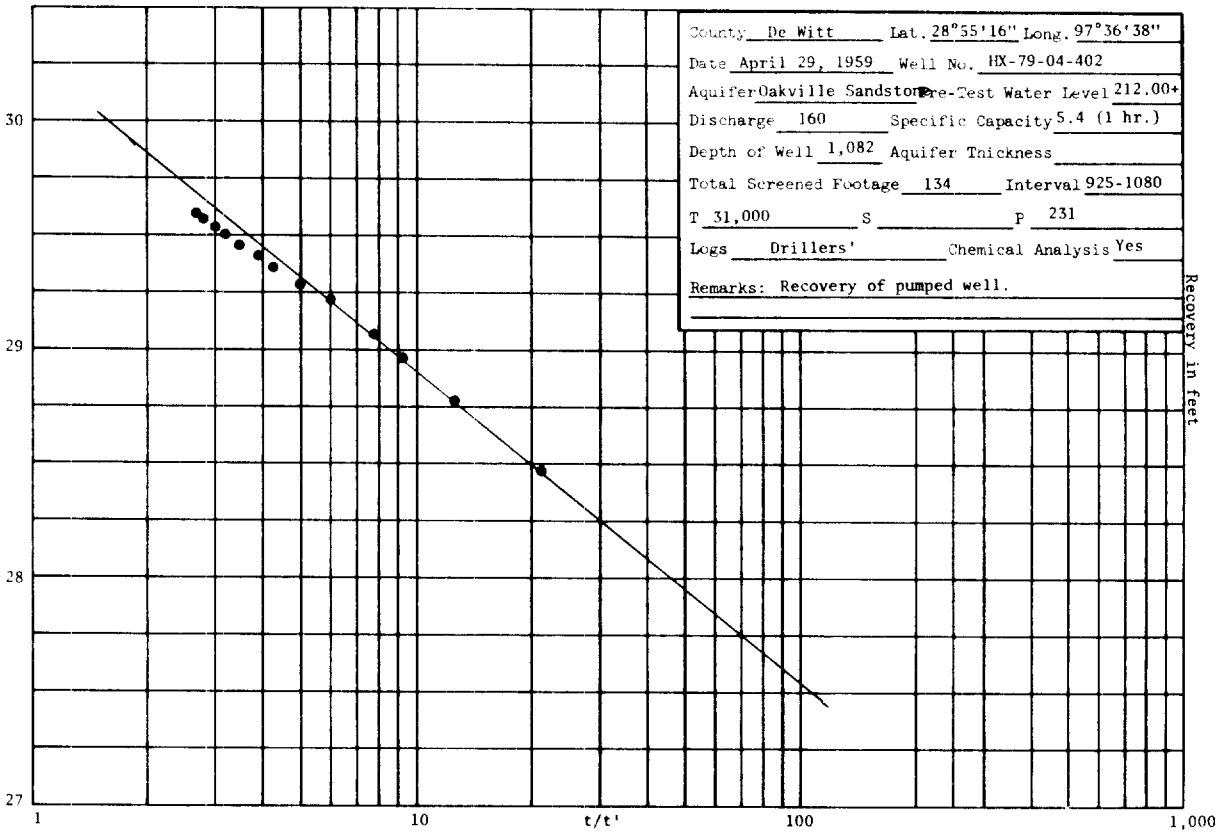
County De Witt Lat. 27°12'11" Long. 97°09'22"
Date June 9, 1959 Well No. HX-67-55-601
Aquifer Lagarto Clay Pre-Test Water Level 17.30
Discharge 475 Specific Capacity 6.6(1 hr.)
Depth of Well 240 Aquifer Thickness
Total Screened Footage 57 Interval 88-234
T 6,400 S P 112
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.

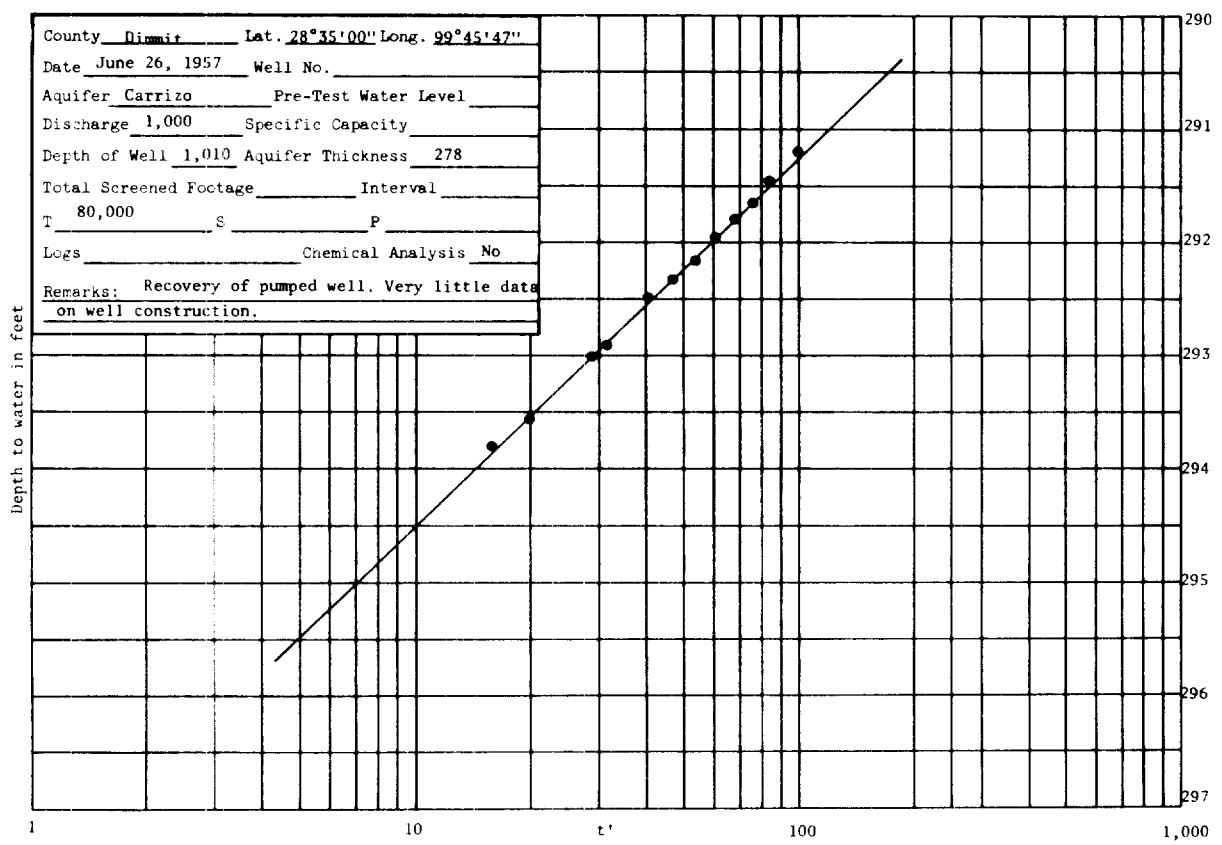


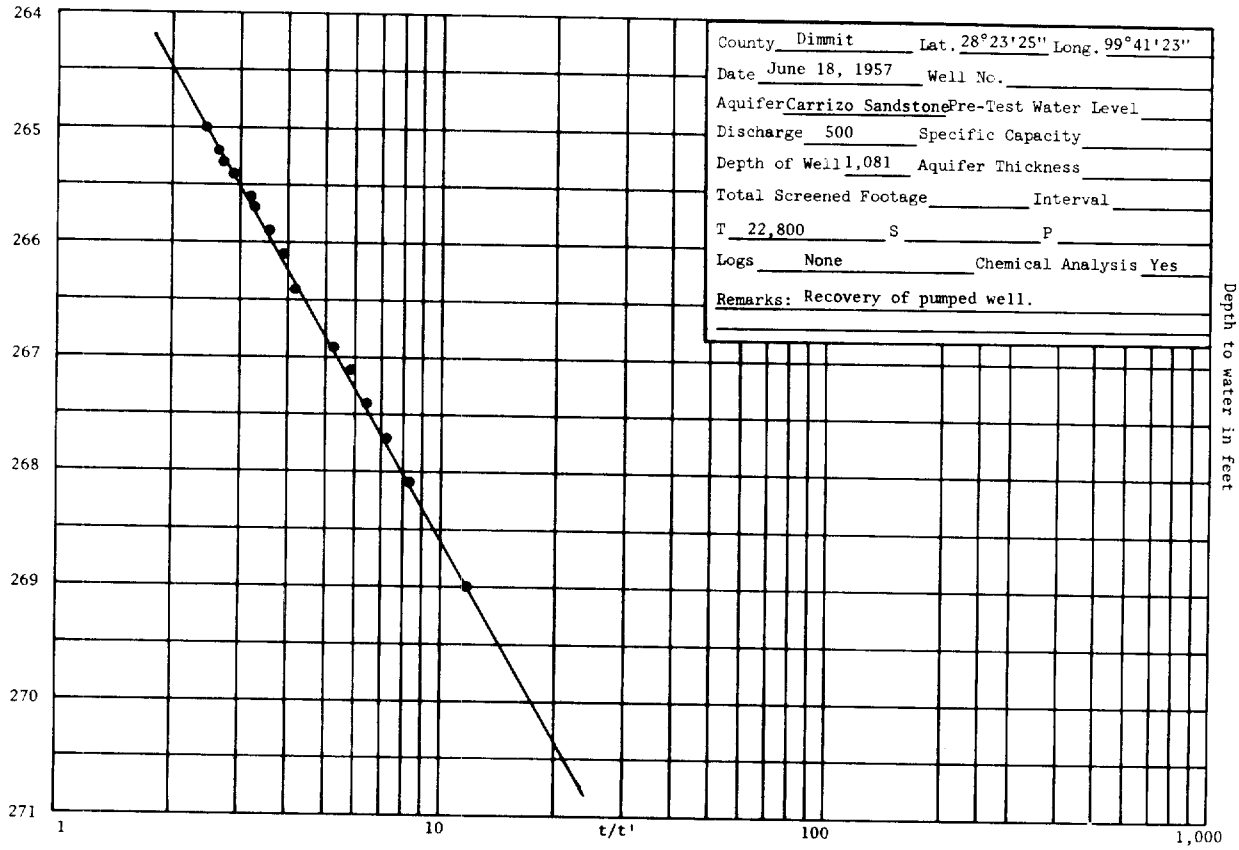
County De Witt Lat. 29°17'00" Long. 97°08'57"
Date June 10, 1959 Well No. HX-67-47-909
Aquifer Lagarto Clay Pre-Test Water Level 22.45
Discharge 80 Specific Capacity 2.9 (1 hr.)
Depth of Well 79 Aquifer Thickness
Total Screened Footage 39 Interval 40-79
T 35,000 S .007 P 900
Logs Chemical Analysis Yes
Remarks: Drawdown in observation well.

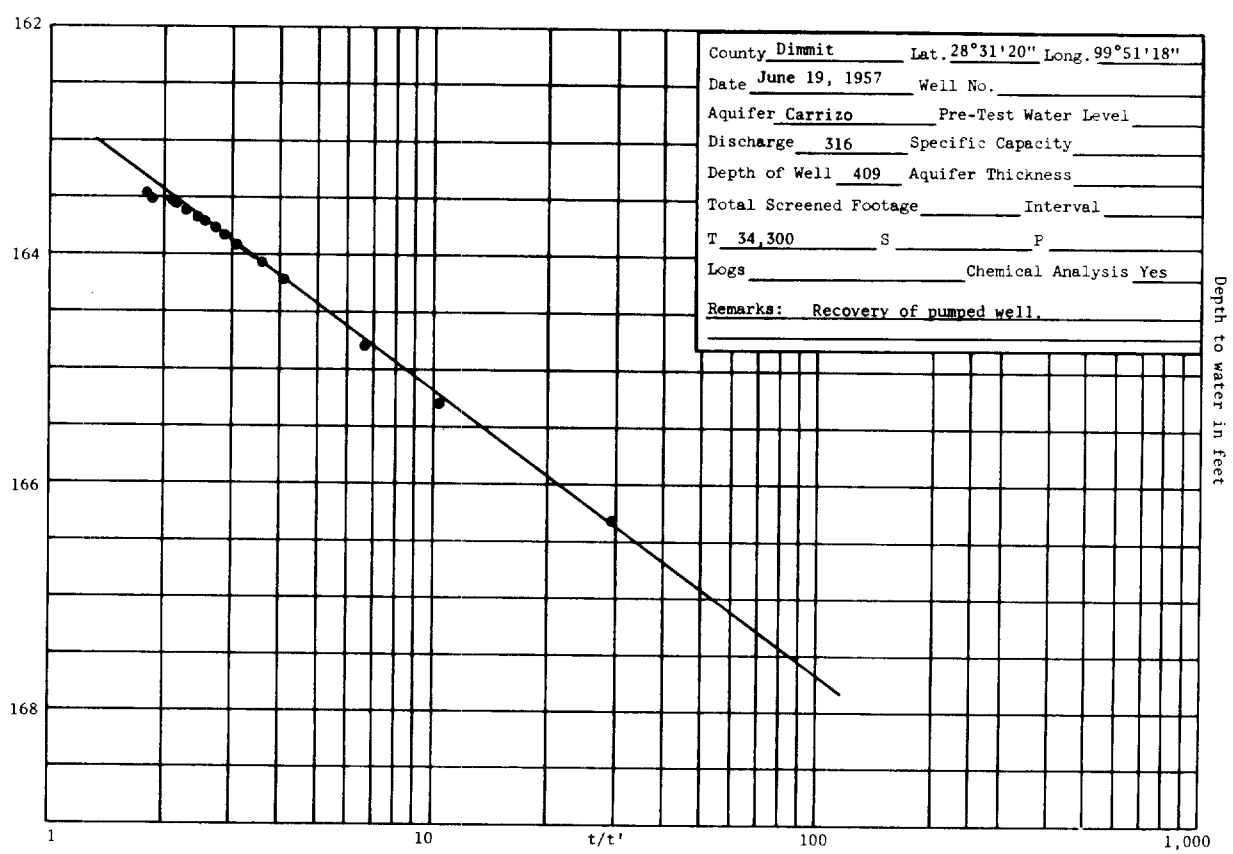

County De Witt Lat. 29°01'22" Long. 97°31'05"
Date April 24, 1959 Well No. HX-67-60-903
Aquifer Oakville Sandston Pre-Test Water Level 73.75
Discharge 320 Specific Capacity 6.8 (1 hr.)
Depth of Well 570 Aquifer Thickness
Total Screened Footage 141 Interval 210-570
T 8,300 S P 59
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.
39
37
35
33
31
29
27
25
.1
1
t/t'
10
100
Recovery in feet

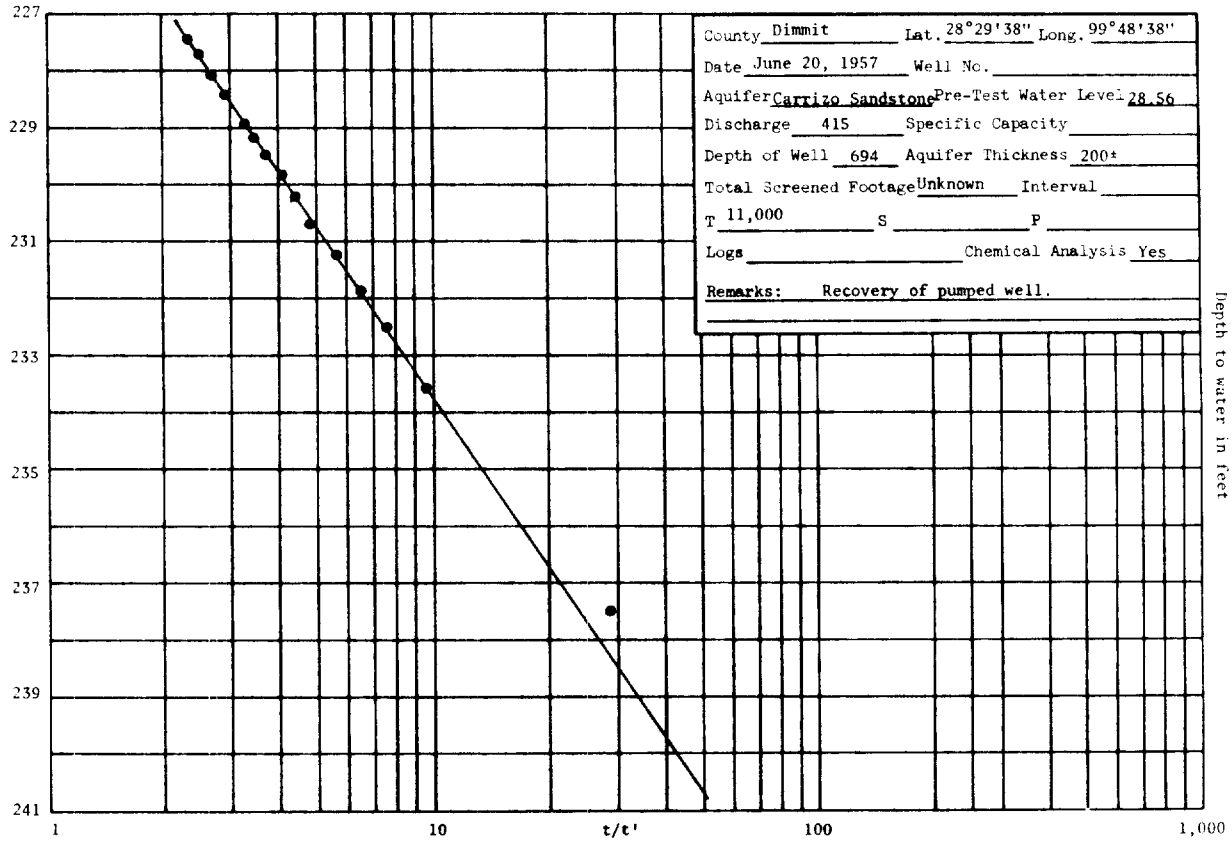

County De Witt Lat. 29°07'33" Long. 97°01'28"
Date June 9, 1959 Well No. HX-67-56-901
Aquifer Goliad Sand and Lagarto Clay Pre-Test Water Level 110.0+
Discharge 240 Specific Capacity 4.5 (100 min)
Depth of Well 240 Aquifer Thickness
Total Screened Footage 74 Interval 118-234
T 14,900 S P 20
Logs Chemical Analysis No
Remarks: Recovery of pumped well.
47
46
45
44
43
42
41
40
.1
1
t/t'
10
100
Recovery in feet

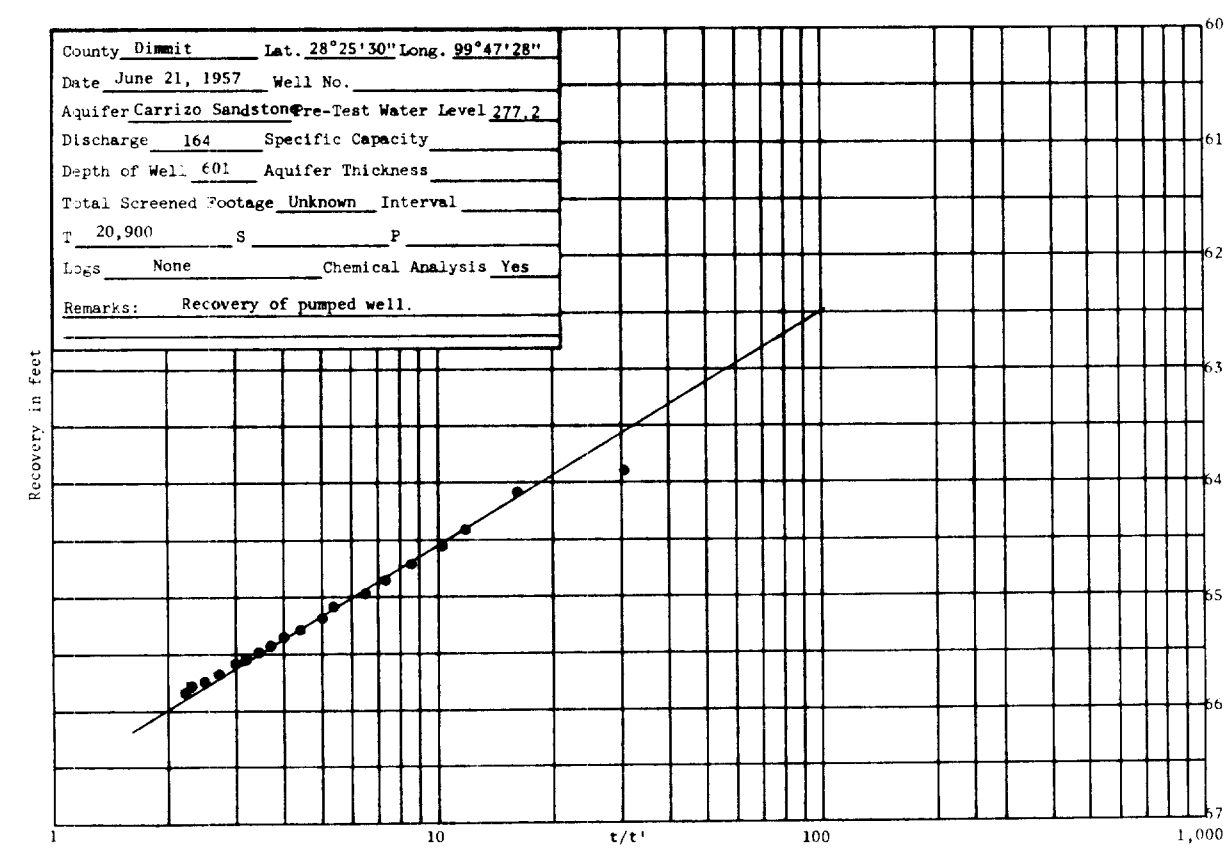

County De Witt Lat. 28°55'16" Long. 97°36'38"
Date April 29, 1959 Well No. HX-79-04-402
Aquifer Oakville Sandstone Pre-Test Water Level 212.00+
Discharge 160 Specific Capacity 5.4 (1 hr.)
Depth of Well 1,082 Aquifer Thickness
Total Screened Footage 134 Interval 925-1080
T 31,000 S P 231
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
30
29
28
27
1
10
t/t'
100
1,000
Recovery in feet

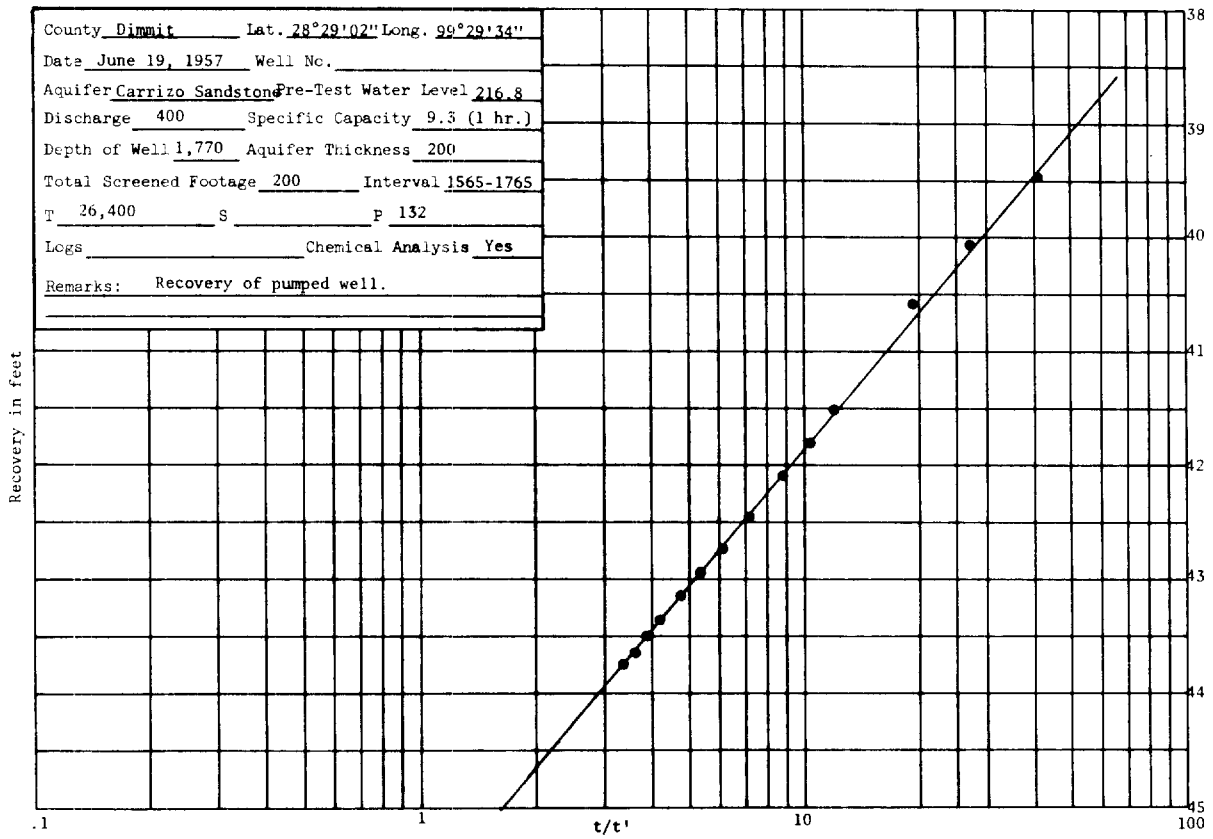

County Dimmit Lat. 28°35'00" Long. 99°45'47"
Date June 26, 1957 Well No.
Aquifer Carrizo Pre-Test Water Level
Discharge 1,000 Specific Capacity
Depth of Well 1,010 Aquifer Thickness 278
Total Screened Footage Interval
T 80,000 S P
Logs Chemical Analysis No
Remarks: Recovery of pumped well. Very little data on well construction.
290
291
292
293
294
295
296
297
1
10
t'
100
1,000
Depth to water in feet

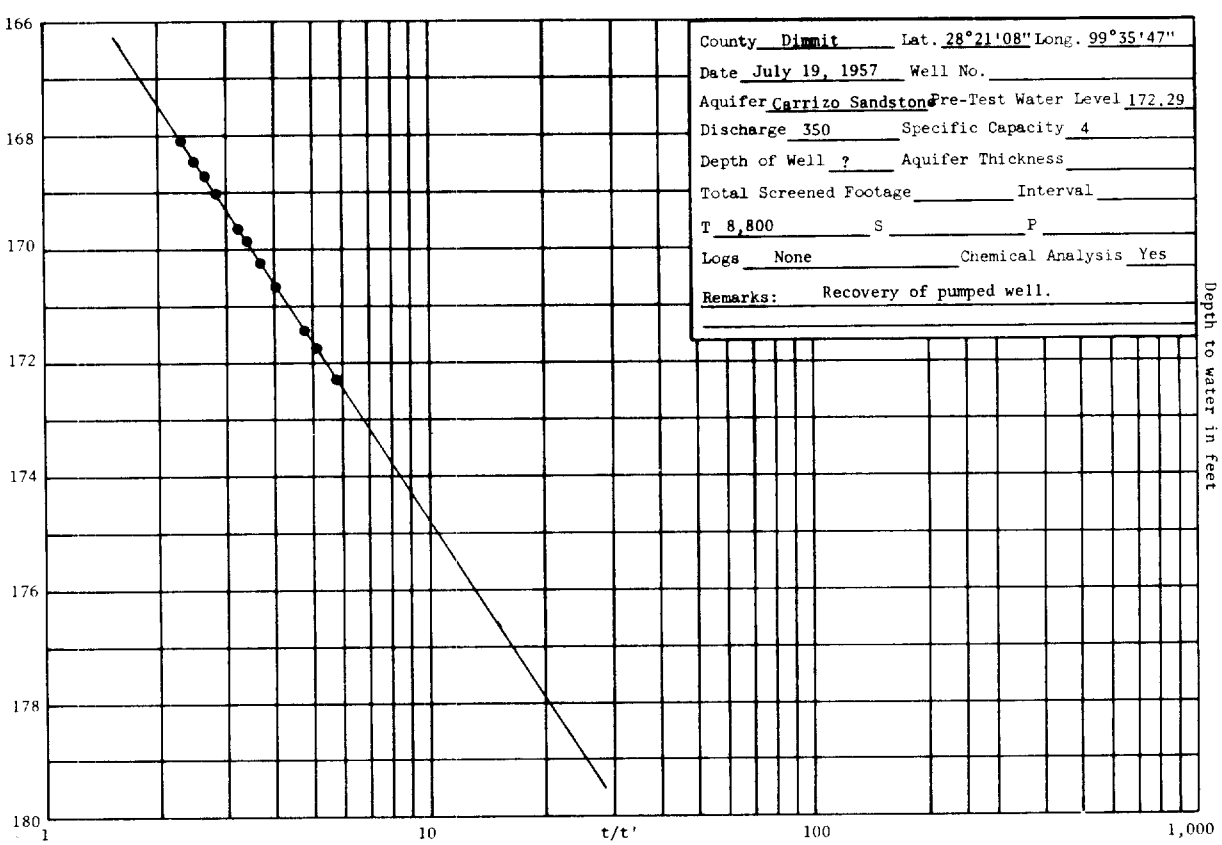

264
265
266
267
268
269
270
271
1
10
t/t'
100
1,000
Depth to water in feet
County Dimmit Lat. 28°23'25" Long. 99°41'23"
Date June 18, 1957 Well No.
Aquifer Carrizo Sandstone Pre-Test Water Level
Discharge 500 Specific Capacity
Depth of Well 1,081 Aquifer Thickness
Total Screened Footage Interval
T 22,800 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

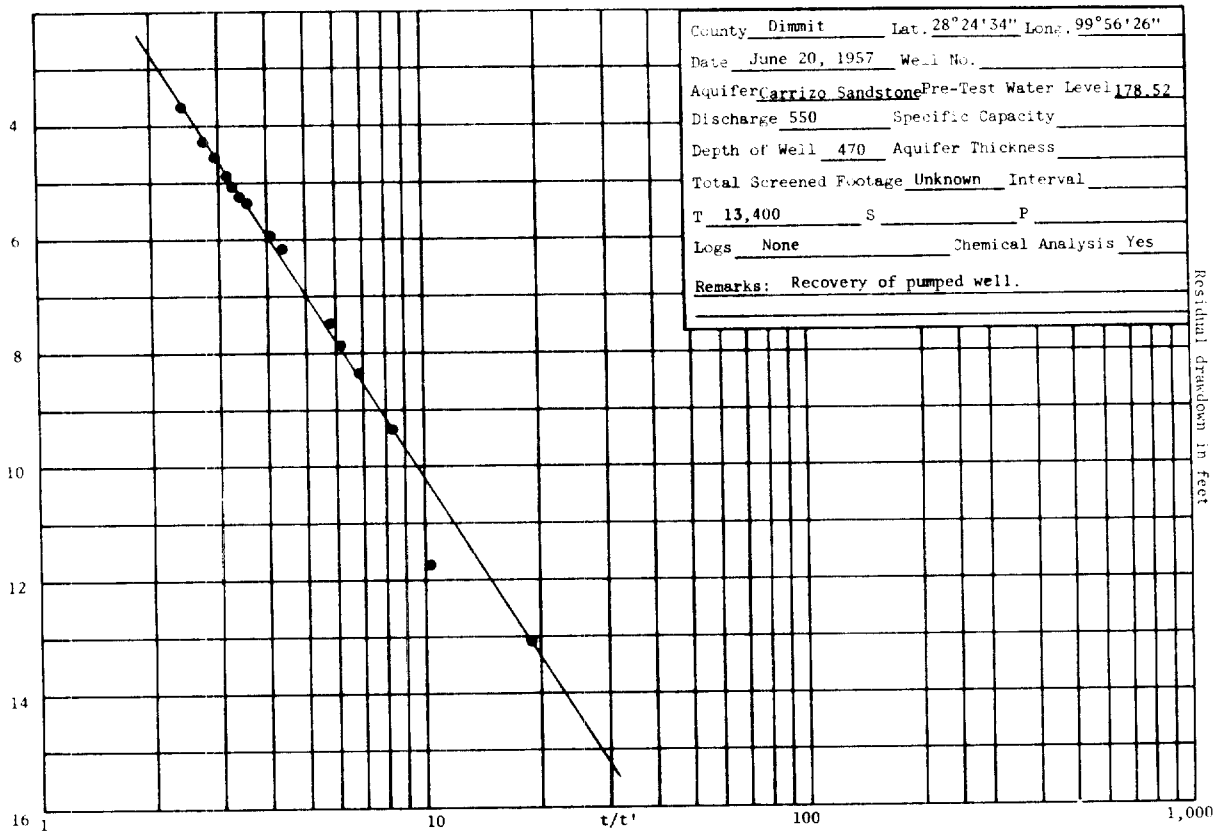

162
164
166
168
1
10
t/t'
100
1,000
Depth to water in feet
County Dimmit Lat. 28°31'20" Long. 99°51'18"
Date June 19, 1957 Well No.
Aquifer Carrizo Pre-Test Water Level
Discharge 316 Specific Capacity
Depth of Well 409 Aquifer Thickness
Total Screened Footage Interval
T 34,300 S P
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.

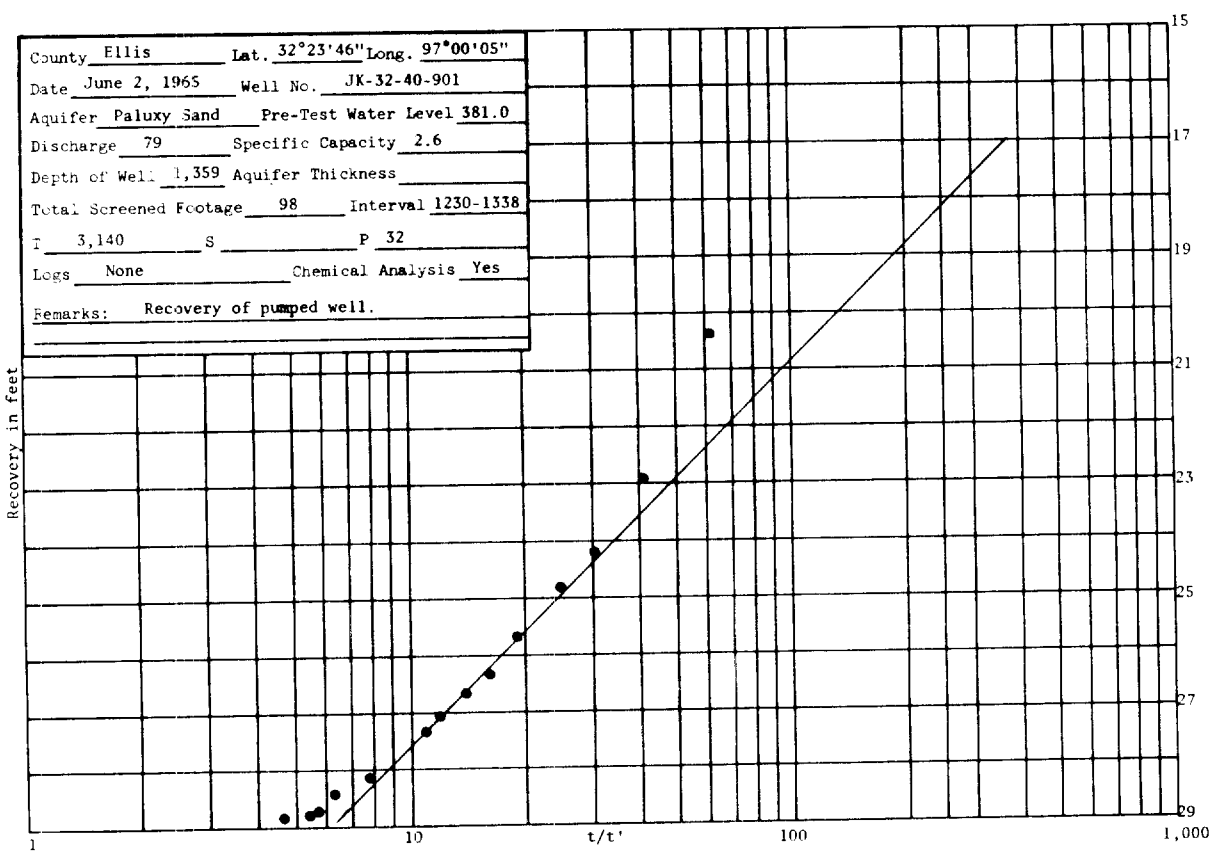

County Dimmit Lat. 28°29'38" Long. 99°48'38"
Date June 20, 1957 Well No.
Aquifer Carrizo Sandstone Pre-Test Water Level 28.56
Discharge 415 Specific Capacity
Depth of Well 694 Aquifer Thickness 200±
Total Screened Footage Unknown Interval
T 11,000 S P
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.
227
229
231
233
235
237
239
241
1
10
t/t'
100
1,000
Depth to water in feet

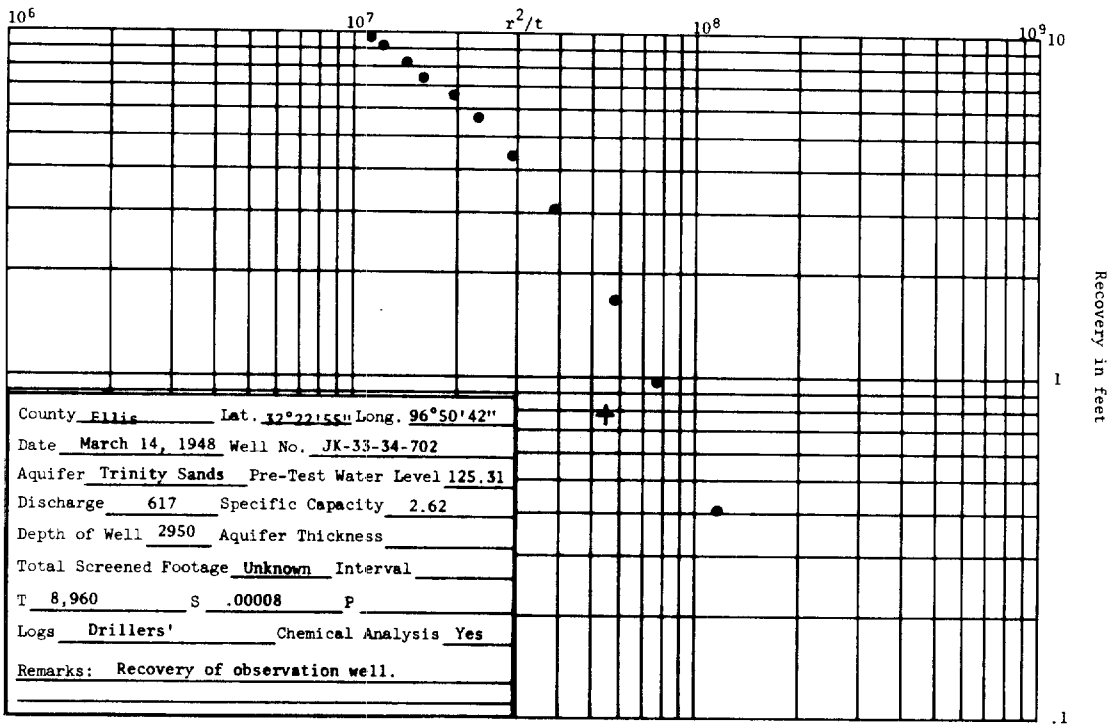

County Dimmit Lat. 28°25'30" Long. 99°47'28"
Date June 21, 1957 Well No.
Aquifer Carrizo Sandstone Pre-Test Water Level 277.2
Discharge 164 Specific Capacity
Depth of Well 601 Aquifer Thickness
Total Screened Footage Unknown Interval
T 20,900 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
60
61
62
63
64
65
66
67
1
10
t/t'
100
1,000
Recovery in feet

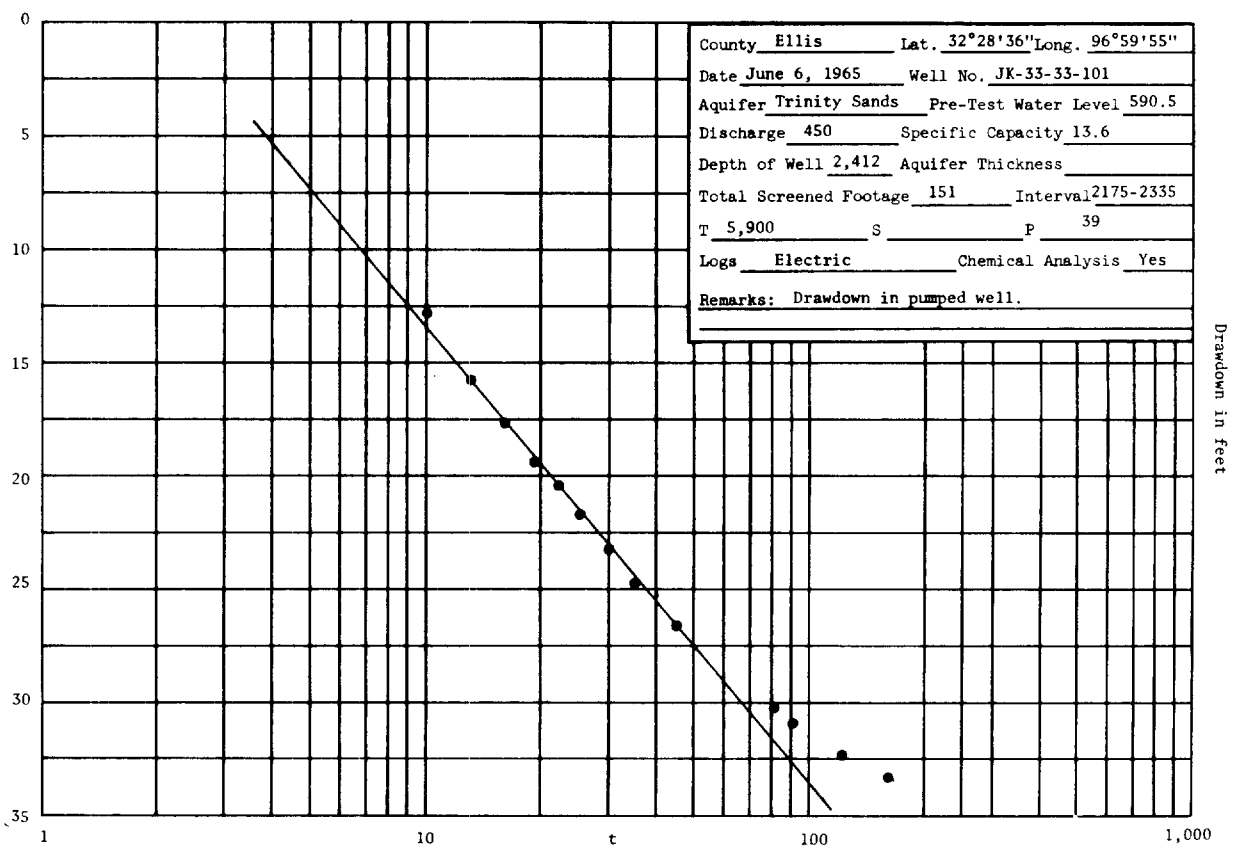

County Dimmit Lat. 28°29'02" Long. 99°29'34"
Date June 19, 1957 Well No.
Aquifer Carrizo Sandstone Pre-Test Water Level 216.8
Discharge 400 Specific Capacity 9.3 (1 hr.)
Depth of Well 1,770 Aquifer Thickness 200
Total Screened Footage 200 Interval 1565-1765
T 26,400 S P 132
Logs Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
38
39
40
41
42
43
44
45
.1
1
t/t'
10
100

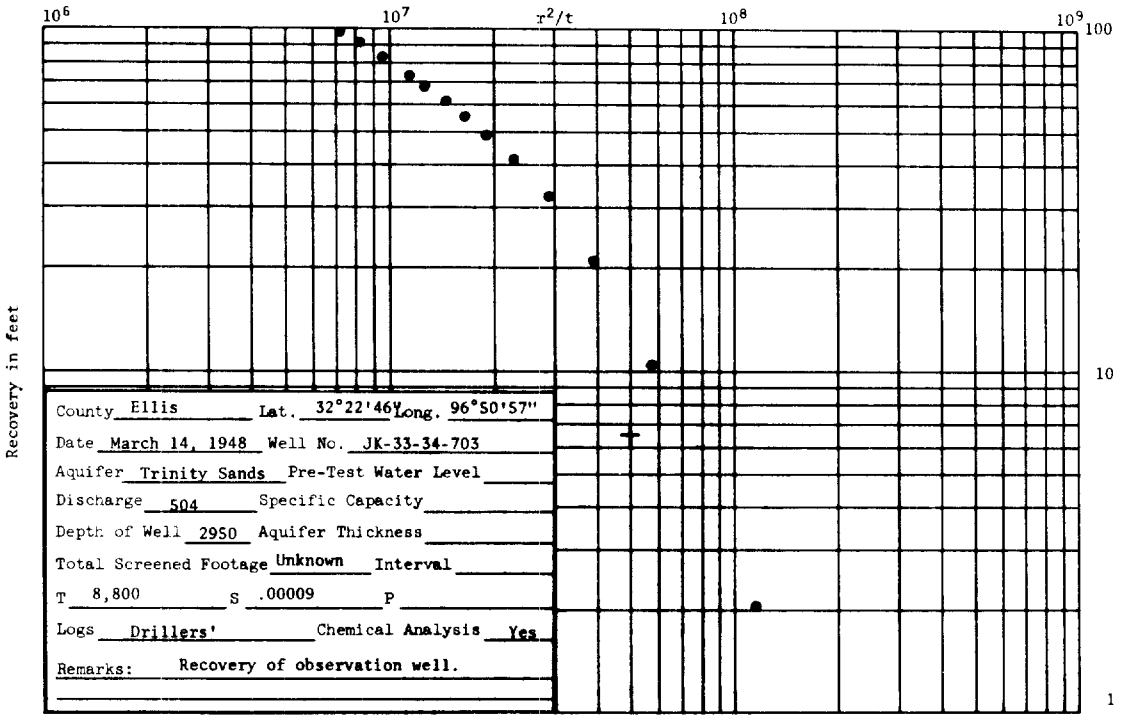

County Dimmit Lat. 28°21'08" Long. 99°35'47"
Date July 19, 1957 Well No.
Aquifer Carrizo Sandstone Pre-Test Water Level 172.29
Discharge 350 Specific Capacity 4
Depth of Well ? Aquifer Thickness
Total Screened Footage Interval
T 8,800 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
166
168
170
172
174
176
178
180
1
10
t/t'
100
1,000

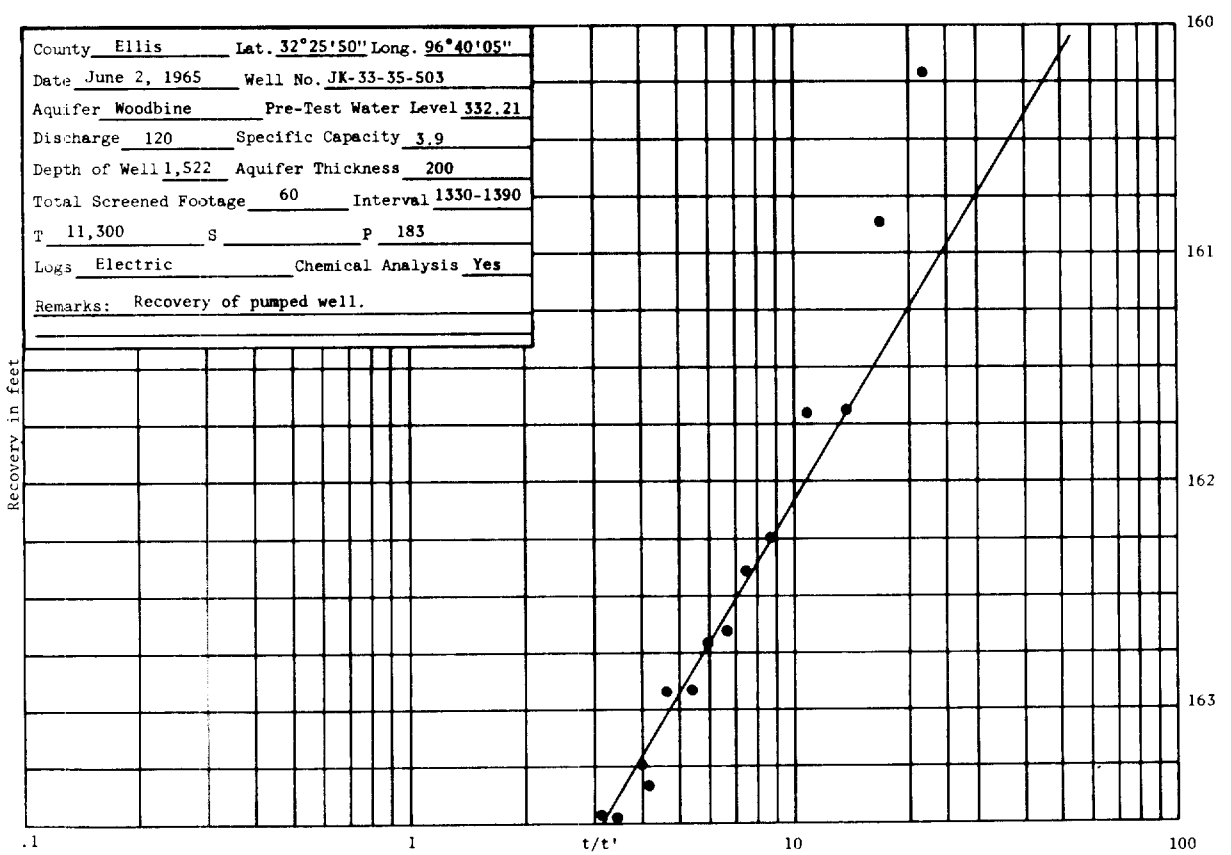

County Dimmit Lat. 28°24'34" Long. 99°56'26"
Date June 20, 1957 Well No.
Aquifer Carrizo Sandstone Pre-Test Water Level 178.52
Discharge 550 Specific Capacity
Depth of Well 470 Aquifer Thickness
Total Screened Footage Unknown Interval
T 13,400 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
4
6
8
10
12
14
16
1
10
t/t'
100
1,000

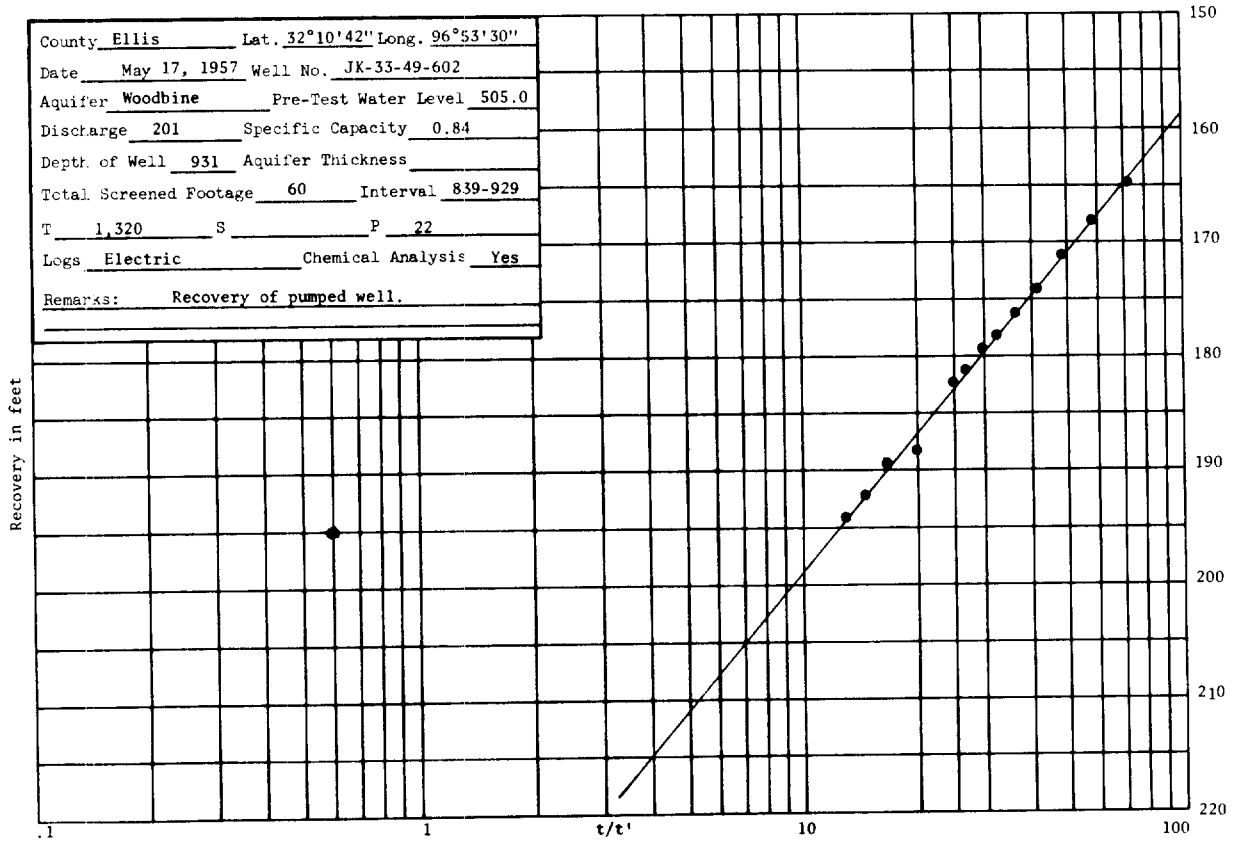

County Ellis Lat. 32°23'46" Long. 97°00'05"
Date June 2, 1965 Well No. JK-32-40-901
Aquifer Paluxy Sand Pre-Test Water Level 381.0
Discharge 79 Specific Capacity 2.6
Depth of Well 1,359 Aquifer Thickness
Total Screened Footage 98 Interval 1230-1338
T 3,140 S P 32
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
15
17
19
21
23
25
27
29
1
10
t/t'
100
1,000

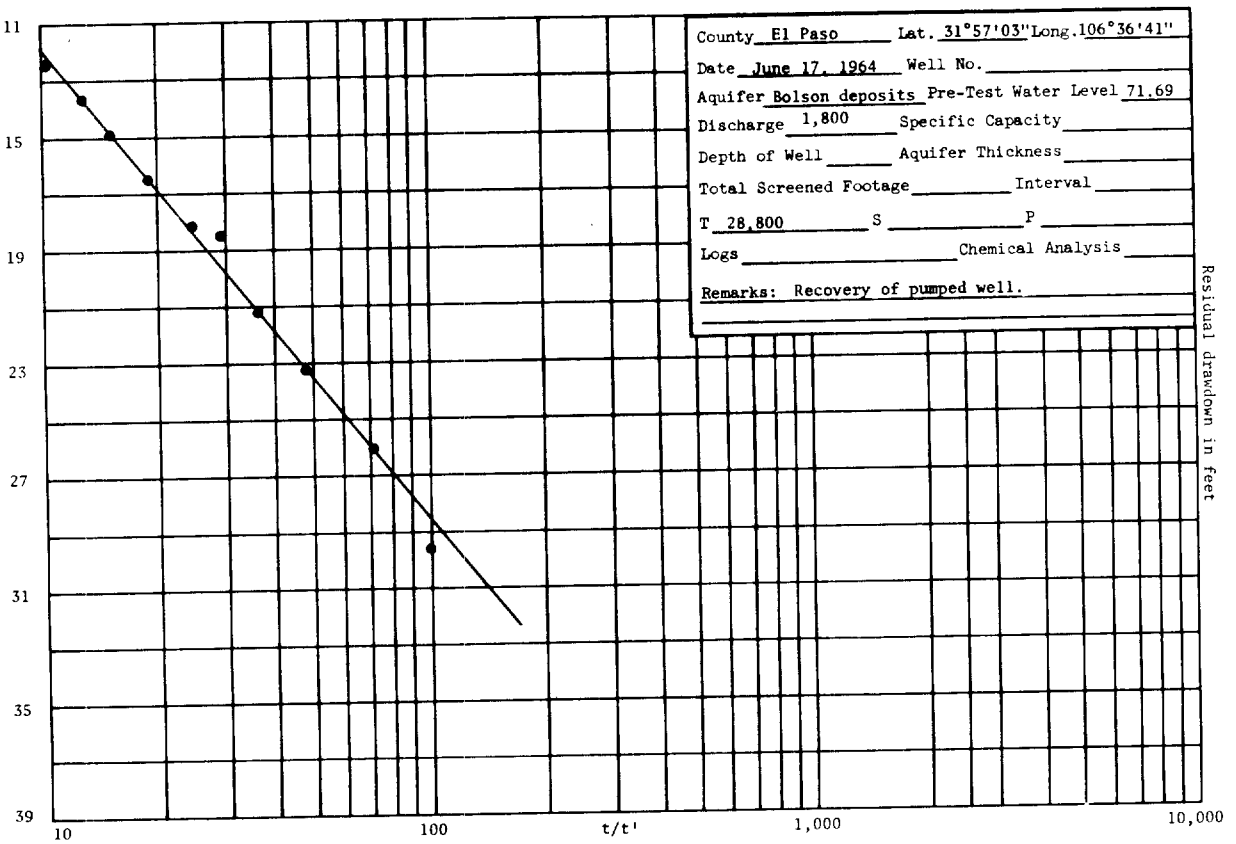

10^6
10^7
r^2/t
10^8
10^9
10
1
.1
Recovery in feet
County Ellis Lat. 32°22'55" Long. 96°50'42"
Date March 14, 1948 Well No. JK-33-34-702
Aquifer Trinity Sands Pre-Test Water Level 125.31
Discharge 617 Specific Capacity 2.62
Depth of Well 2950 Aquifer Thickness
Total Screened Footage Unknown Interval
T 8,960 S .00008 P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of observation well.

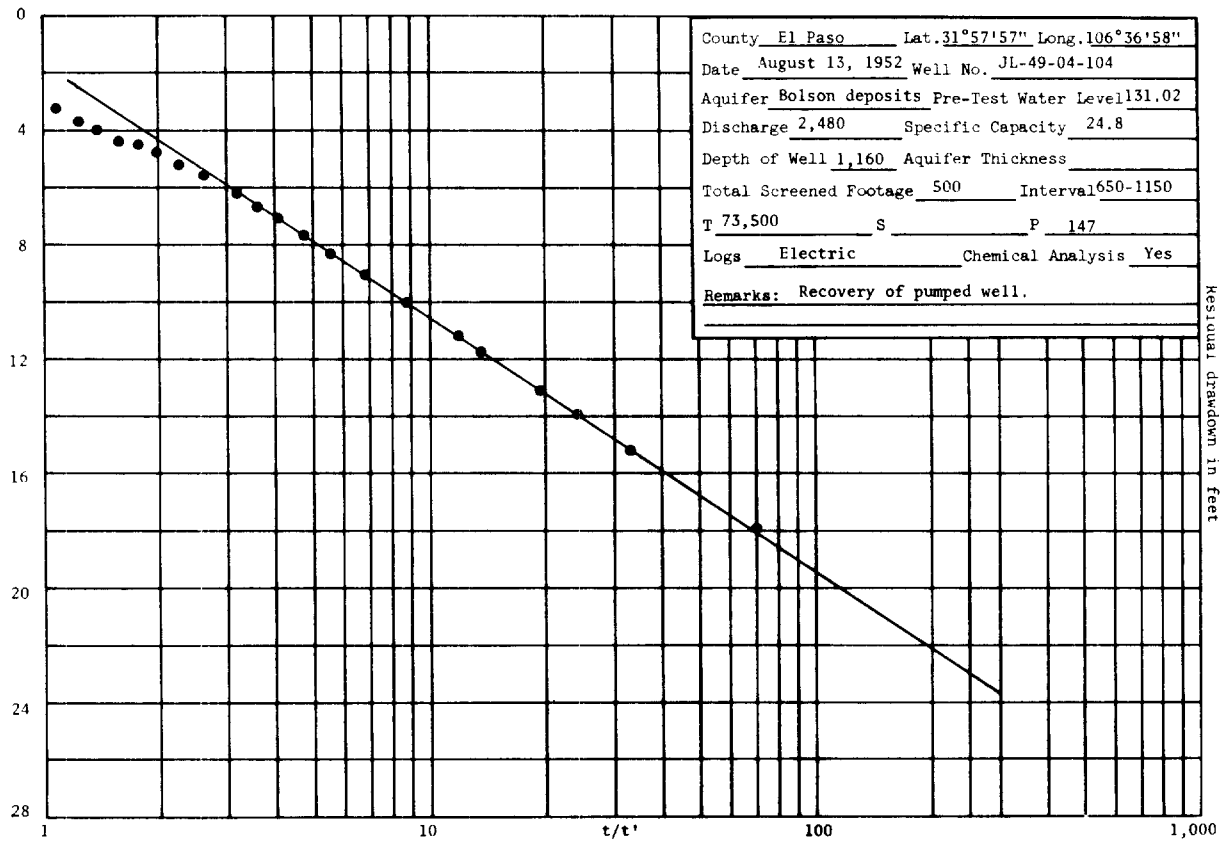

0
5
10
15
20
25
30
35
1
10
t
100
1,000
Drawdown in feet
County Ellis Lat. 32°28'36" Long. 96°59'55"
Date June 6, 1965 Well No. JK-33-33-101
Aquifer Trinity Sands Pre-Test Water Level 590.5
Discharge 450 Specific Capacity 13.6
Depth of Well 2,412 Aquifer Thickness
Total Screened Footage 151 Interval 2175-2335
T 5,900 S P 39
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.

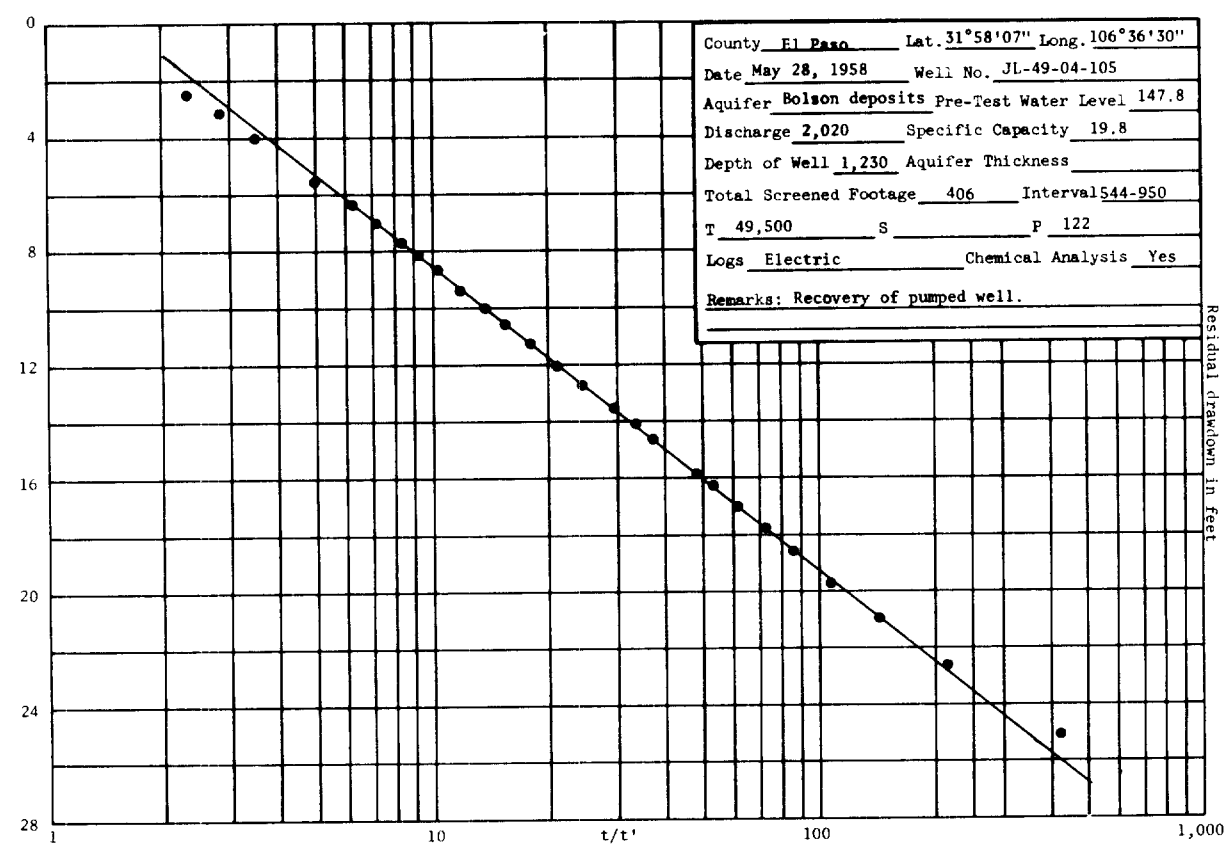

10^6
10^7
r^2/t
10^8
10^9
100
10
1
Recovery in feet
County Ellis Lat. 32°22'46" Long. 96°50'57"
Date March 14, 1948 Well No. JK-33-34-703
Aquifer Trinity Sands Pre-Test Water Level
Discharge 504 Specific Capacity
Depth of Well 2950 Aquifer Thickness
Total Screened Footage Unknown Interval
T 8,800 S .00009 P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of observation well.

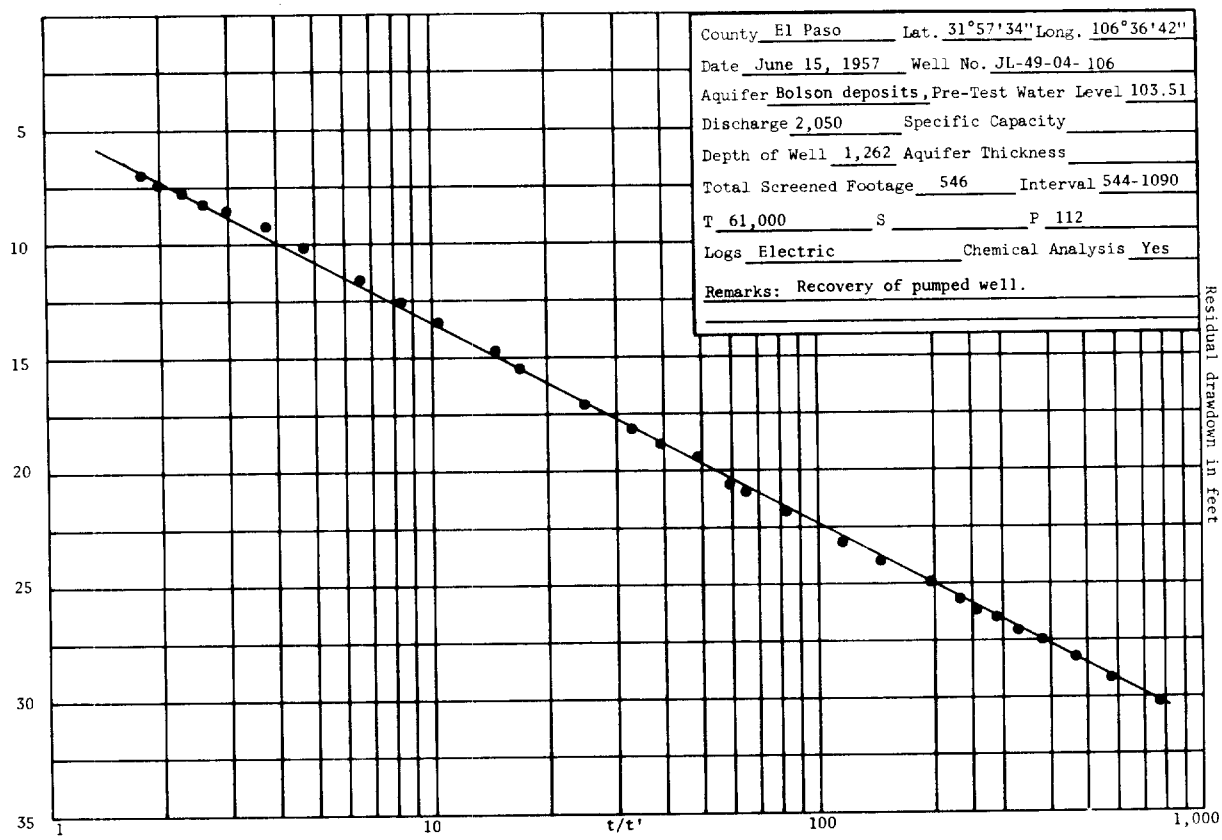

160
161
162
163
Recovery in feet
County Ellis Lat. 32°25'50" Long. 96°40'05"
Date June 2, 1965 Well No. JK-33-35-503
Aquifer Woodbine Pre-Test Water Level 332.21
Discharge 120 Specific Capacity 3.9
Depth of Well 1,522 Aquifer Thickness 200
Total Screened Footage 60 Interval 1330-1390
T 11,300 S P 183
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
.1
1
t/t'
10
100

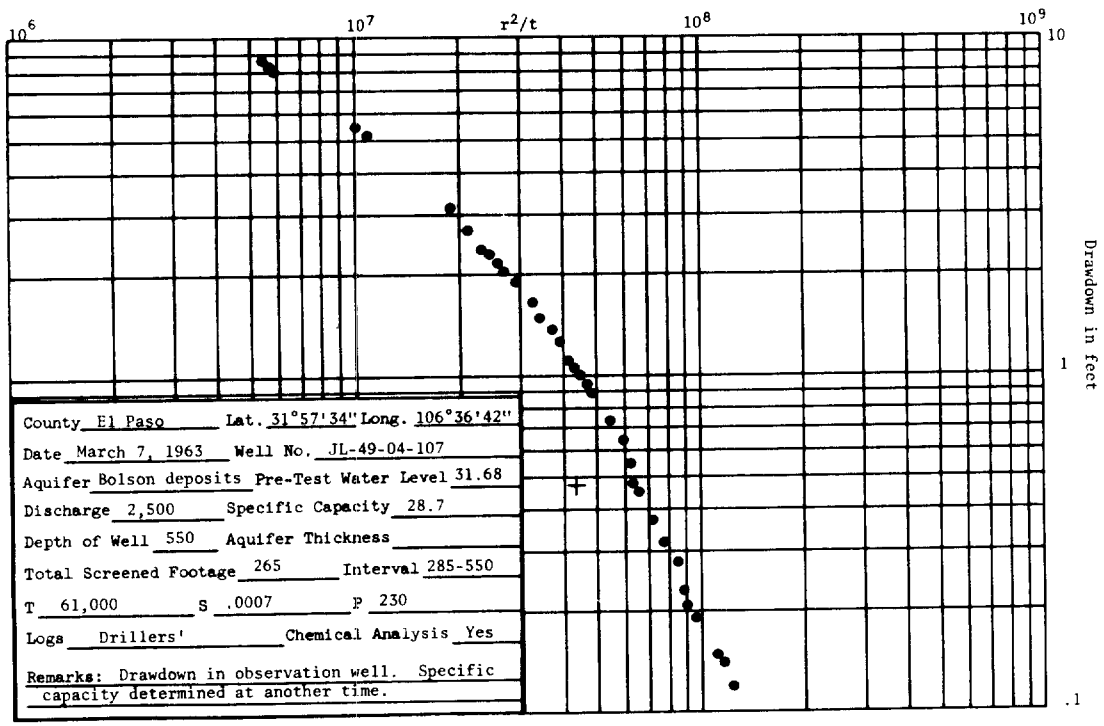

County Ellis Lat. 32°10'42" Long. 96°53'30"
Date May 17, 1957 Well No. JK-33-49-602
Aquifer Woodbine Pre-Test Water Level 505.0
Discharge 201 Specific Capacity 0.84
Depth of Well 931 Aquifer Thickness
Total Screened Footage 60 Interval 839-929
T 1,320 S P 22
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
150
160
170
180
190
200
210
220
.1
1
t/t'
10
100

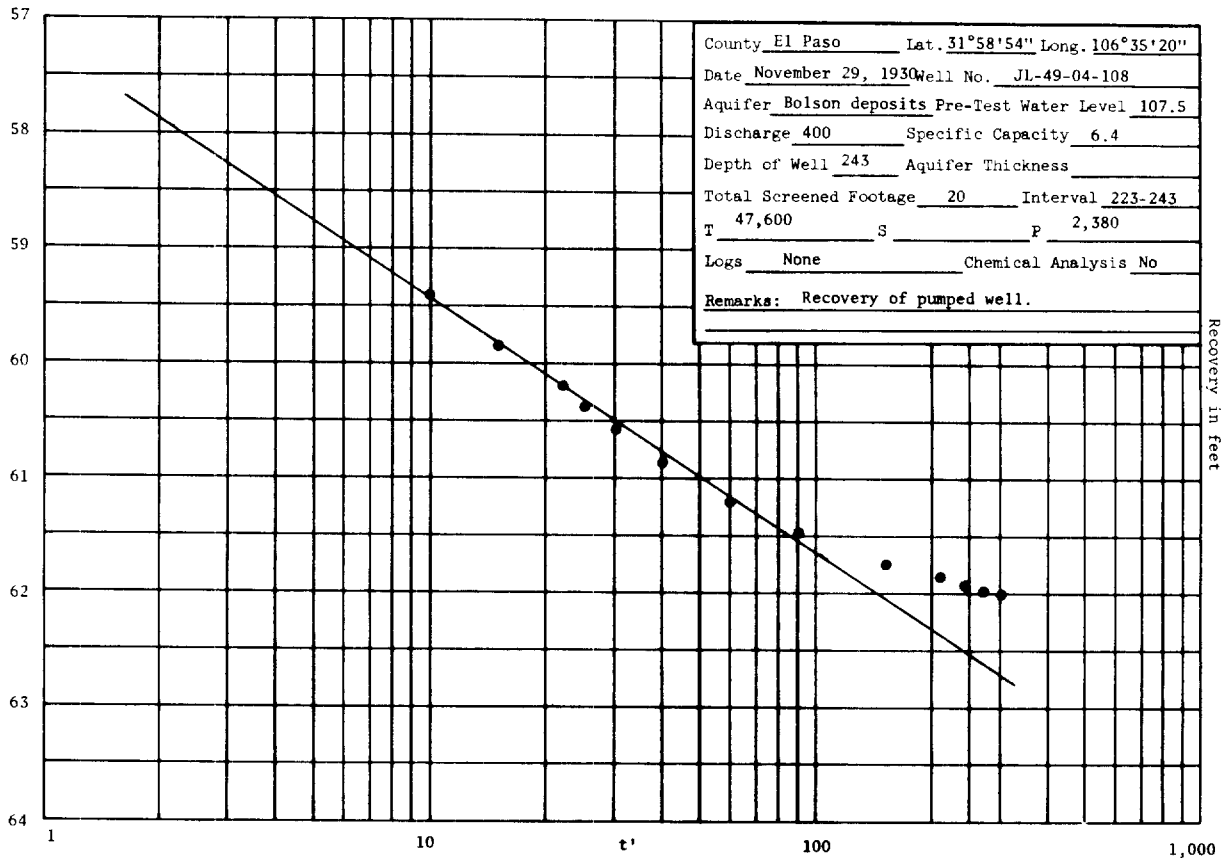

County El Paso Lat. 31°57'03" Long. 106°36'41"
Date June 17, 1964 Well No.
Aquifer Bolson deposits Pre-Test Water Level 71.69
Discharge 1,800 Specific Capacity
Depth of Well Aquifer Thickness
Total Screened Footage Interval
T 28,800 S P
Logs Chemical Analysis
Remarks: Recovery of pumped well.
Residual drawdown in feet
11
15
19
23
27
31
35
39
10
100
t/t'
1,000
10,000

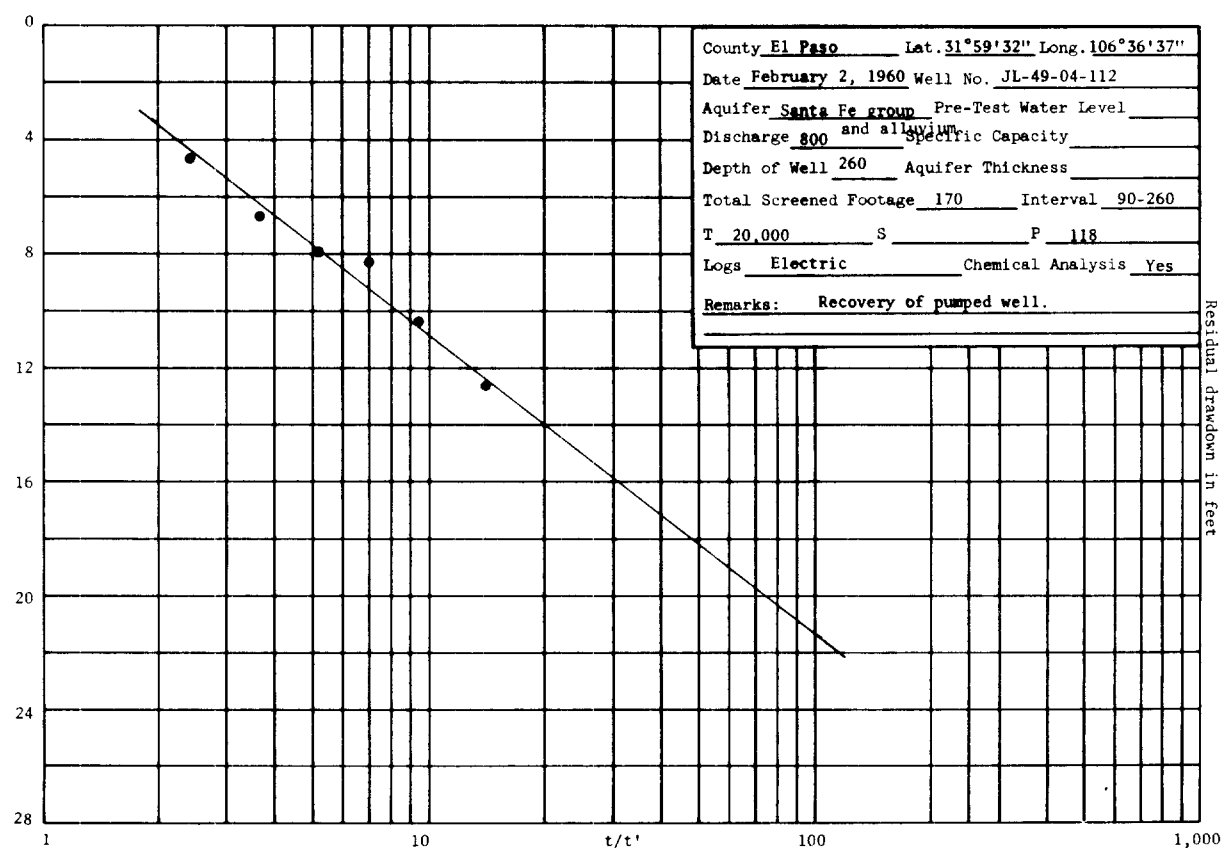

County El Paso Lat. 31°57'57" Long. 106°36'58"
Date August 13, 1952 Well No. JL-49-04-104
Aquifer Bolson deposits Pre-Test Water Level 131.02
Discharge 2,480 Specific Capacity 24.8
Depth of Well 1,160 Aquifer Thickness
Total Screened Footage 500 Interval 650-1150
T 73,500 S P 147
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
4
8
12
16
20
24
28
1
10
t/t'
100
1,000
Residual drawdown in feet

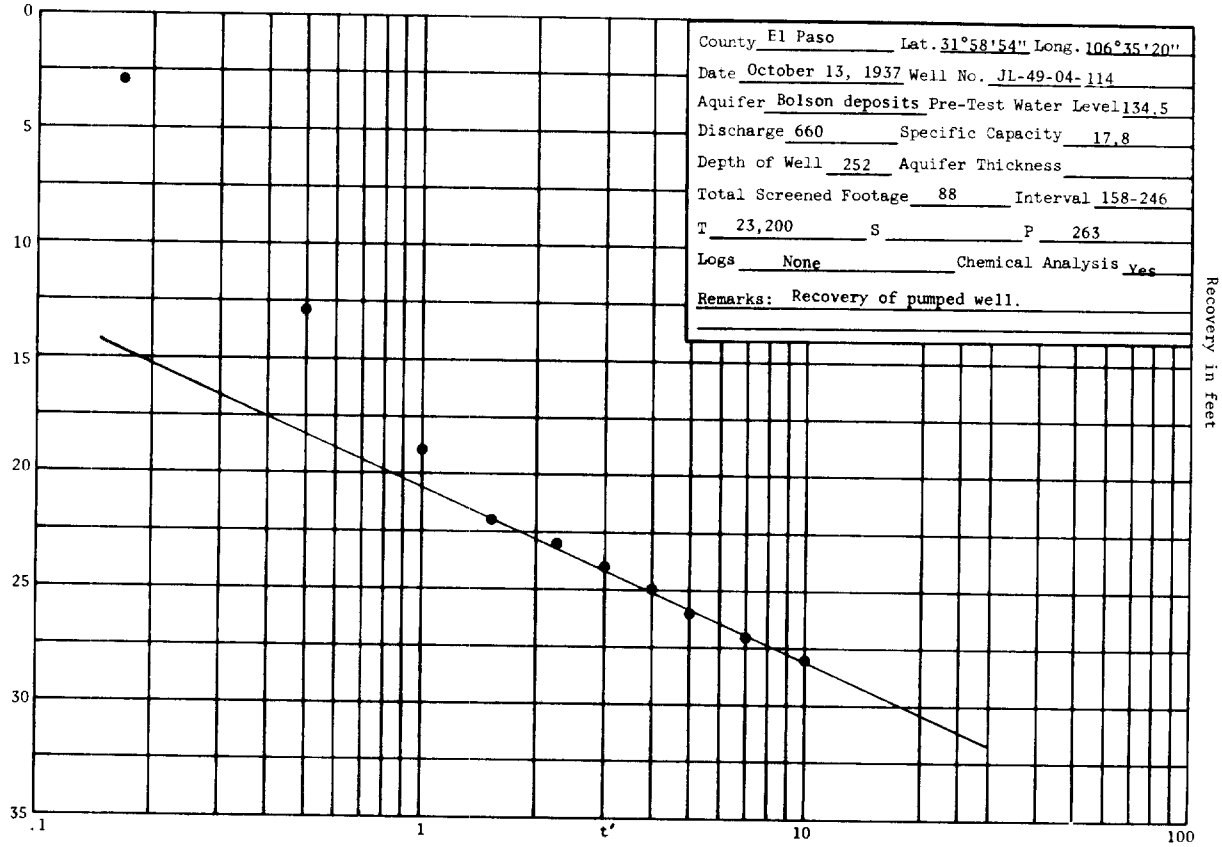

County El Paso Lat. 31°58'07" Long. 106°36'30"
Date May 28, 1958 Well No. JL-49-04-105
Aquifer Bolson deposits Pre-Test Water Level 147.8
Discharge 2,020 Specific Capacity 19.8
Depth of Well 1,230 Aquifer Thickness
Total Screened Footage 406 Interval 544-950
T 49,500 S P 122
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
4
8
12
16
20
24
28
1
10
t/t'
100
1,000
Residual drawdown in feet

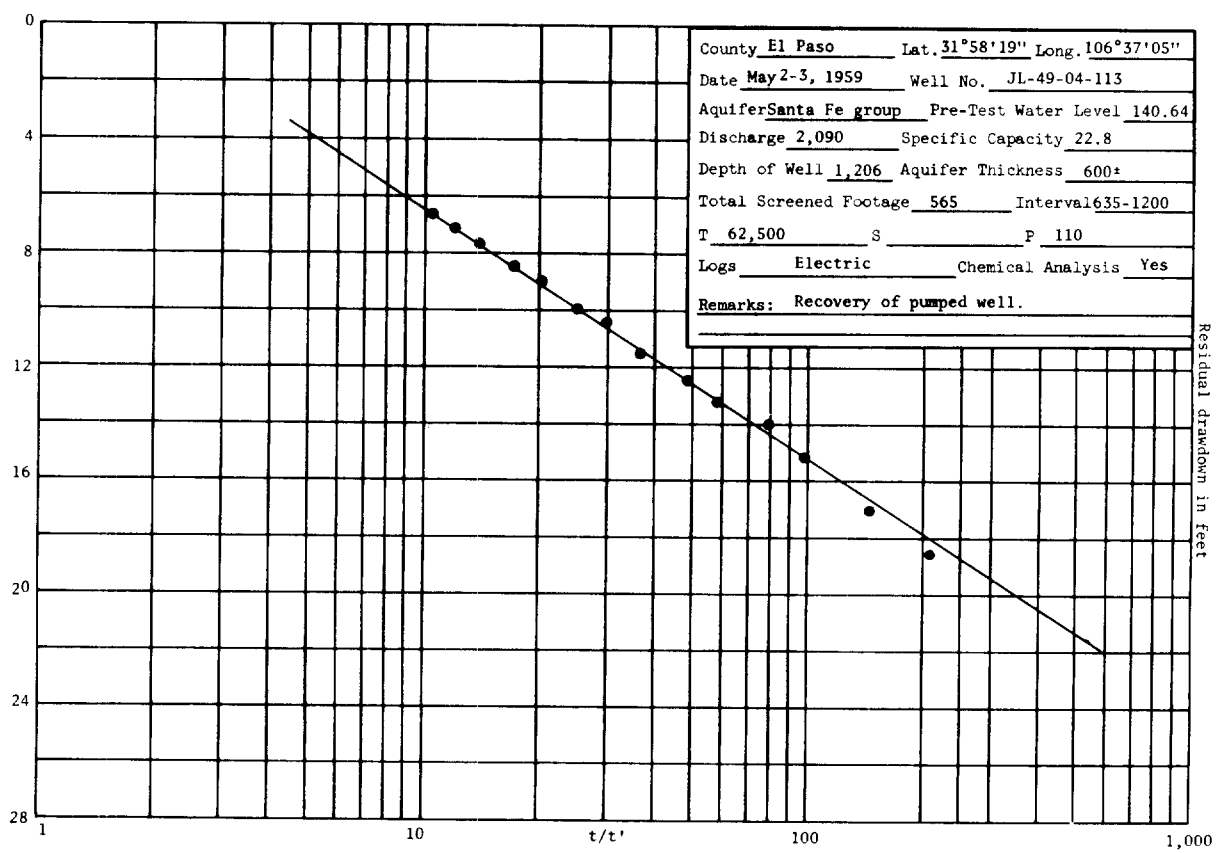

County El Paso Lat. 31°57'34" Long. 106°36'42"
Date June 15, 1957 Well No. JL-49-04-106
Aquifer Bolson deposits, Pre-Test Water Level 103.51
Discharge 2,050 Specific Capacity
Depth of Well 1,262 Aquifer Thickness
Total Screened Footage 546 Interval 544-1090
T 61,000 S P 112
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
5
10
15
20
25
30
35
1
10
t/t'
100
1,000
Residual drawdown in feet

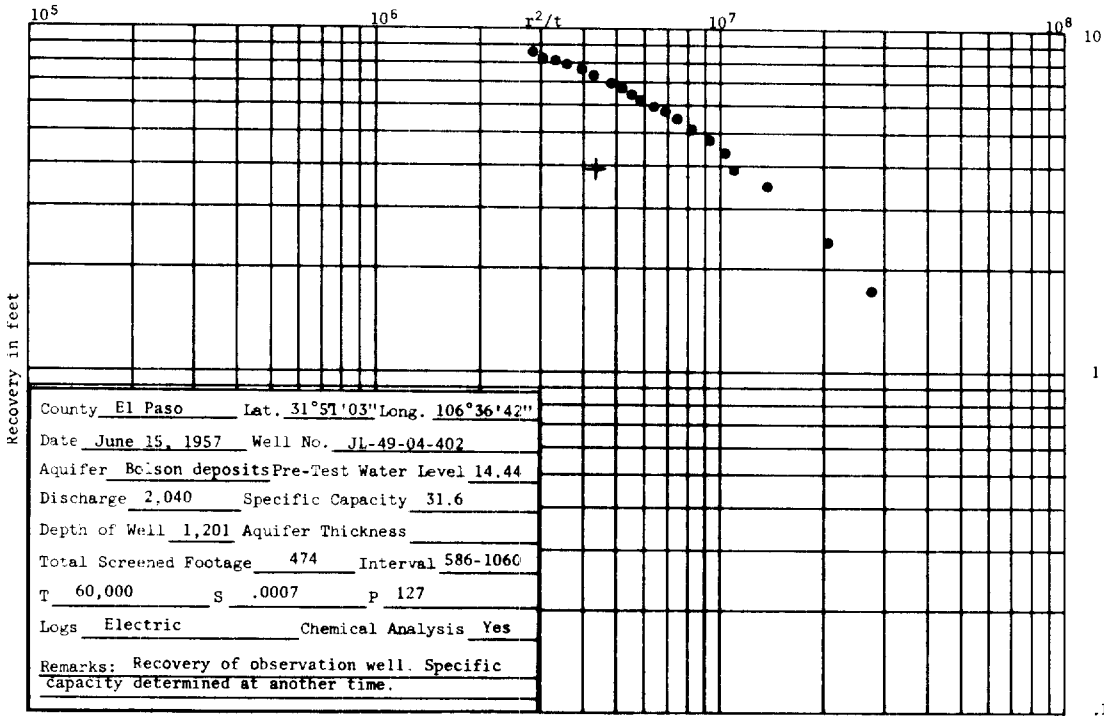

10^6
10^7
r^2/t
10^8
10^9
10
1
.1
Drawdown in feet
County El Paso Lat. 31°57'34" Long. 106°36'42"
Date March 7, 1963 Well No. JL-49-04-107
Aquifer Bolson deposits Pre-Test Water Level 31.68
Discharge 2,500 Specific Capacity 28.7
Depth of Well 550 Aquifer Thickness
Total Screened Footage 265 Interval 285-550
T 61,000 S .0007 P 230
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well. Specific capacity determined at another time.


57
58
59
60
61
62
63
64
1
10
t'
100
1,000
Recovery in feet
County El Paso Lat. 31°58'54" Long. 106°35'20"
Date November 29, 1930 Well No. JL-49-04-108
Aquifer Bolson deposits Pre-Test Water Level 107.5
Discharge 400 Specific Capacity 6.4
Depth of Well 243 Aquifer Thickness
Total Screened Footage 20 Interval 223-243
T 47,600 S P 2,380
Logs None Chemical Analysis No
Remarks: Recovery of pumped well.

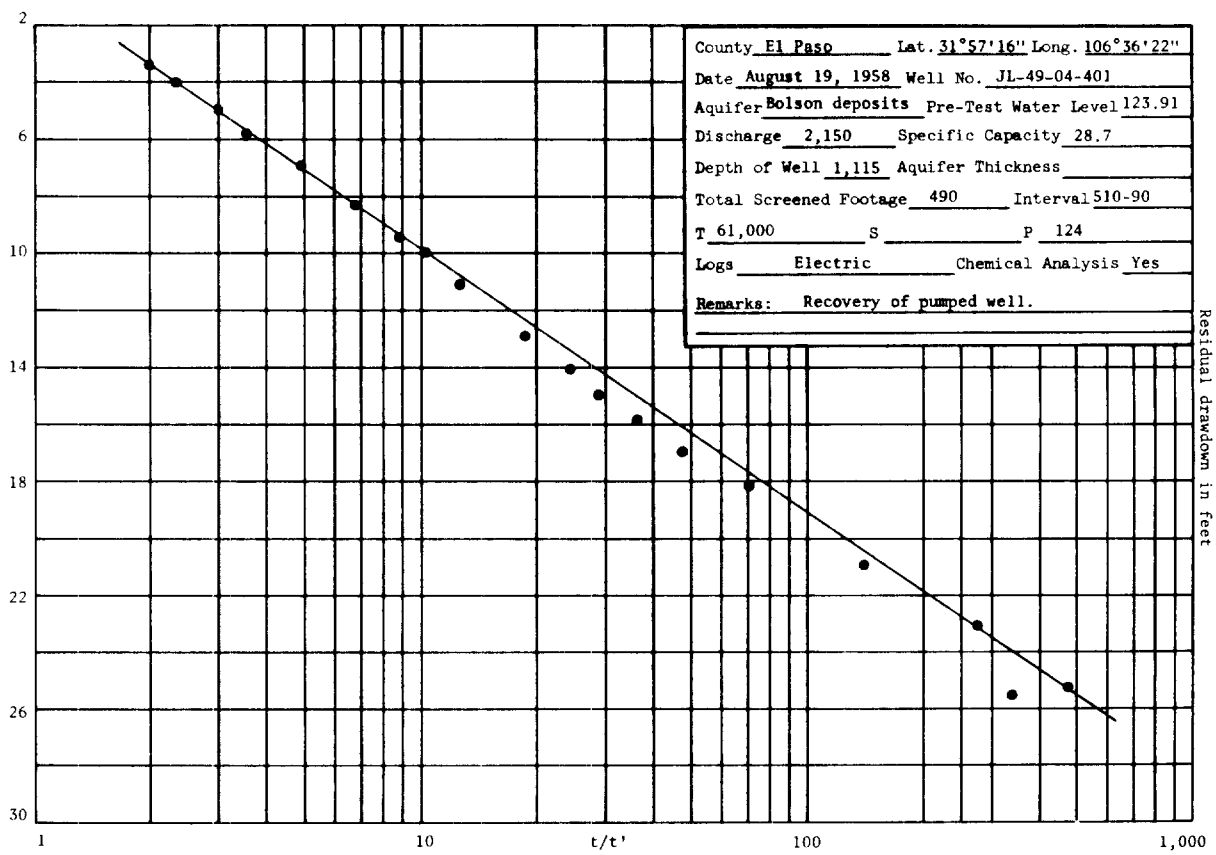

0
4
8
12
16
20
24
28
1
10
t/t'
100
1,000
Residual drawdown in feet
County El Paso Lat. 31°59'32" Long. 106°36'37"
Date February 2, 1960 Well No. JL-49-04-112
Aquifer Santa Fe group and alluvium Pre-Test Water Level
Discharge 800 Specific Capacity
Depth of Well 260 Aquifer Thickness
Total Screened Footage 170 Interval 90-260
T 20,000 S P 118
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.


County El Paso Lat. 31°58'54" Long. 106°35'20"
Date October 13, 1937 Well No. JL-49-04-114
Aquifer Bolson deposits Pre-Test Water Level 134.5
Discharge 660 Specific Capacity 17.8
Depth of Well 252 Aquifer Thickness
Total Screened Footage 88 Interval 158-246
T 23,200 S P 263
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
5
10
15
20
25
30
35
.1
1
t'
10
100
Recovery in feet

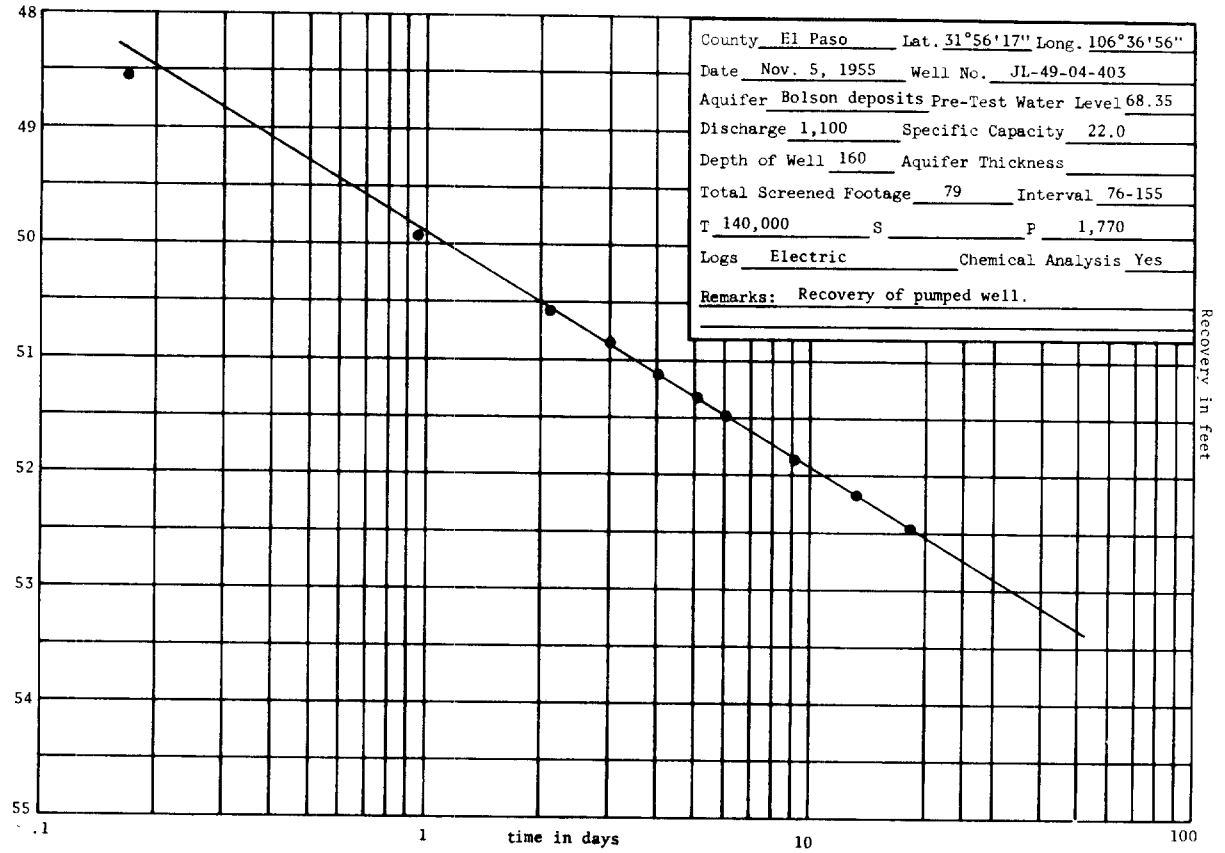

County El Paso Lat. 31°58'19" Long. 106°37'05"
Date May 2-3, 1959 Well No. JL-49-04-113
Aquifer Santa Fe group Pre-Test Water Level 140.64
Discharge 2,090 Specific Capacity 22.8
Depth of Well 1,206 Aquifer Thickness 600±
Total Screened Footage 565 Interval 635-1200
T 62,500 S P 110
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
4
8
12
16
20
24
28
1
10
t/t'
100
1,000
Residual drawdown in feet

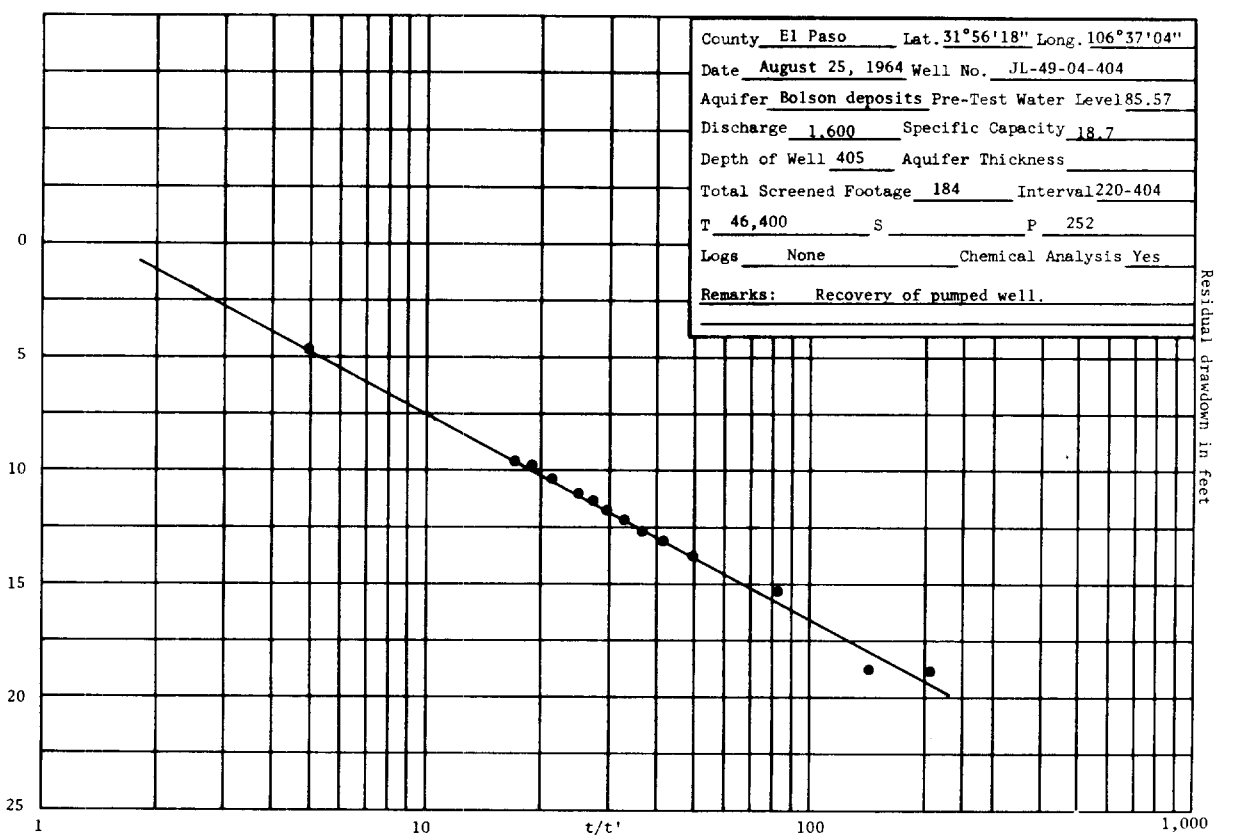


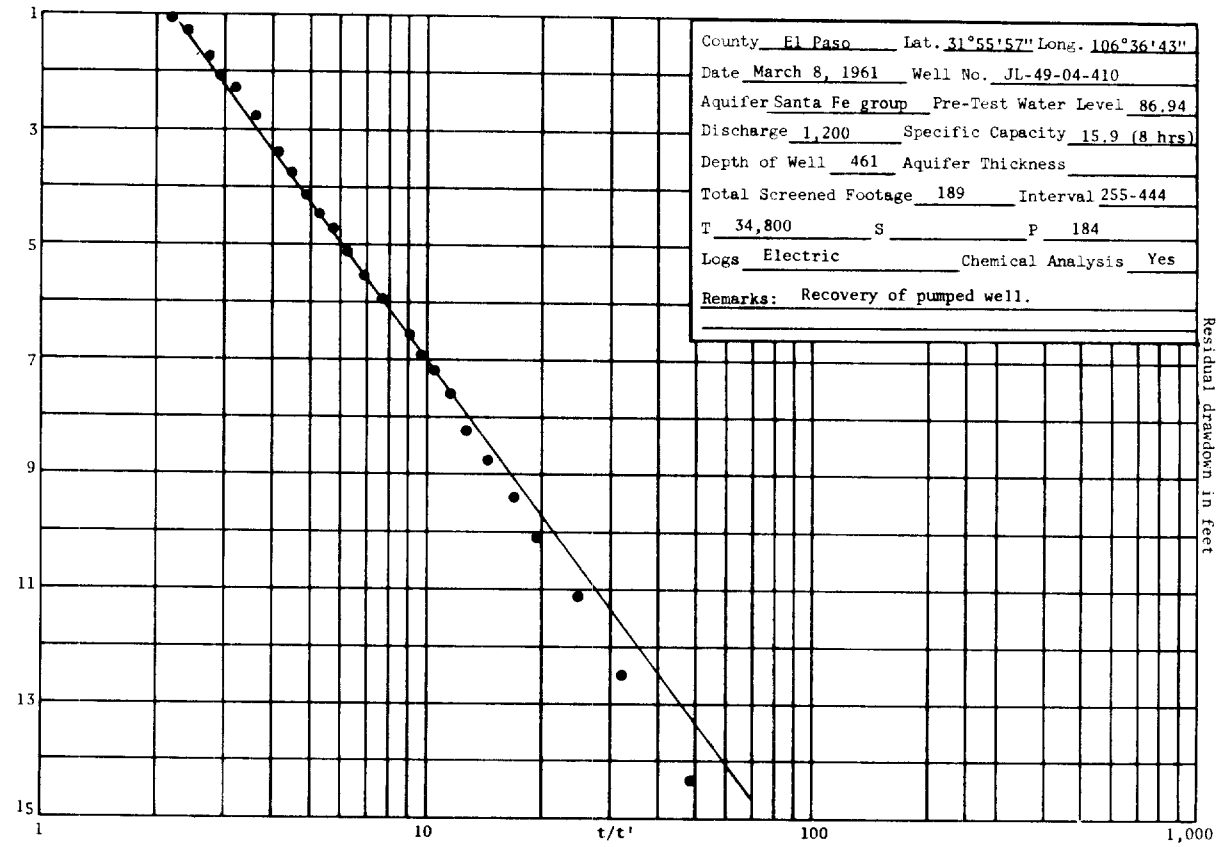
County El Paso Lat. 31°57'03" Long. 106°36'42"
Date June 15, 1957 Well No. JL-49-04-402
Aquifer Bolson deposits Pre-Test Water Level 14.44
Discharge 2,040 Specific Capacity 31.6
Depth of Well 1,201 Aquifer Thickness
Total Screened Footage 474 Interval 586-1060
T 60,000 S .0007 P 127
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well. Specific capacity determined at another time.

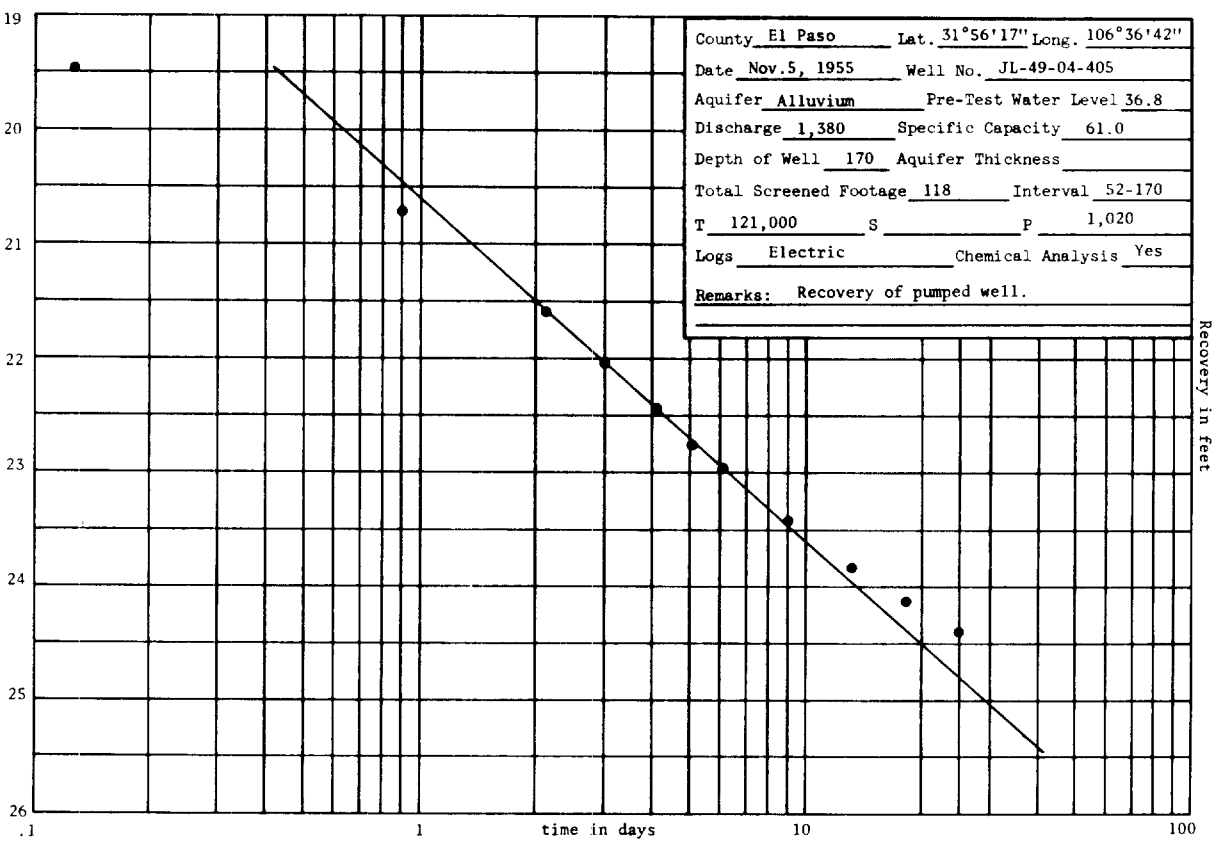


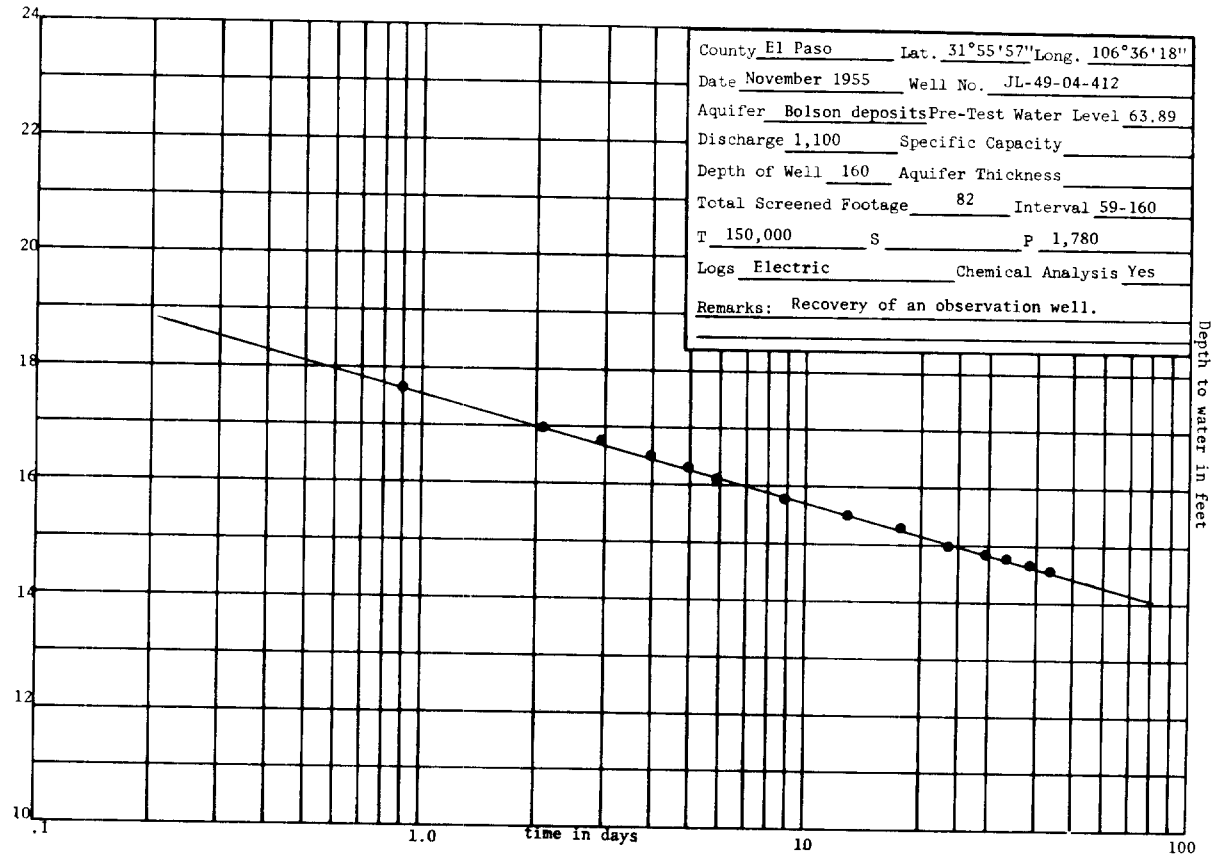
County El Paso Lat. 31°57'16" Long. 106°36'22"
Date August 19, 1958 Well No. JL-49-04-401
Aquifer Bolson deposits Pre-Test Water Level 123.91
Discharge 2,150 Specific Capacity 28.7
Depth of Well 1,115 Aquifer Thickness
Total Screened Footage 490 Interval 510-90
T 61,000 S P 124
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

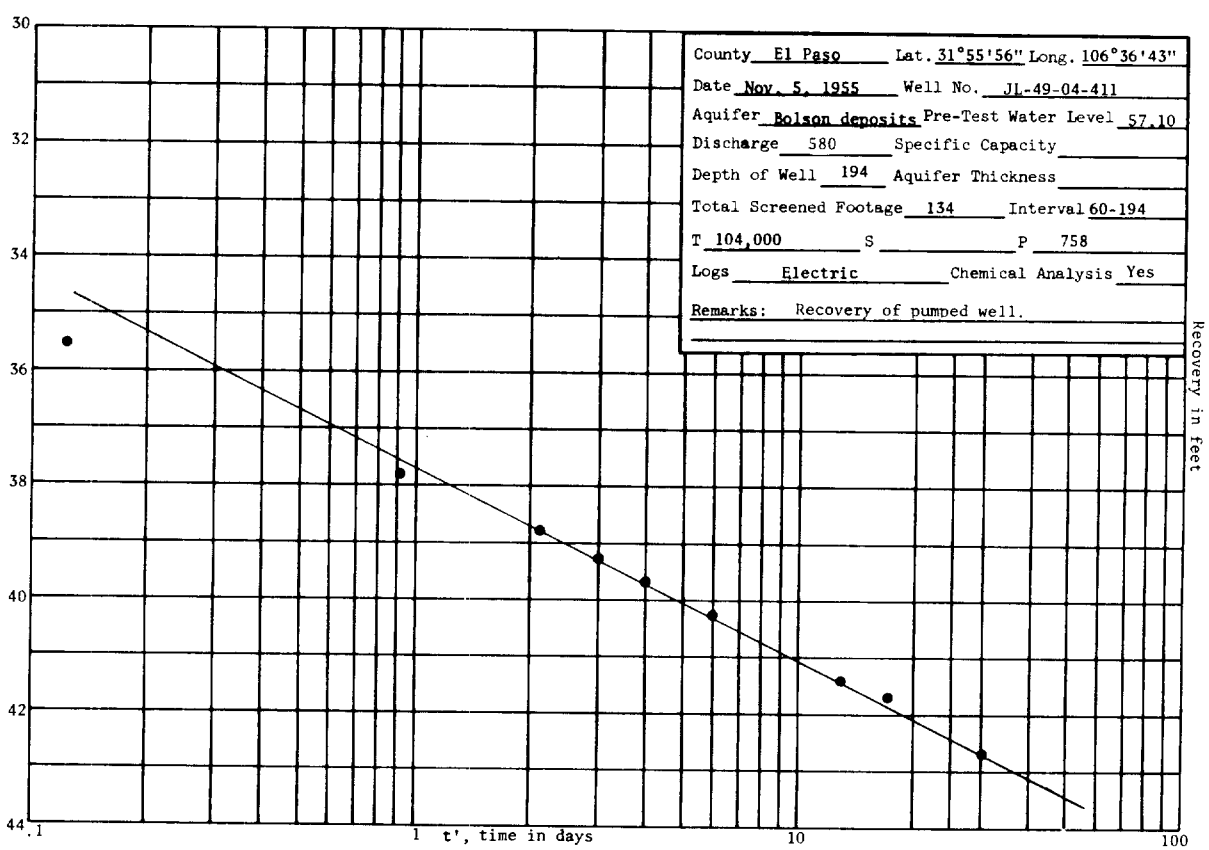

County El Paso Lat. 31°56'17" Long. 106°36'56"
Date Nov. 5, 1955 Well No. JL-49-04-403
Aquifer Bolson deposits Pre-Test Water Level 68.35
Discharge 1,100 Specific Capacity 22.0
Depth of Well 160 Aquifer Thickness
Total Screened Footage 79 Interval 76-155
T 140,000 S P 1,770
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
48
49
50
51
52
53
54
55
.1
1
time in days
10
100
Recovery in feet

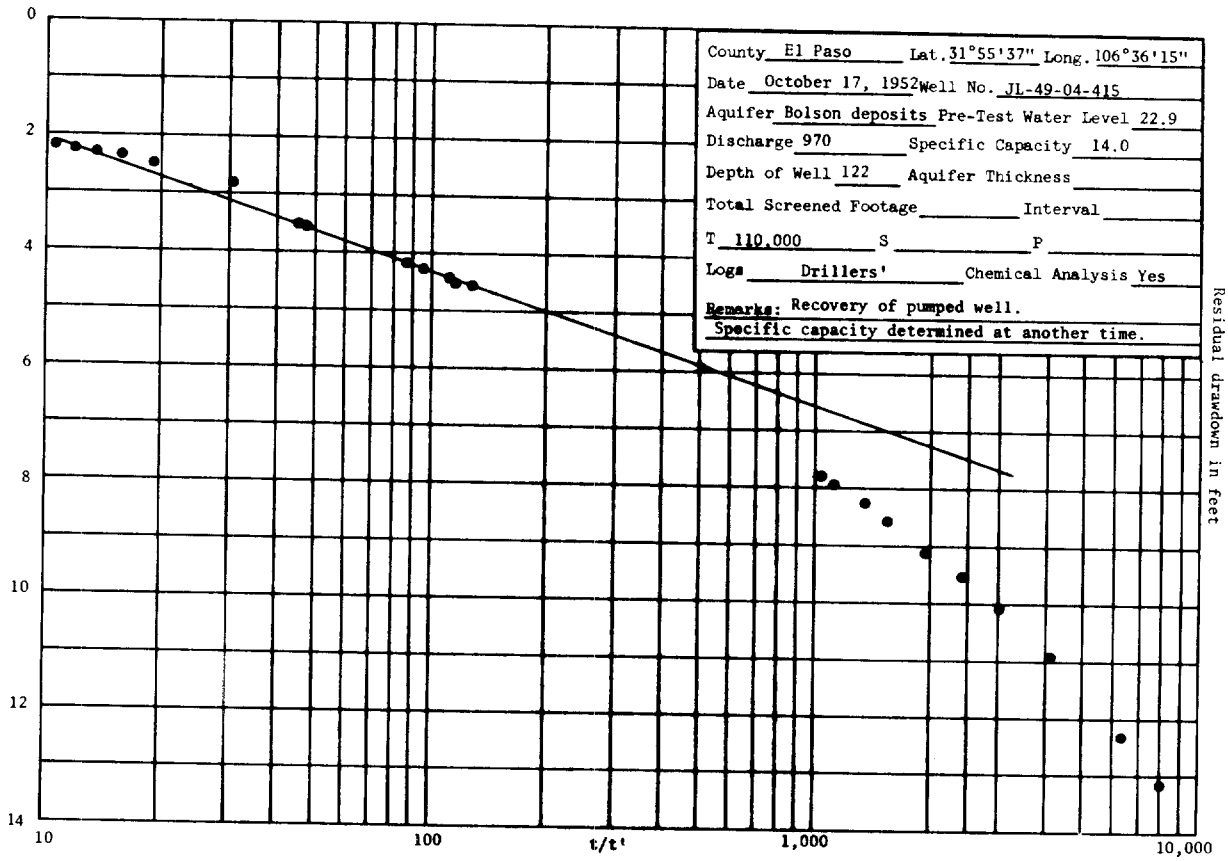

County El Paso Lat. 31°56'18" Long. 106°37'04"
Date August 25, 1964 Well No. JL-49-04-404
Aquifer Bolson deposits Pre-Test Water Level 85.57
Discharge 1,600 Specific Capacity 18.7
Depth of Well 405 Aquifer Thickness
Total Screened Footage 184 Interval 220-404
T 46,400 S P 252
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
5
10
15
20
25
1
10
t/t'
100
1,000
Residual drawdown in feet

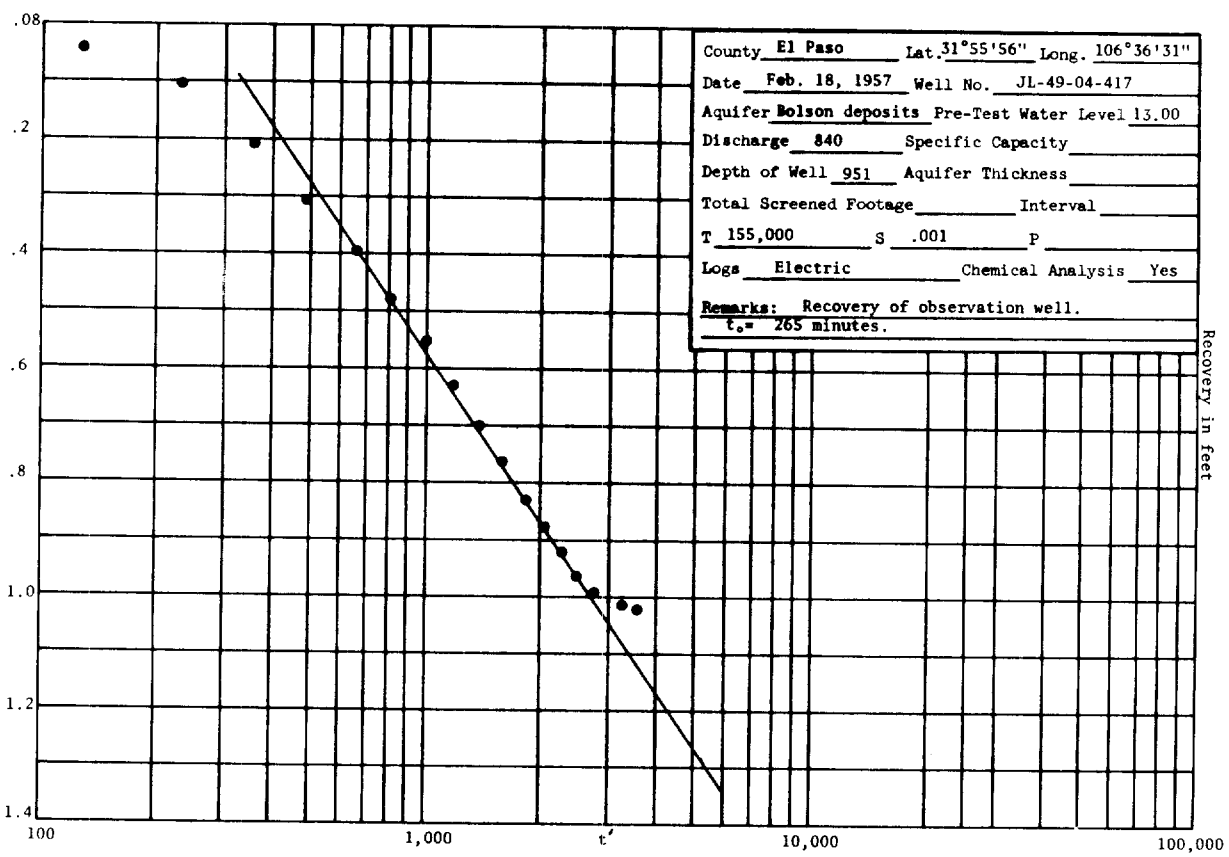

County El Paso Lat. 31°55'57" Long. 106°36'43"
Date March 8, 1961 Well No. JL-49-04-410
Aquifer Santa Fe group Pre-Test Water Level 86.94
Discharge 1,200 Specific Capacity 15.9 (8 hrs)
Depth of Well 461 Aquifer Thickness
Total Screened Footage 189 Interval 255-444
T 34,800 S P 184
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
1
3
5
7
9
11
13
15
1
10
t/t'
100
1,000

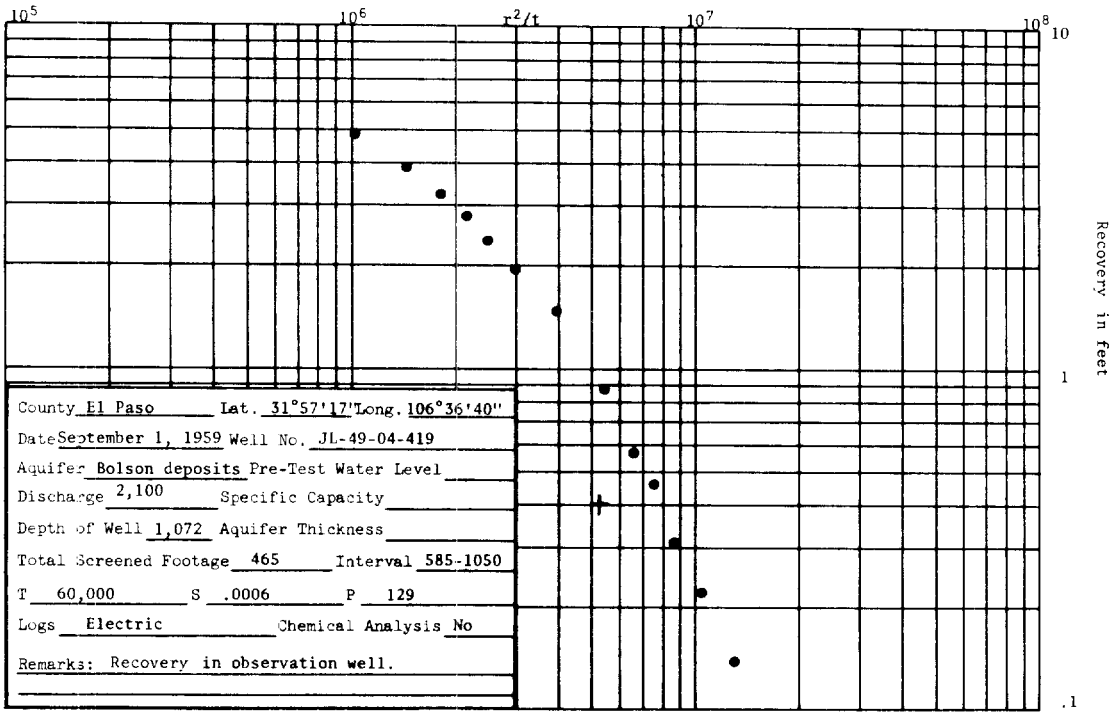

County El Paso Lat. 31°56'17" Long. 106°36'42"
Date Nov.5, 1955 Well No. JL-49-04-405
Aquifer Alluvium Pre-Test Water Level 36.8
Discharge 1,380 Specific Capacity 61.0
Depth of Well 170 Aquifer Thickness
Total Screened Footage 118 Interval 52-170
T 121,000 S P 1,020
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
19
20
21
22
23
24
25
26
.1
1
time in days
10
100


County El Paso Lat. 31°55'57" Long. 106°36'18"
Date November 1955 Well No. JL-49-04-412
Aquifer Bolson deposits Pre-Test Water Level 63.89
Discharge 1,100 Specific Capacity
Depth of Well 160 Aquifer Thickness
Total Screened Footage 82 Interval 59-160
T 150,000 S P 1,780
Logs Electric Chemical Analysis Yes
Remarks: Recovery of an observation well.
Depth to water in feet
time in days
24
22
20
18
16
14
12
10
.1
1.0
10
100

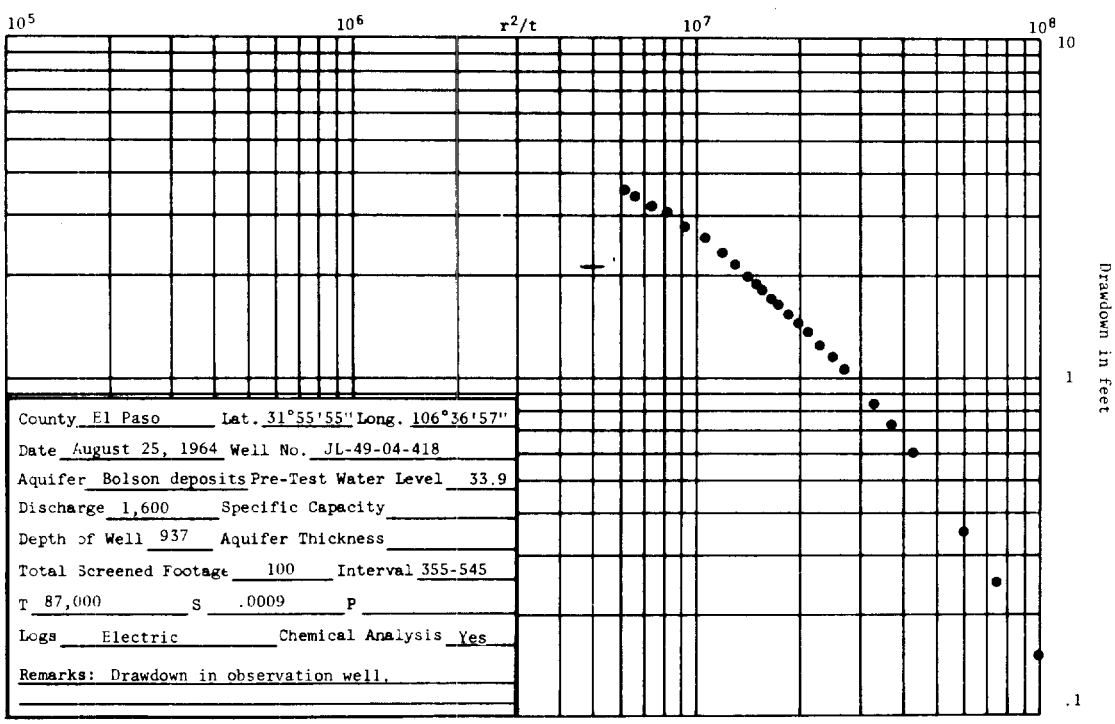

County El Paso Lat. 31°55'56" Long. 106°36'43"
Date Nov. 5, 1955 Well No. JL-49-04-411
Aquifer Bolson deposits Pre-Test Water Level 57.10
Discharge 580 Specific Capacity
Depth of Well 194 Aquifer Thickness
Total Screened Footage 134 Interval 60-194
T 104,000 S P 758
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
t', time in days
30
32
34
36
38
40
42
44
.1
1
10
100


County El Paso Lat. 31°55'37" Long. 106°36'15"
Date October 17, 1952 Well No. JL-49-04-415
Aquifer Bolson deposits Pre-Test Water Level 22.9
Discharge 970 Specific Capacity 14.0
Depth of Well 122 Aquifer Thickness
Total Screened Footage Interval
T 110,000 S P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
Specific capacity determined at another time.
0
2
4
6
8
10
12
14
10
100
t/t'
1,000
10,000
Residual drawdown in feet

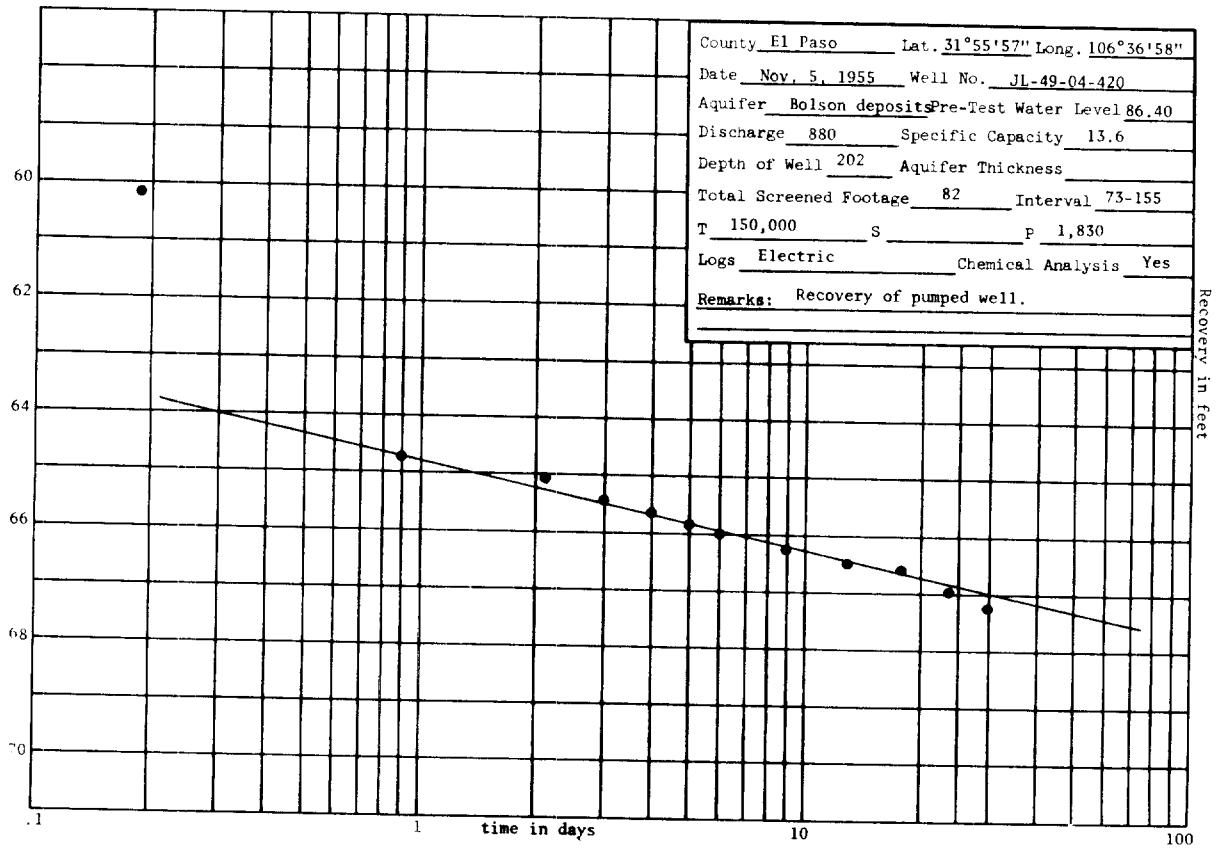

County El Paso Lat. 31°55'56" Long. 106°36'31"
Date Feb. 18, 1957 Well No. JL-49-04-417
Aquifer Bolson deposits Pre-Test Water Level 13.00
Discharge 840 Specific Capacity
Depth of Well 951 Aquifer Thickness
Total Screened Footage Interval
T 155,000 S .001 P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.
t_p = 265 minutes.
.08
.2
.4
.6
.8
1.0
1.2
1.4
100
1,000
t'
10,000
100,000
Recovery in feet

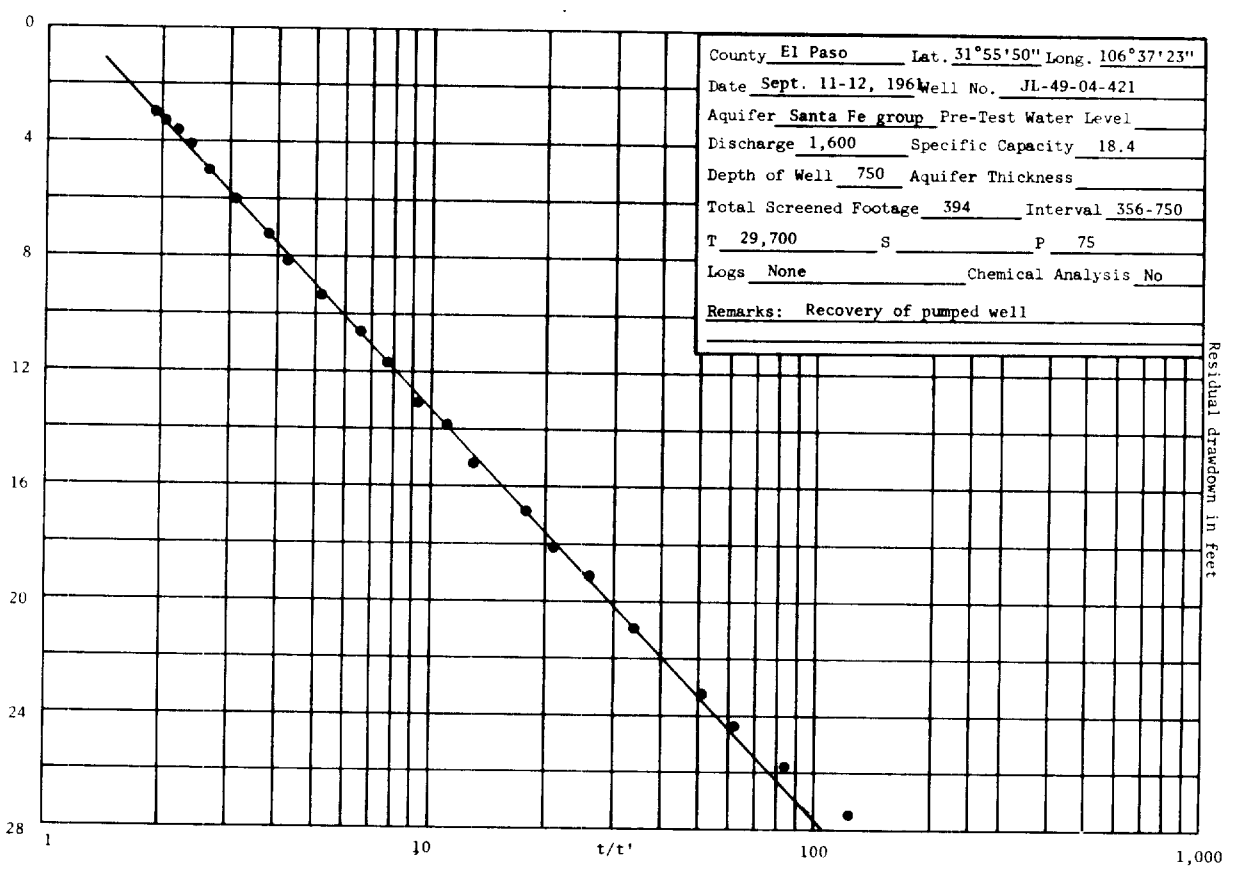


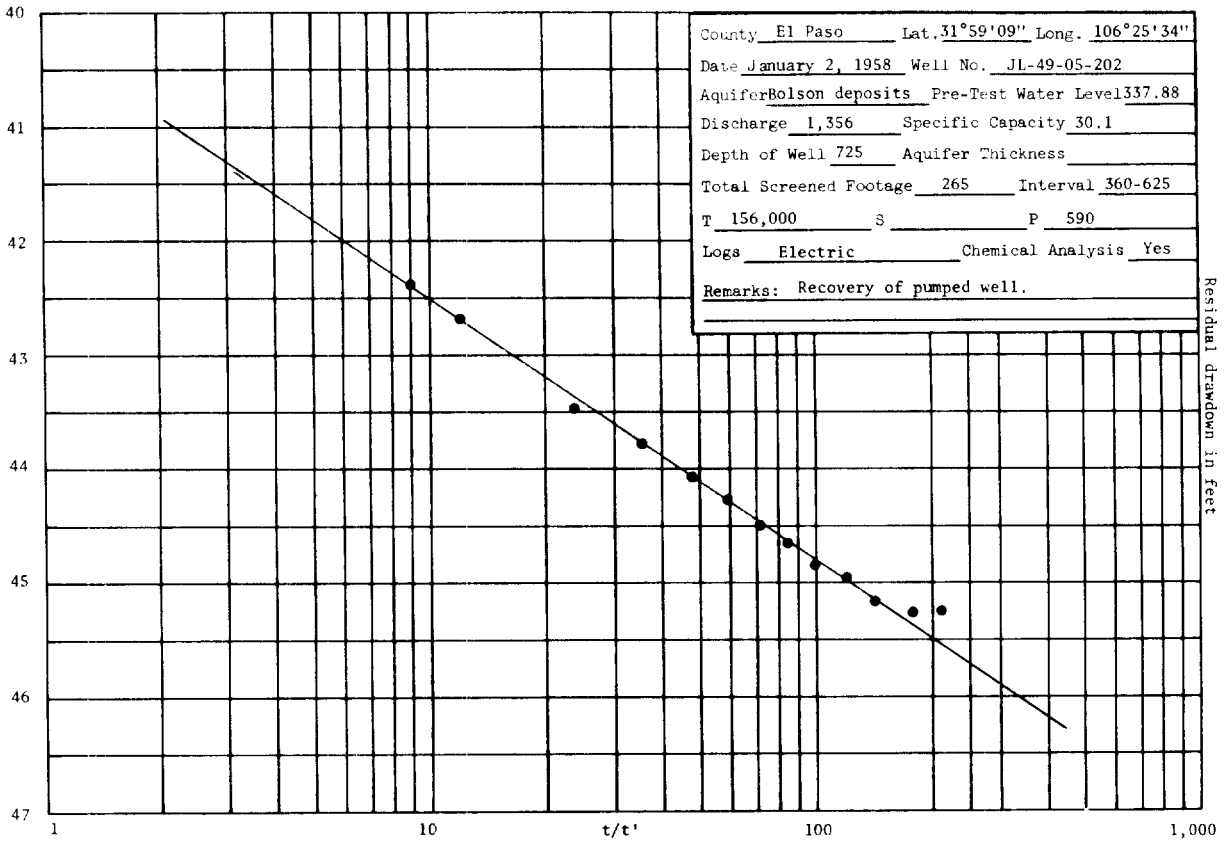
County El Paso Lat. 31°57'17"Long. 106°36'40"
Date September 1, 1959 Well No. JL-49-04-419
Aquifer Bolson deposits Pre-Test Water Level
Discharge 2,100 Specific Capacity
Depth of Well 1,072 Aquifer Thickness
Total Screened Footage 465 Interval 585-1050
T 60,000 S .0006 P 129
Logs Electric Chemical Analysis No
Remarks: Recovery in observation well.

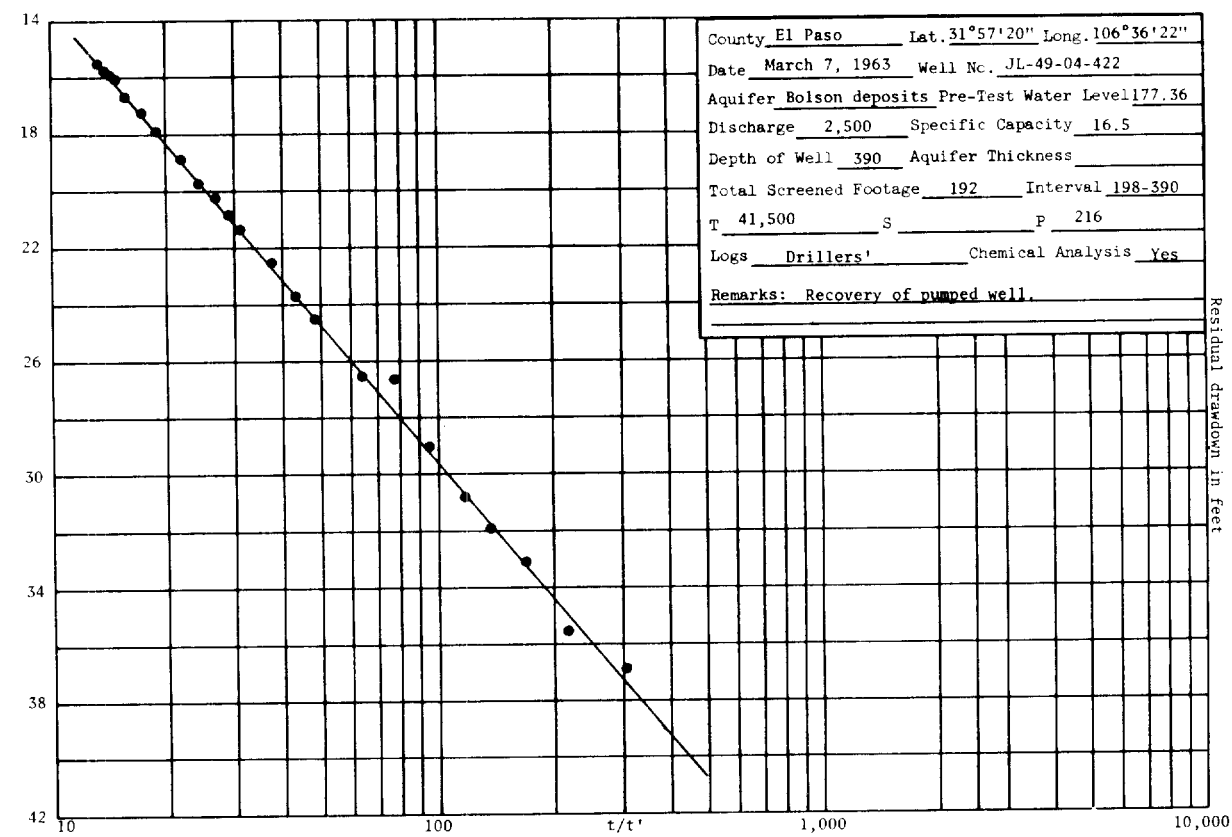


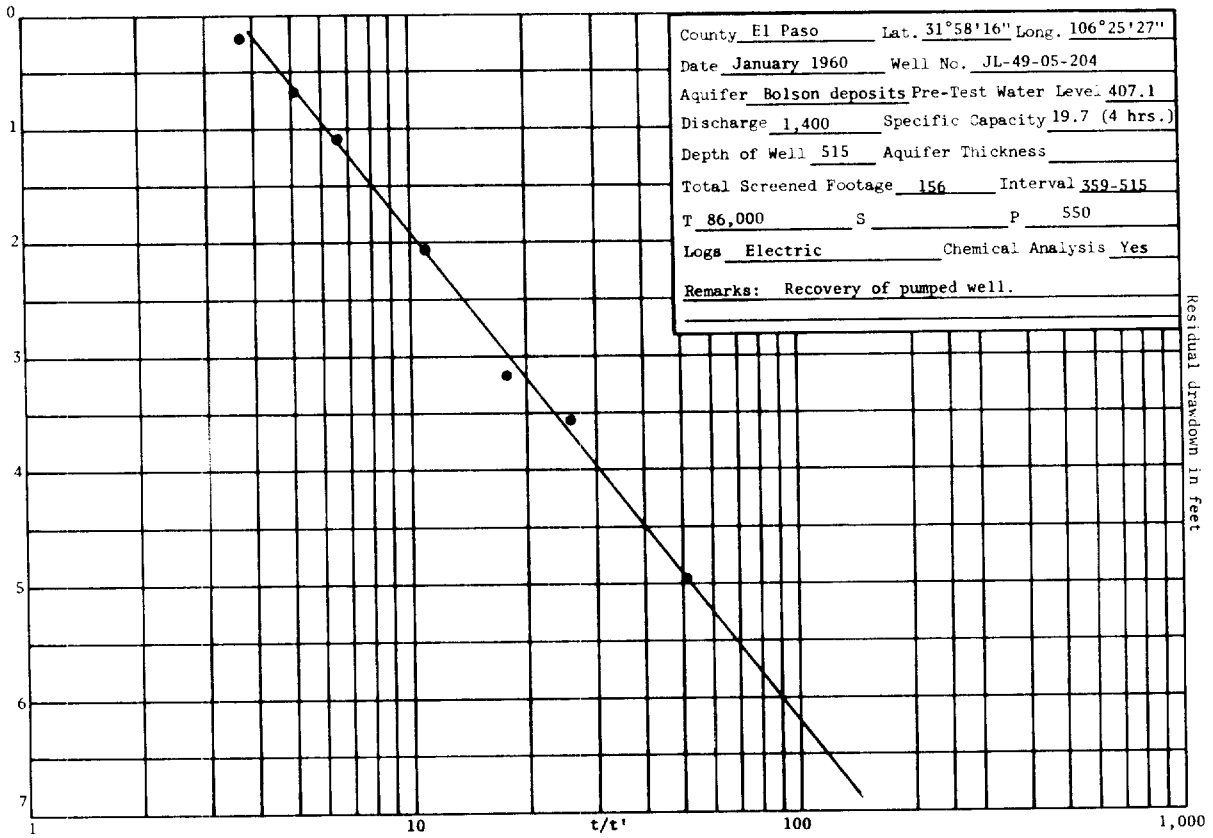
County El Paso Lat. 31°55'55"Long. 106°36'57"
Date August 25, 1964 Well No. JL-49-04-418
Aquifer Bolson deposits Pre-Test Water Level 33.9
Discharge 1,600 Specific Capacity
Depth of Well 937 Aquifer Thickness
Total Screened Footage 100 Interval 355-545
T 87,000 S .0009 P
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

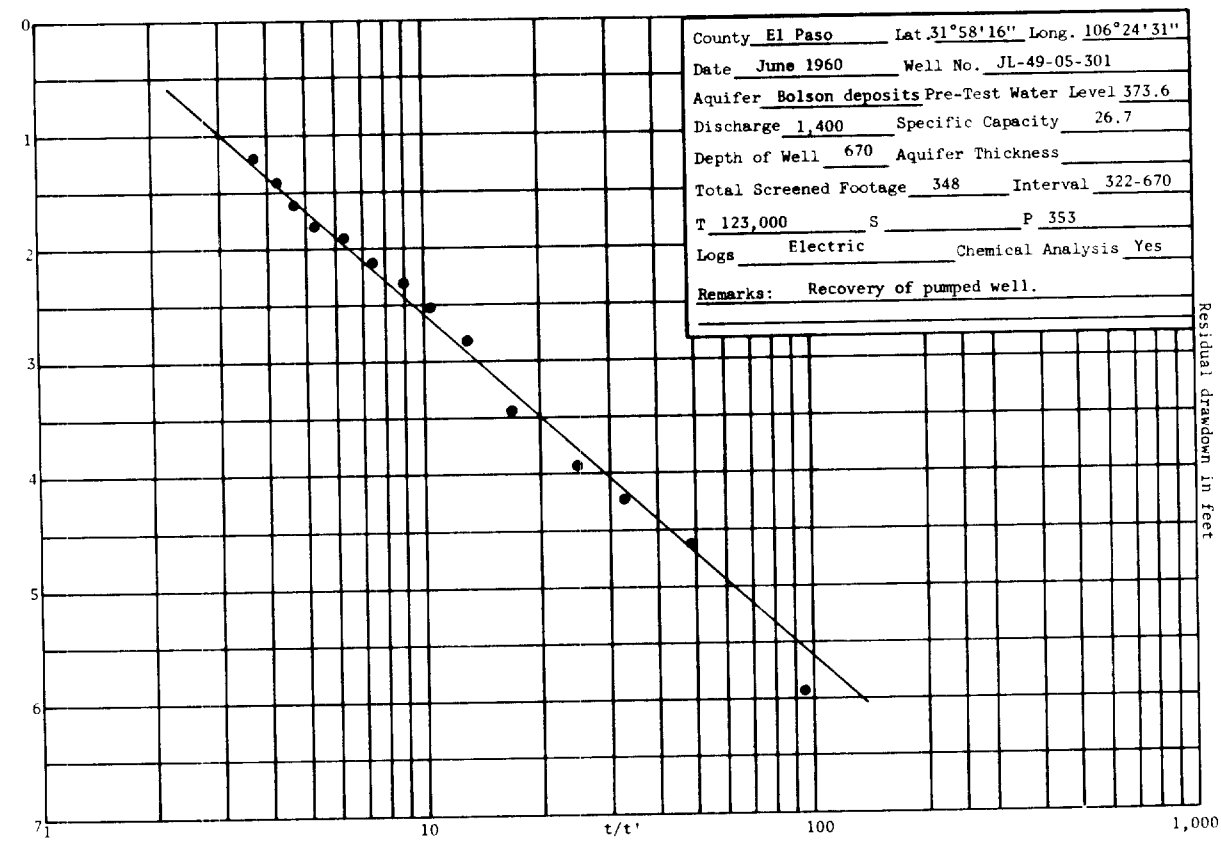

County El Paso Lat. 31°55'57" Long. 106°36'58"
Date Nov. 5, 1955 Well No. JL-49-04-420
Aquifer Bolson deposits Pre-Test Water Level 86.40
Discharge 880 Specific Capacity 13.6
Depth of Well 202 Aquifer Thickness
Total Screened Footage 82 Interval 73-155
T 150,000 S P 1,830
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
60
62
64
66
68
70
.1
1
10
100
time in days
Recovery in feet

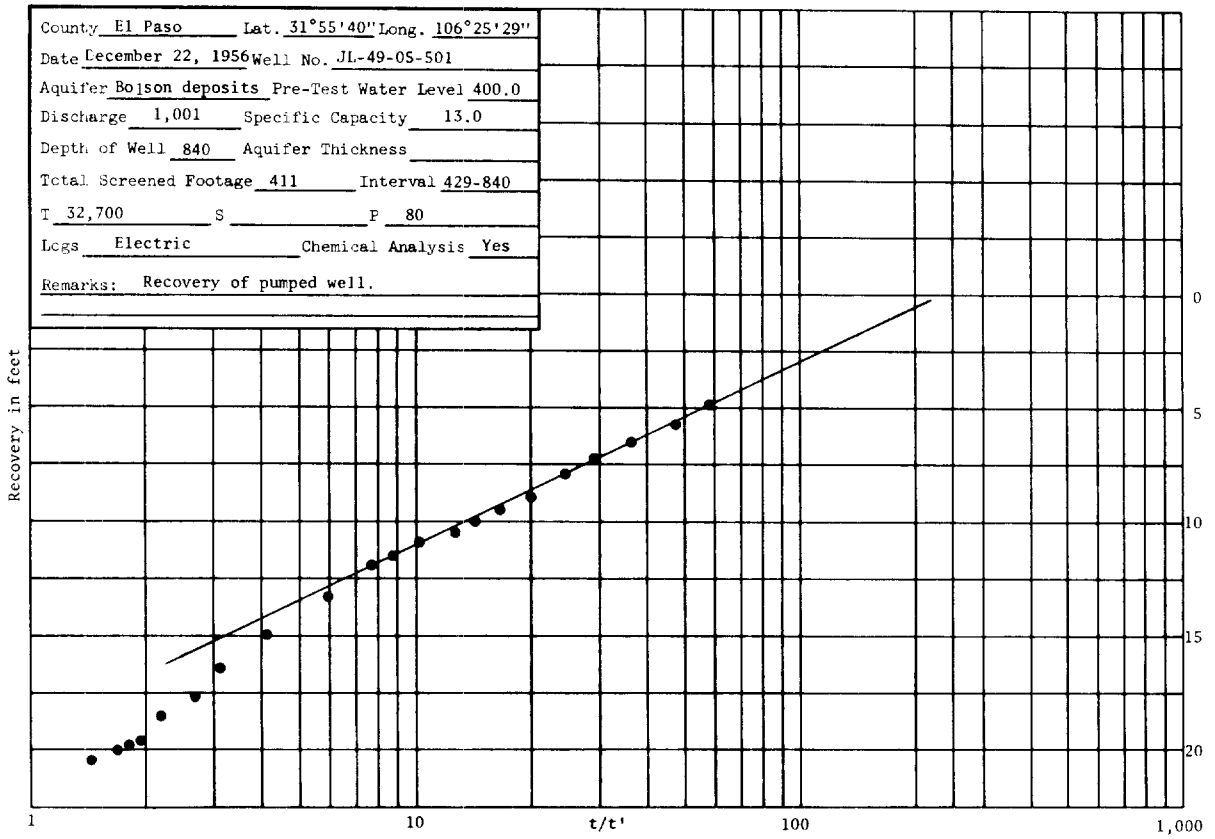

County El Paso Lat. 31°55'50" Long. 106°37'23"
Date Sept. 11-12, 1961 Well No. JL-49-04-421
Aquifer Santa Fe group Pre-Test Water Level
Discharge 1,600 Specific Capacity 18.4
Depth of Well 750 Aquifer Thickness
Total Screened Footage 394 Interval 356-750
T 29,700 S P 75
Logs None Chemical Analysis No
Remarks: Recovery of pumped well
0
4
8
12
16
20
24
28
1
10
100
1,000
t/t'
Residual drawdown in feet

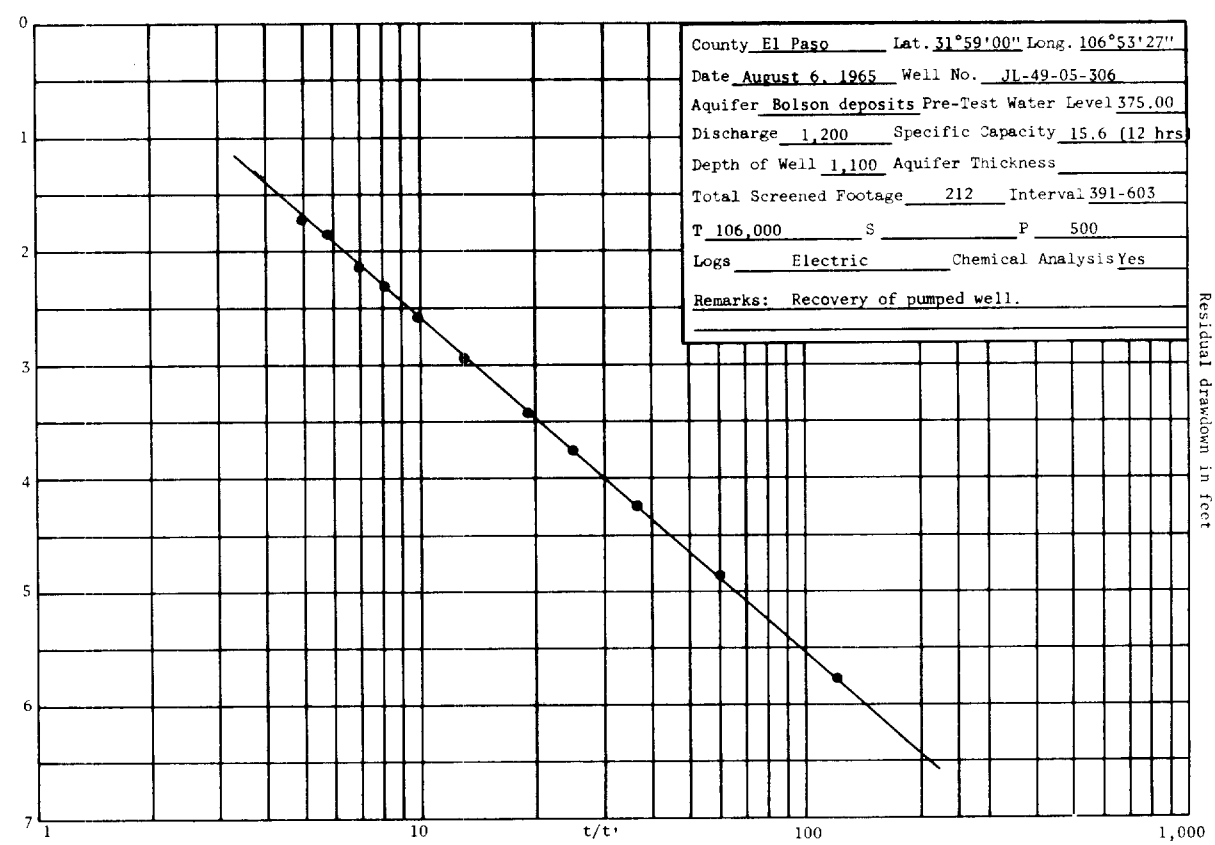

40
41
42
43
44
45
46
47
1
10
t/t'
100
1,000
Residual drawdown in feet
County El Paso Lat. 31°59'09" Long. 106°25'34"
Date January 2, 1958 Well No. JL-49-05-202
Aquifer Bolson deposits Pre-Test Water Level 337.88
Discharge 1,356 Specific Capacity 30.1
Depth of Well 725 Aquifer Thickness
Total Screened Footage 265 Interval 360-625
T 156,000 S P 590
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

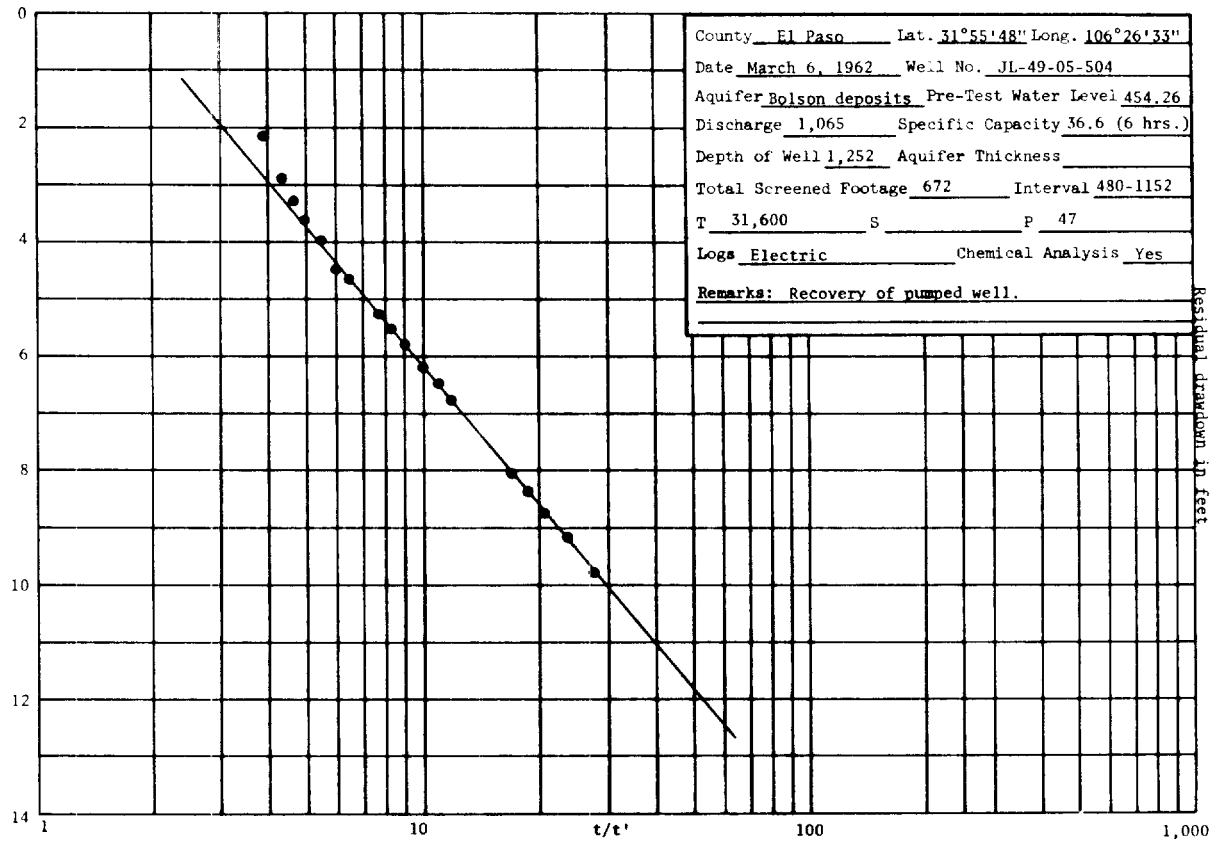

14
18
22
26
30
34
38
42
10
100
t/t'
1,000
10,000
Residual drawdown in feet
County El Paso Lat. 31°57'20" Long. 106°36'22"
Date March 7, 1963 Well No. JL-49-04-422
Aquifer Bolson deposits Pre-Test Water Level 177.36
Discharge 2,500 Specific Capacity 16.5
Depth of Well 390 Aquifer Thickness
Total Screened Footage 192 Interval 198-390
T 41,500 S P 216
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.

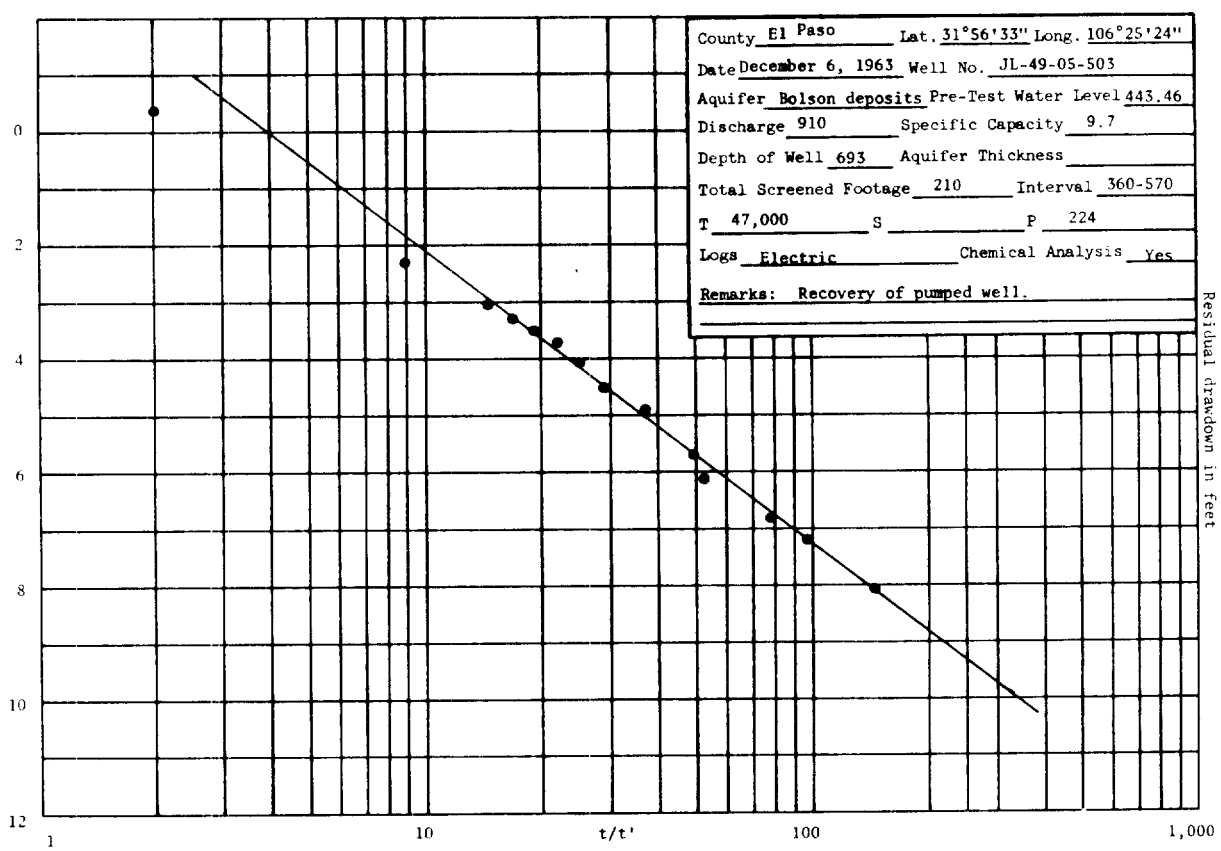

County El Paso Lat. 31°58'16" Long. 106°25'27"
Date January 1960 Well No. JL-49-05-204
Aquifer Bolson deposits Pre-Test Water Level 407.1
Discharge 1,400 Specific Capacity 19.7 (4 hrs.)
Depth of Well 515 Aquifer Thickness
Total Screened Footage 156 Interval 359-515
T 86,000 S P 550
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet

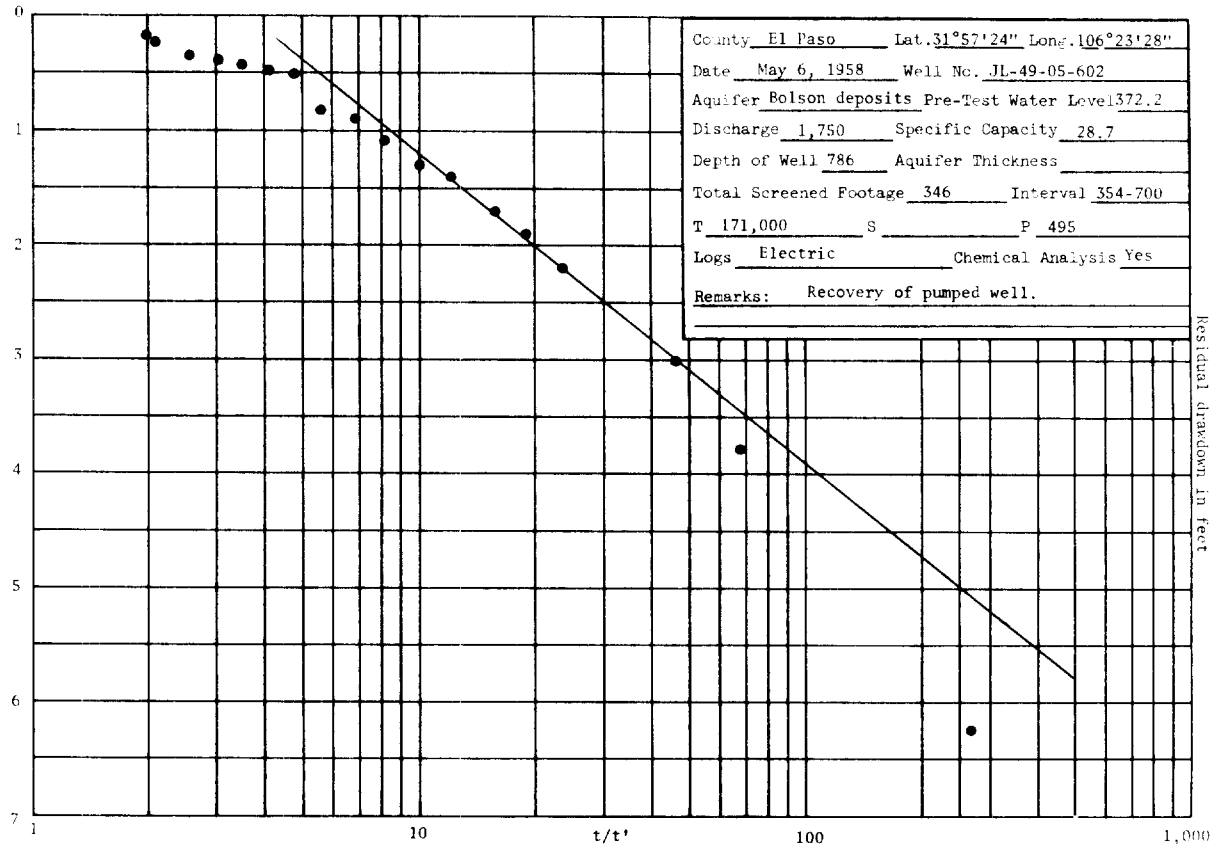

County El Paso Lat. 31°58'16" Long. 106°24'31"
Date June 1960 Well No. JL-49-05-301
Aquifer Bolson deposits Pre-Test Water Level 373.6
Discharge 1,400 Specific Capacity 26.7
Depth of Well 670 Aquifer Thickness
Total Screened Footage 348 Interval 322-670
T 123,000 S P 353
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet

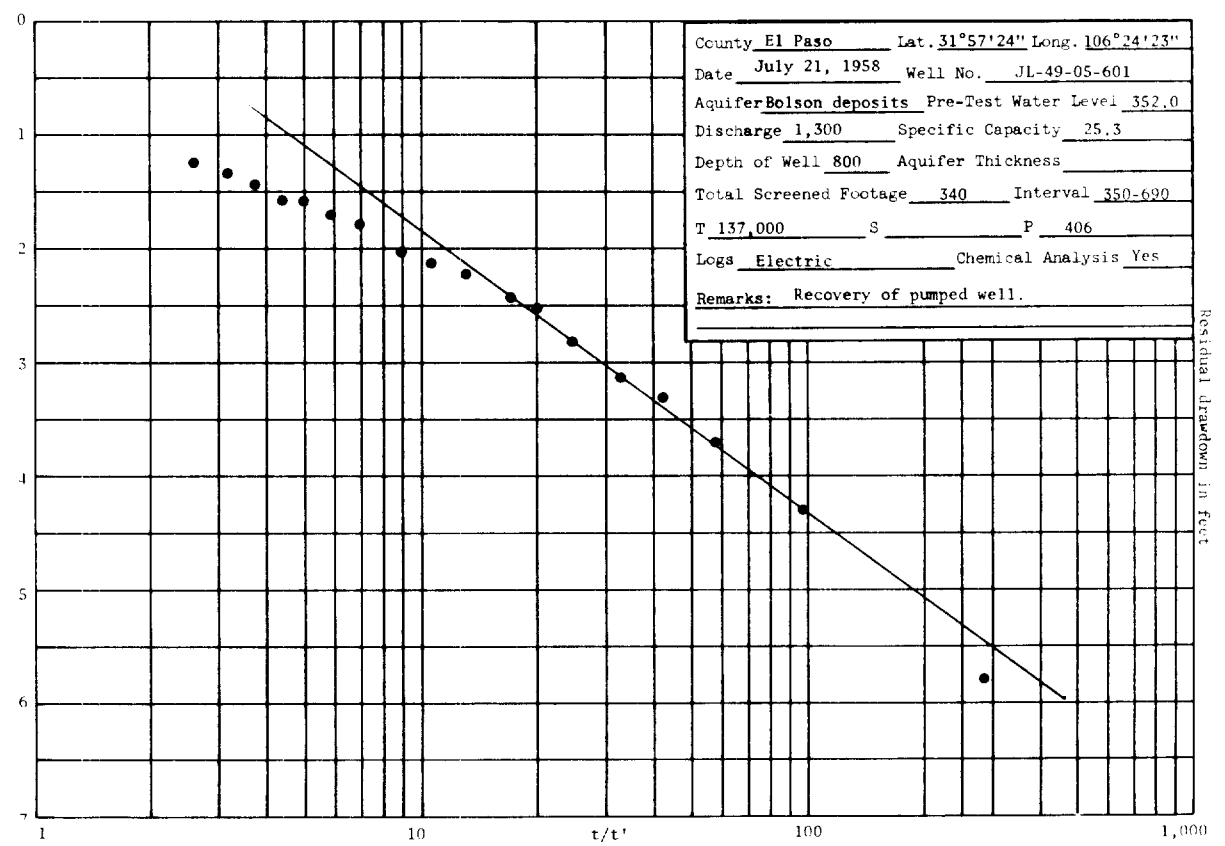

County El Paso Lat. 31°55'40" Long. 106°25'29"
Date December 22, 1956 Well No. JL-49-05-501
Aquifer Bolson deposits Pre-Test Water Level 400.0
Discharge 1,001 Specific Capacity 13.0
Depth of Well 840 Aquifer Thickness
Total Screened Footage 411 Interval 429-840
T 32,700 S P 80
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
0
5
10
15
20
1
10
t/t'
100
1,000

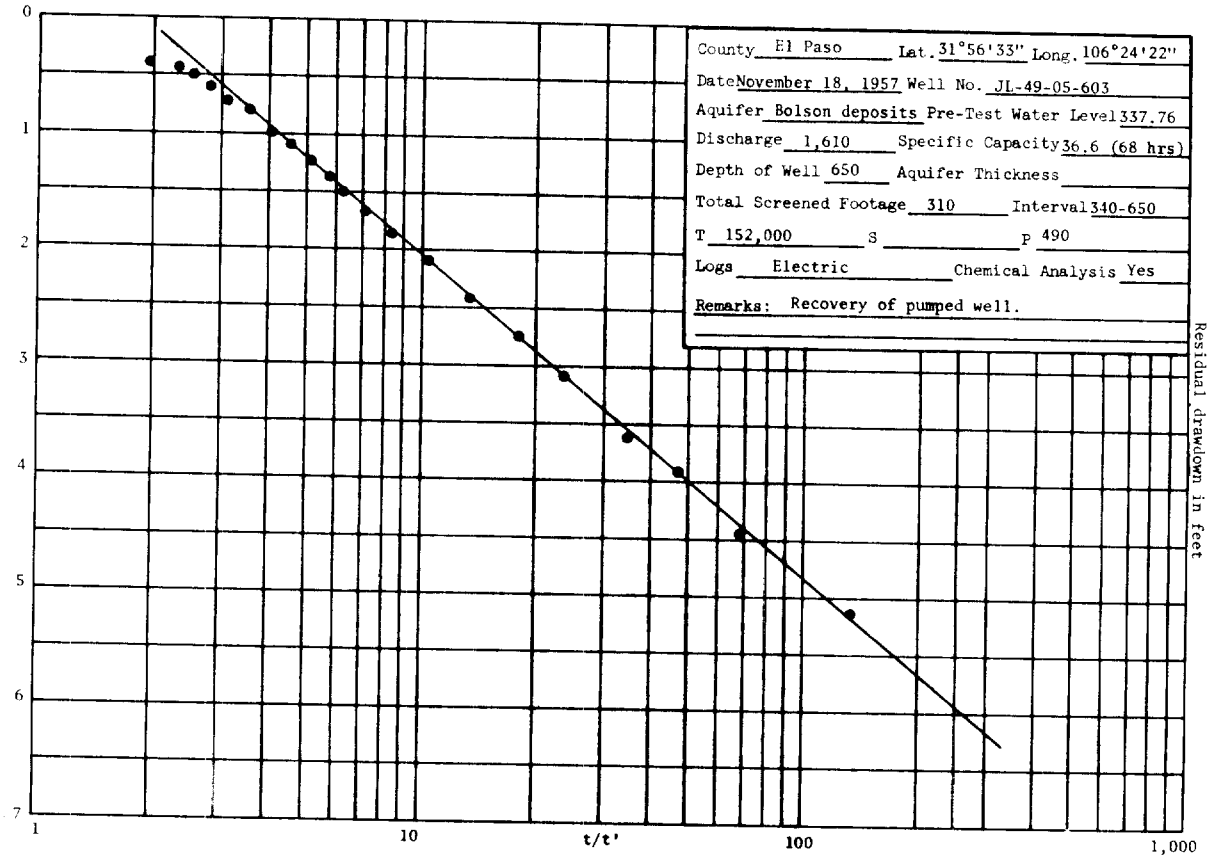

County El Paso Lat. 31°59'00" Long. 106°53'27"
Date August 6, 1965 Well No. JL-49-05-306
Aquifer Bolson deposits Pre-Test Water Level 375.00
Discharge 1,200 Specific Capacity 15.6 (12 hrs)
Depth of Well 1,100 Aquifer Thickness
Total Screened Footage 212 Interval 391-603
T 106,000 S P 500
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000

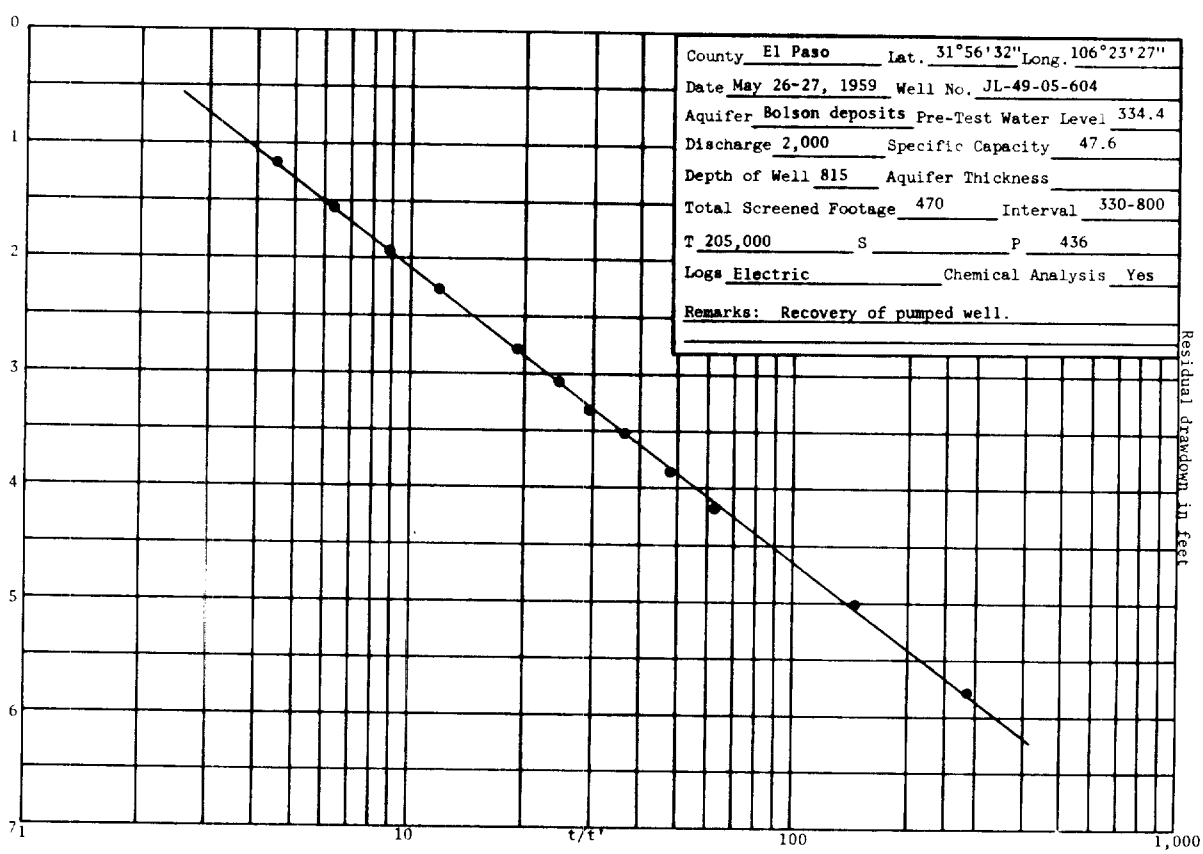

County El Paso Lat. 31°55'48" Long. 106°26'33"
Date March 6, 1962 Well No. JL-49-05-504
Aquifer Bolson deposits Pre-Test Water Level 454.26
Discharge 1,065 Specific Capacity 36.6 (6 hrs.)
Depth of Well 1,252 Aquifer Thickness
Total Screened Footage 672 Interval 480-1152
T 31,600 S P 47
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
2
4
6
8
10
12
14
1
10
t/t'
100
1,000

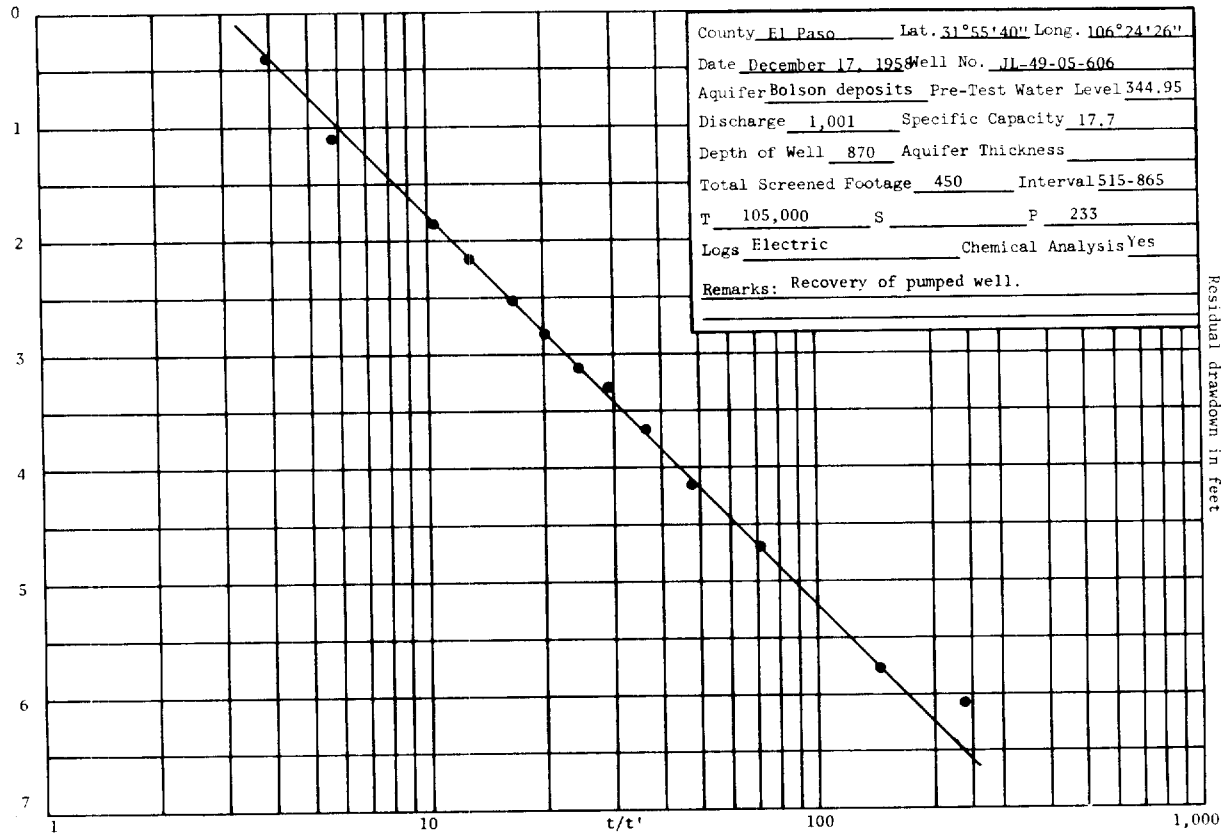

County El Paso Lat. 31°56'33" Long. 106°25'24"
Date December 6, 1963 Well No. JL-49-05-503
Aquifer Bolson deposits Pre-Test Water Level 443.46
Discharge 910 Specific Capacity 9.7
Depth of Well 693 Aquifer Thickness
Total Screened Footage 210 Interval 360-570
T 47,000 S P 224
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
2
4
6
8
10
12
1
10
t/t'
100
1,000

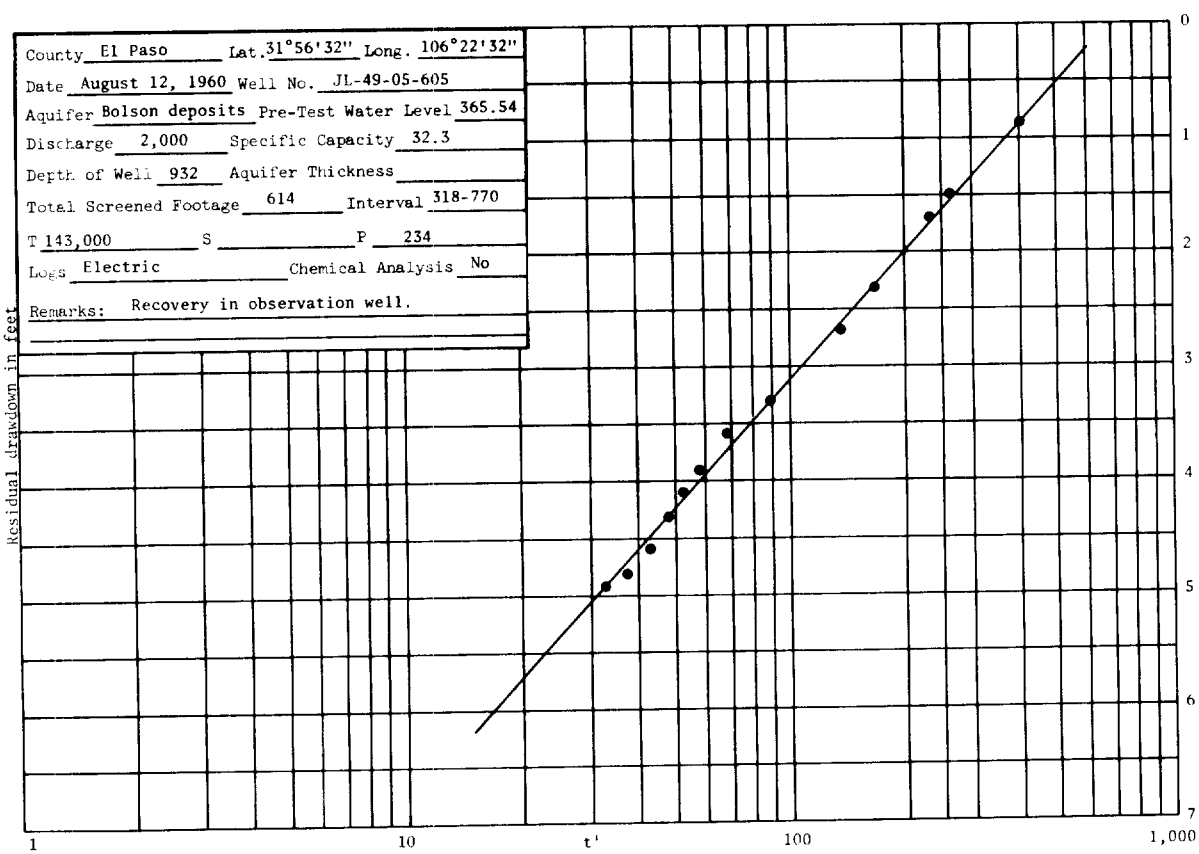

County El Paso Lat. 31°57'24" Long. 106°23'28"
Date May 6, 1958 Well No. JL-49-05-602
Aquifer Bolson deposits Pre-Test Water Level 372.2
Discharge 1,750 Specific Capacity 28.7
Depth of Well 786 Aquifer Thickness
Total Screened Footage 346 Interval 354-700
T 171,000 S P 495
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
0
1
2
3
4
5
6
7
1
10
100
1,000

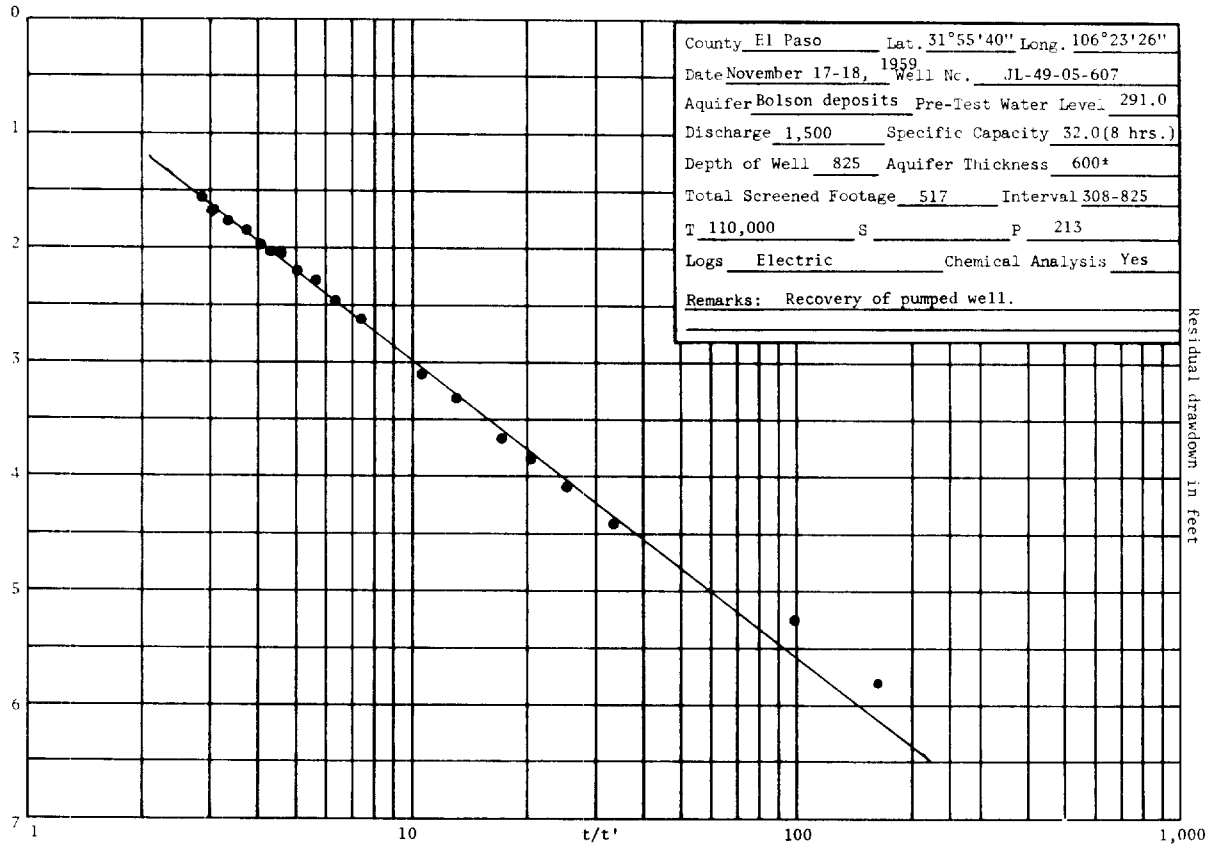

County El Paso Lat. 31°57'24" Long. 106°24'23"
Date July 21, 1958 Well No. JL-49-05-601
Aquifer Bolson deposits Pre-Test Water Level 352.0
Discharge 1,300 Specific Capacity 25.3
Depth of Well 800 Aquifer Thickness
Total Screened Footage 340 Interval 350-690
T 137,000 S P 406
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
0
1
2
3
4
5
6
7
1
10
100
1,000

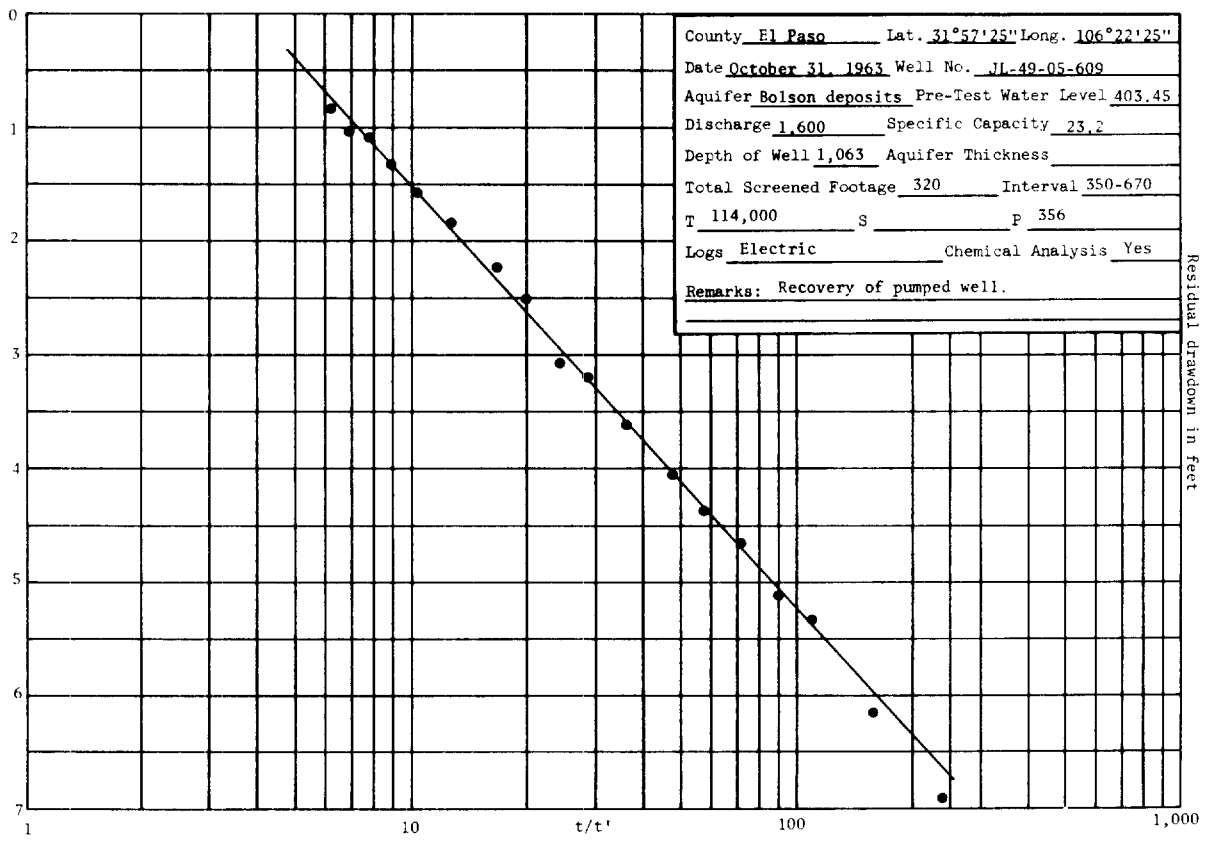

County El Paso Lat. 31°56'33" Long. 106°24'22"
Date November 18, 1957 Well No. JL-49-05-603
Aquifer Bolson deposits Pre-Test Water Level 337.76
Discharge 1,610 Specific Capacity 36.6 (68 hrs)
Depth of Well 650 Aquifer Thickness
Total Screened Footage 310 Interval 340-650
T 152,000 S P 490
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
0
1
2
3
4
5
6
7
1
10
100
1,000

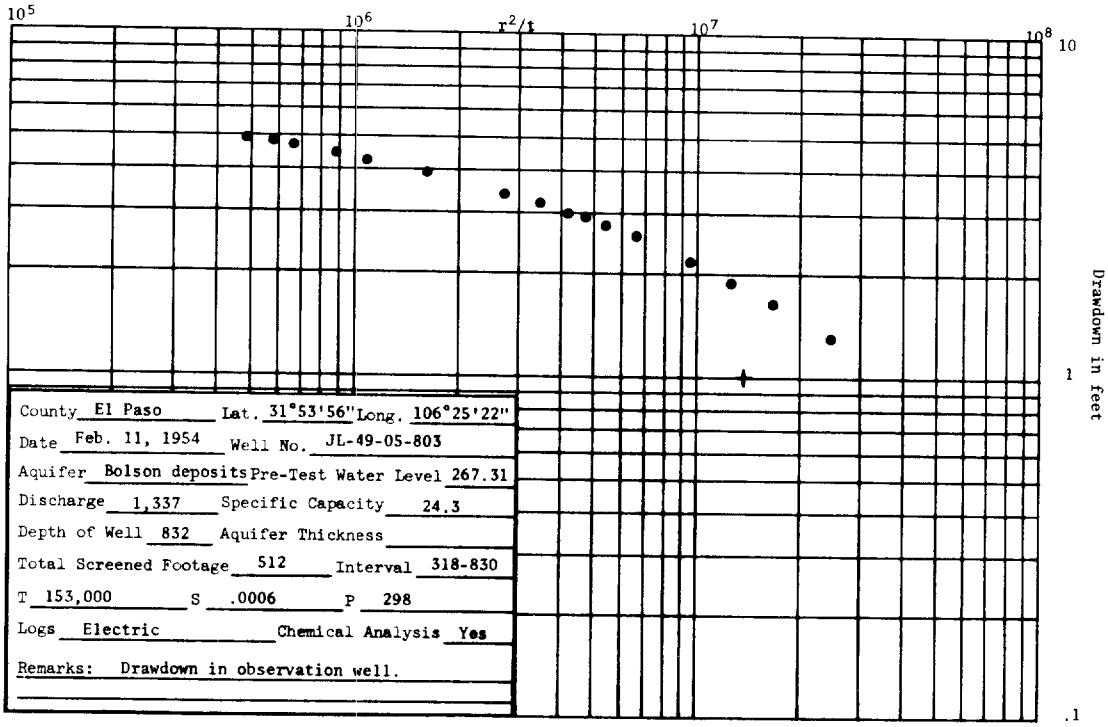

County El Paso Lat. 31°56'32" Long. 106°23'27"
Date May 26-27, 1959 Well No. JL-49-05-604
Aquifer Bolson deposits Pre-Test Water Level 334.4
Discharge 2,000 Specific Capacity 47.6
Depth of Well 815 Aquifer Thickness
Total Screened Footage 470 Interval 330-800
T 205,000 S P 436
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
0
1
2
3
4
5
6
7
1
10
100
1,000


County El Paso Lat. 31°55'40" Long. 106°24'26"
Date December 17, 1958 Well No. JL-49-05-606
Aquifer Bolson deposits Pre-Test Water Level 344.95
Discharge 1,001 Specific Capacity 17.7
Depth of Well 870 Aquifer Thickness
Total Screened Footage 450 Interval 515-865
T 105,000 S P 233
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000

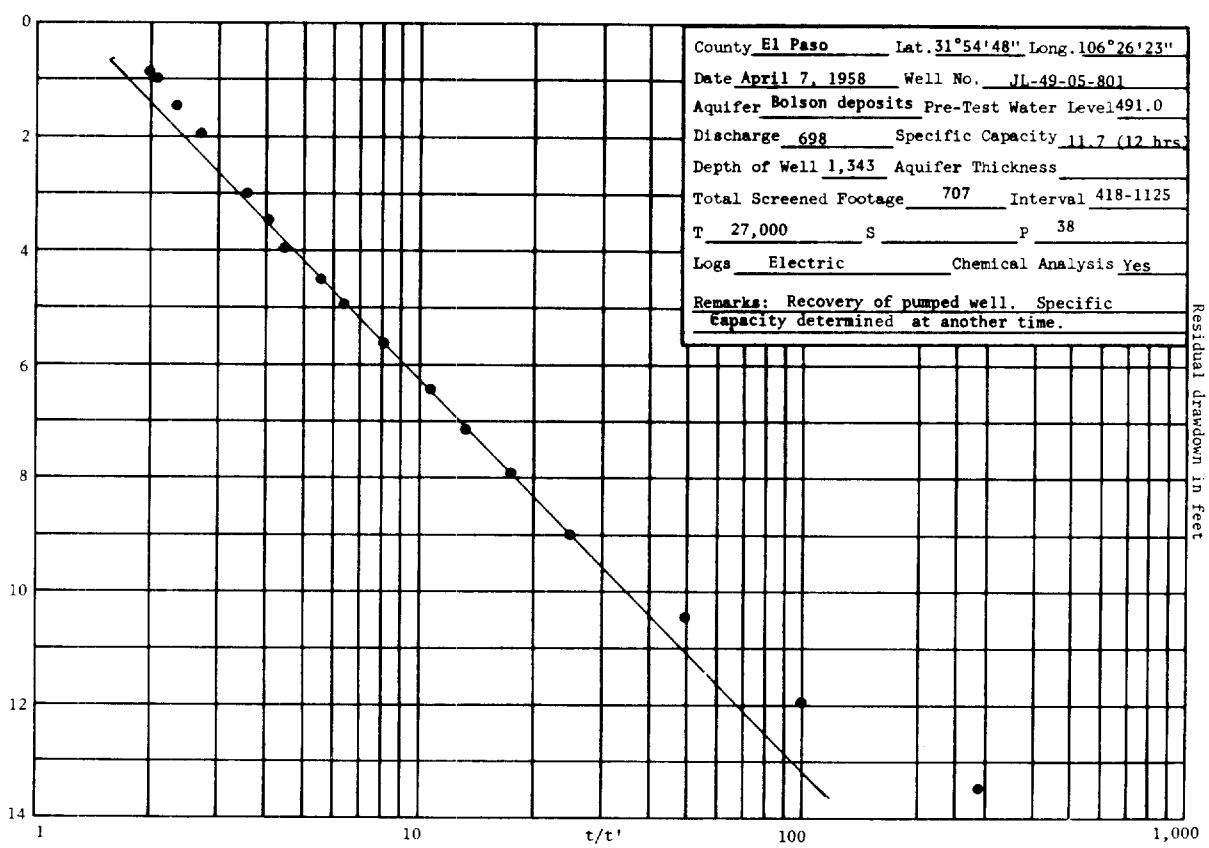

County El Paso Lat. 31°56'32" Long. 106°22'32"
Date August 12, 1960 Well No. JL-49-05-605
Aquifer Bolson deposits Pre-Test Water Level 365.54
Discharge 2,000 Specific Capacity 32.3
Depth of Well 932 Aquifer Thickness
Total Screened Footage 614 Interval 318-770
T 143,000 S P 234
Logs Electric Chemical Analysis No
Remarks: Recovery in observation well.
Residual drawdown in feet
0
1
2
3
4
5
6
7
1
10
t'
100
1,000


County El Paso Lat. 31°55'40" Long. 106°23'26"
Date November 17-18, 1959 Well No. JL-49-05-607
Aquifer Bolson deposits Pre-Test Water Level 291.0
Discharge 1,500 Specific Capacity 32.0(8 hrs.)
Depth of Well 825 Aquifer Thickness 600±
Total Screened Footage 517 Interval 308-825
T 110,000 S P 213
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
0
1
2
3
4
5
6
7
1
10
100
1,000

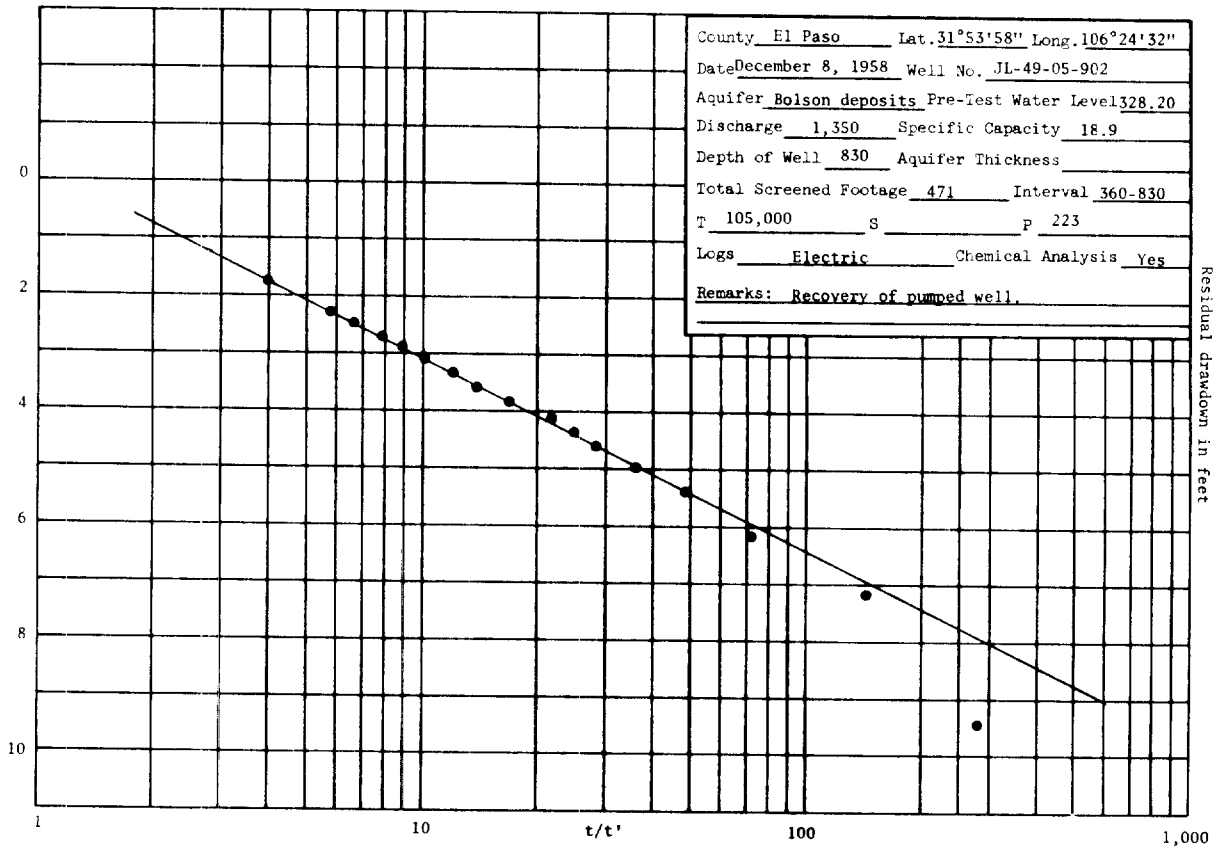

County El Paso Lat. 31°57'25" Long. 106°22'25"
Date October 31, 1963 Well No. JL-49-05-609
Aquifer Bolson deposits Pre-Test Water Level 403.45
Discharge 1,600 Specific Capacity 23.2
Depth of Well 1,063 Aquifer Thickness
Total Screened Footage 320 Interval 350-670
T 114,000 S P 356
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
t/t'
0
1
2
3
4
5
6
7
1
10
100
1,000

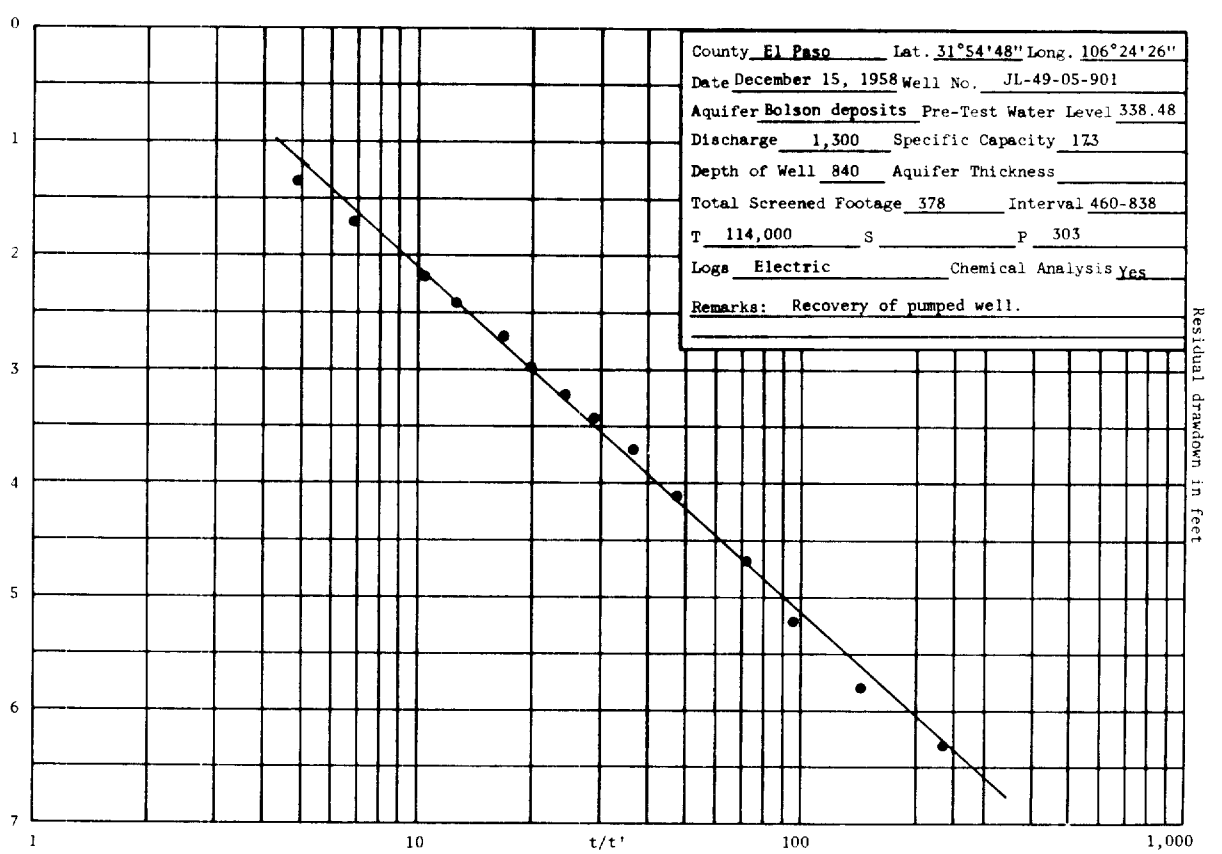


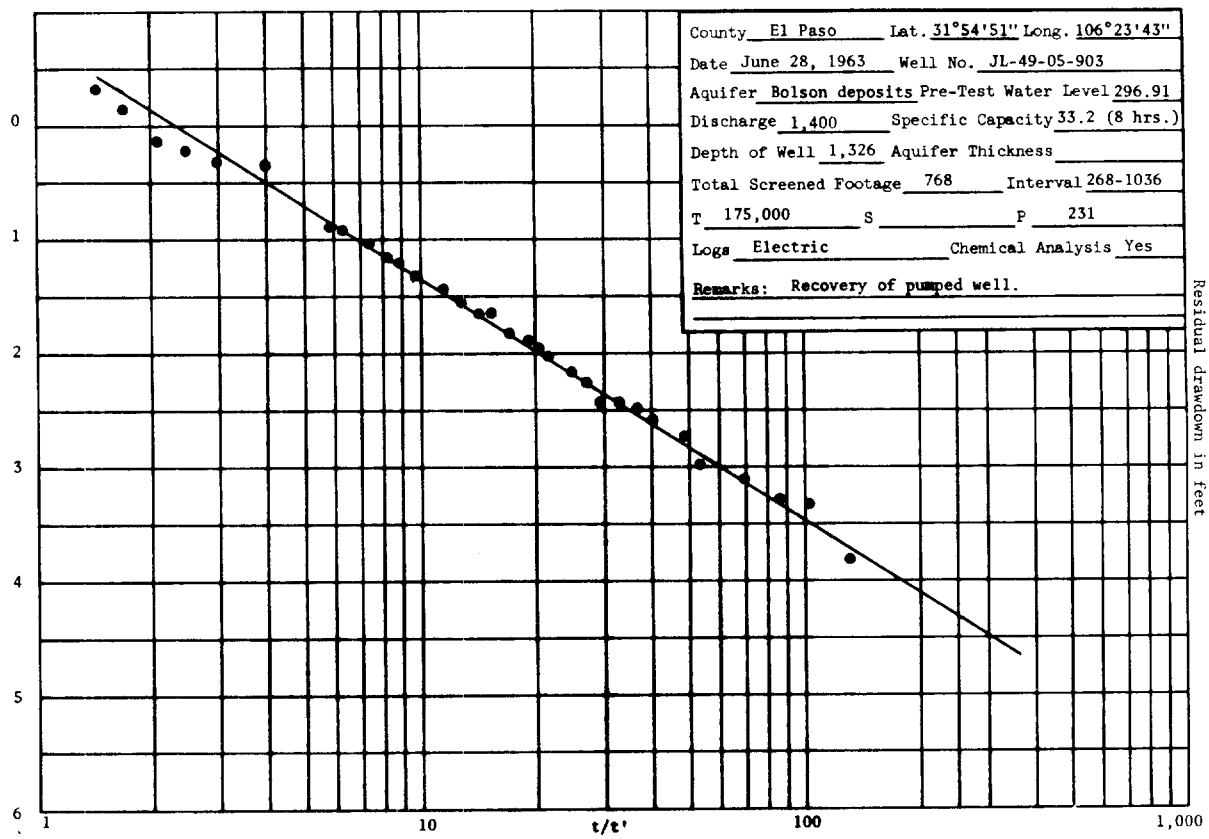
County El Paso Lat. 31°53'56" Long. 106°25'22"
Date Feb. 11, 1954 Well No. JL-49-05-803
Aquifer Bolson deposits Pre-Test Water Level 267.31
Discharge 1,337 Specific Capacity 24.3
Depth of Well 832 Aquifer Thickness
Total Screened Footage 512 Interval 318-830
T 153,000 S .0006 P 298
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

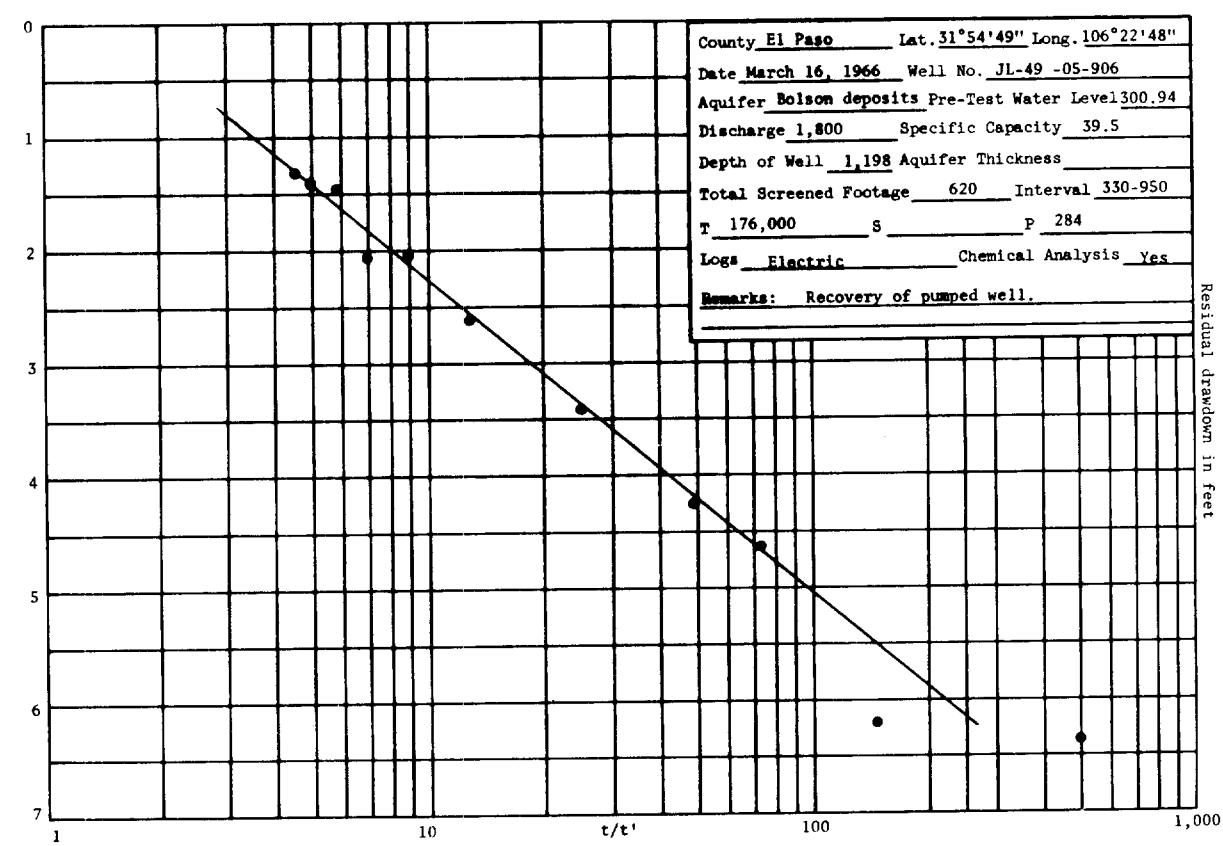


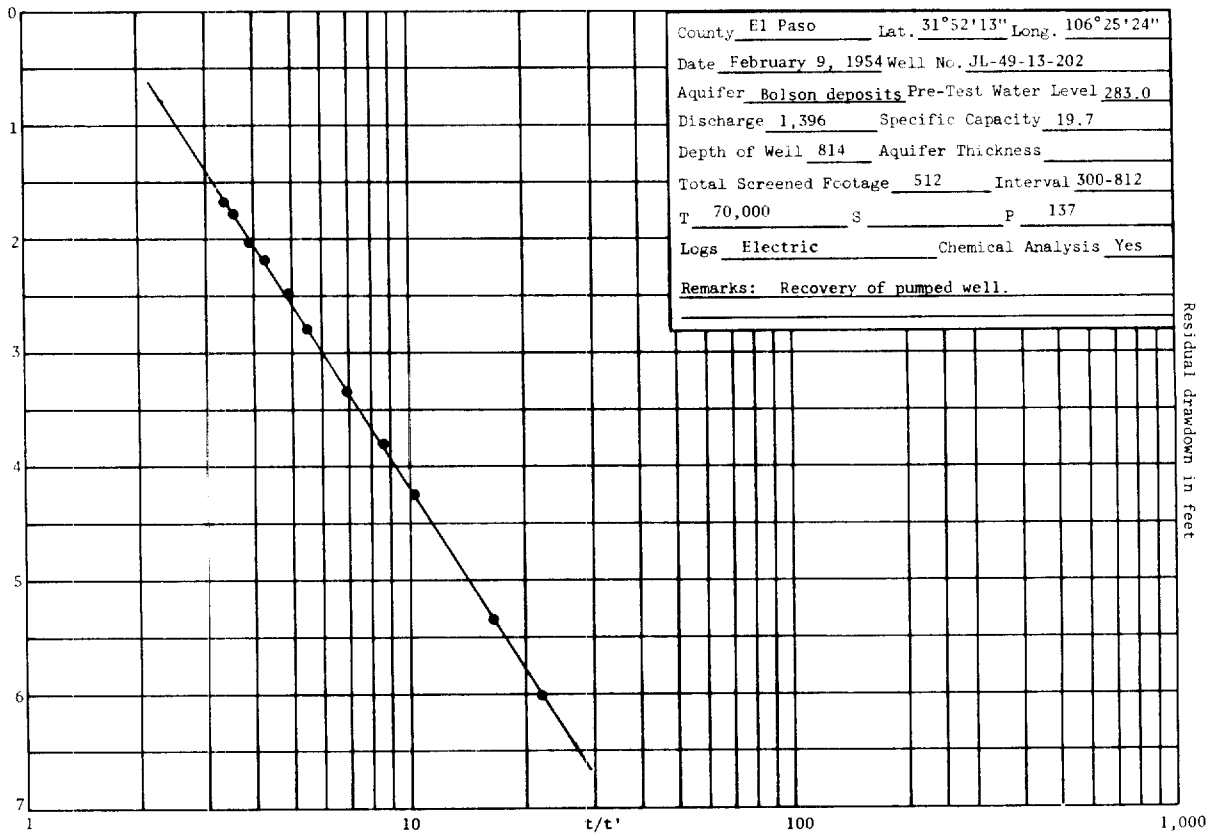
County El Paso Lat. 31°54'48" Long. 106°26'23"
Date April 7, 1958 Well No. JL-49-05-801
Aquifer Bolson deposits Pre-Test Water Level 491.0
Discharge 698 Specific Capacity 11.7 (12 hrs.)
Depth of Well 1,343 Aquifer Thickness
Total Screened Footage 707 Interval 418-1125
T 27,000 S P 38
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well. Specific capacity determined at another time.

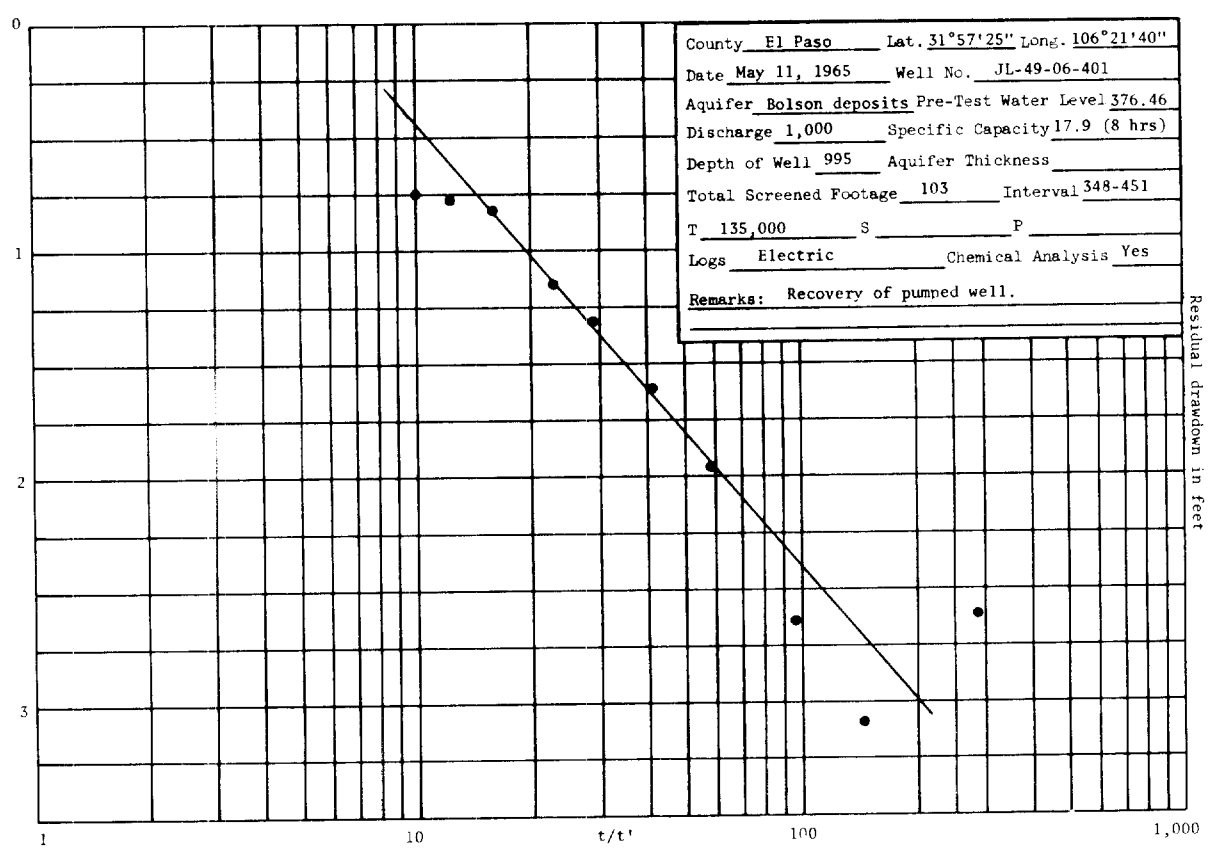

County El Paso Lat. 31°53'58" Long. 106°24'32"
Date December 8, 1958 Well No. JL-49-05-902
Aquifer Bolson deposits Pre-Test Water Level 328.20
Discharge 1,350 Specific Capacity 18.9
Depth of Well 830 Aquifer Thickness
Total Screened Footage 471 Interval 360-830
T 105,000 S P 223
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
2
4
6
8
10
1
10
t/t'
100
1,000
Residual drawdown in feet

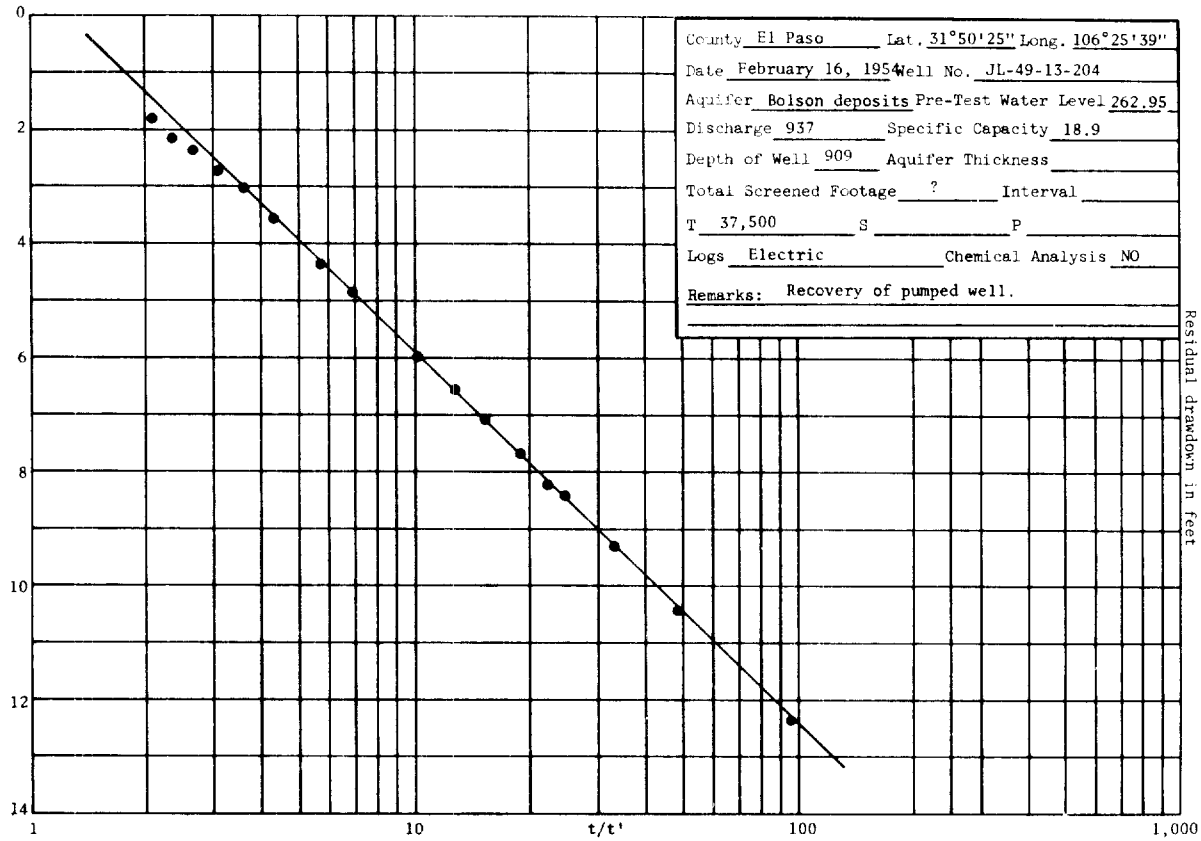

County El Paso Lat. 31°54'48" Long. 106°24'26"
Date December 15, 1958 Well No. JL-49-05-901
Aquifer Bolson deposits Pre-Test Water Level 338.48
Discharge 1,300 Specific Capacity 173
Depth of Well 840 Aquifer Thickness
Total Screened Footage 378 Interval 460-838
T 114,000 S P 303
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet

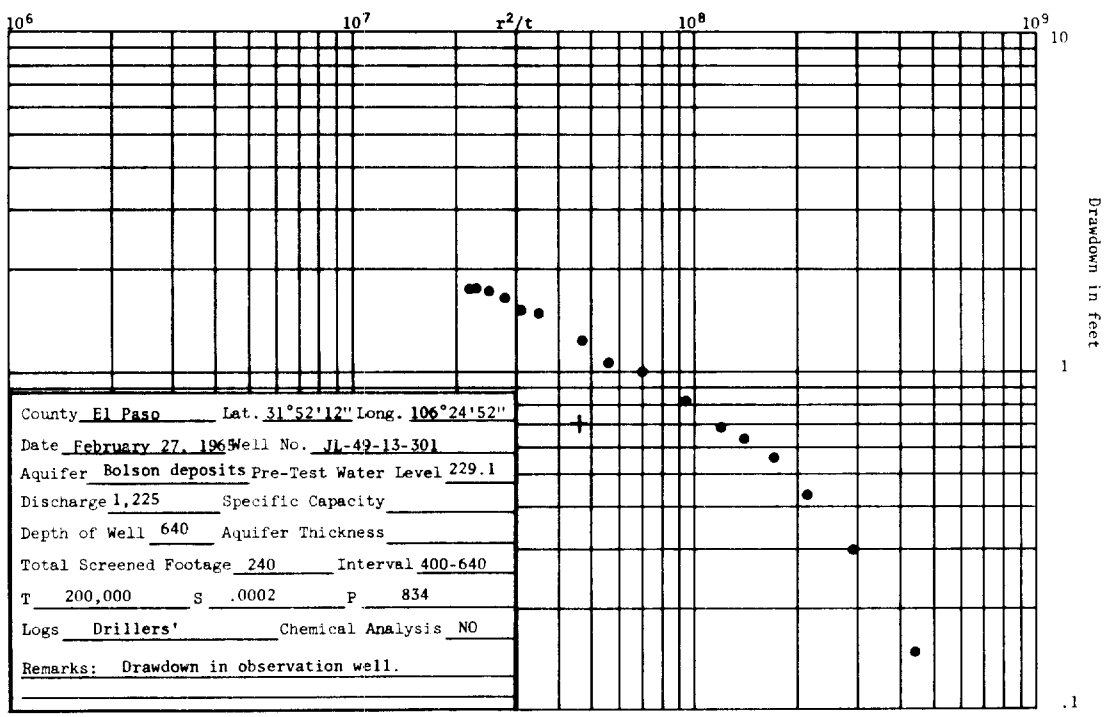

County El Paso Lat. 31°54'51" Long. 106°23'43"
Date June 28, 1963 Well No. JL-49-05-903
Aquifer Bolson deposits Pre-Test Water Level 296.91
Discharge 1,400 Specific Capacity 33.2 (8 hrs.)
Depth of Well 1,326 Aquifer Thickness
Total Screened Footage 768 Interval 268-1036
T 175,000 S P 231
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
4
5
6
1
10
t/t'
100
1,000
Residual drawdown in feet

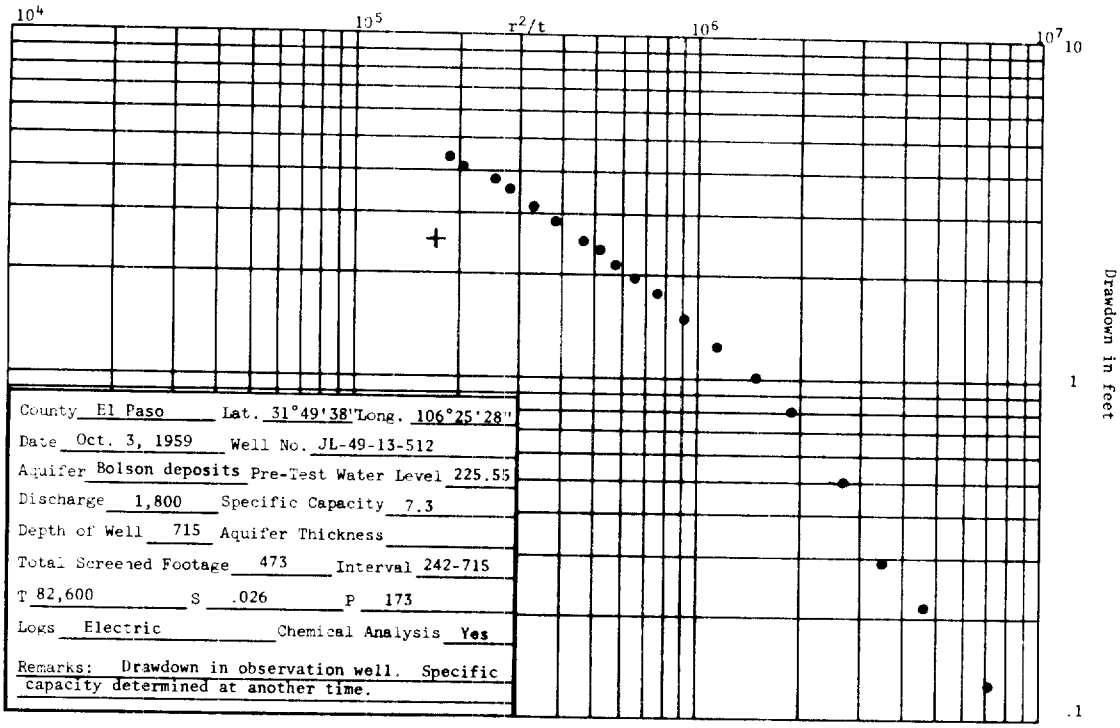

County El Paso Lat. 31°54'49" Long. 106°22'48"
Date March 16, 1966 Well No. JL-49 -05-906
Aquifer Bolson deposits Pre-Test Water Level 300.94
Discharge 1,800 Specific Capacity 39.5
Depth of Well 1,198 Aquifer Thickness
Total Screened Footage 620 Interval 330-950
T 176,000 S P 284
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet


County El Paso Lat. 31°52'13" Long. 106°25'24"
Date February 9, 1954 Well No. JL-49-13-202
Aquifer Bolson deposits Pre-Test Water Level 283.0
Discharge 1,396 Specific Capacity 19.7
Depth of Well 814 Aquifer Thickness
Total Screened Footage 512 Interval 300-812
T 70,000 S P 137
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet

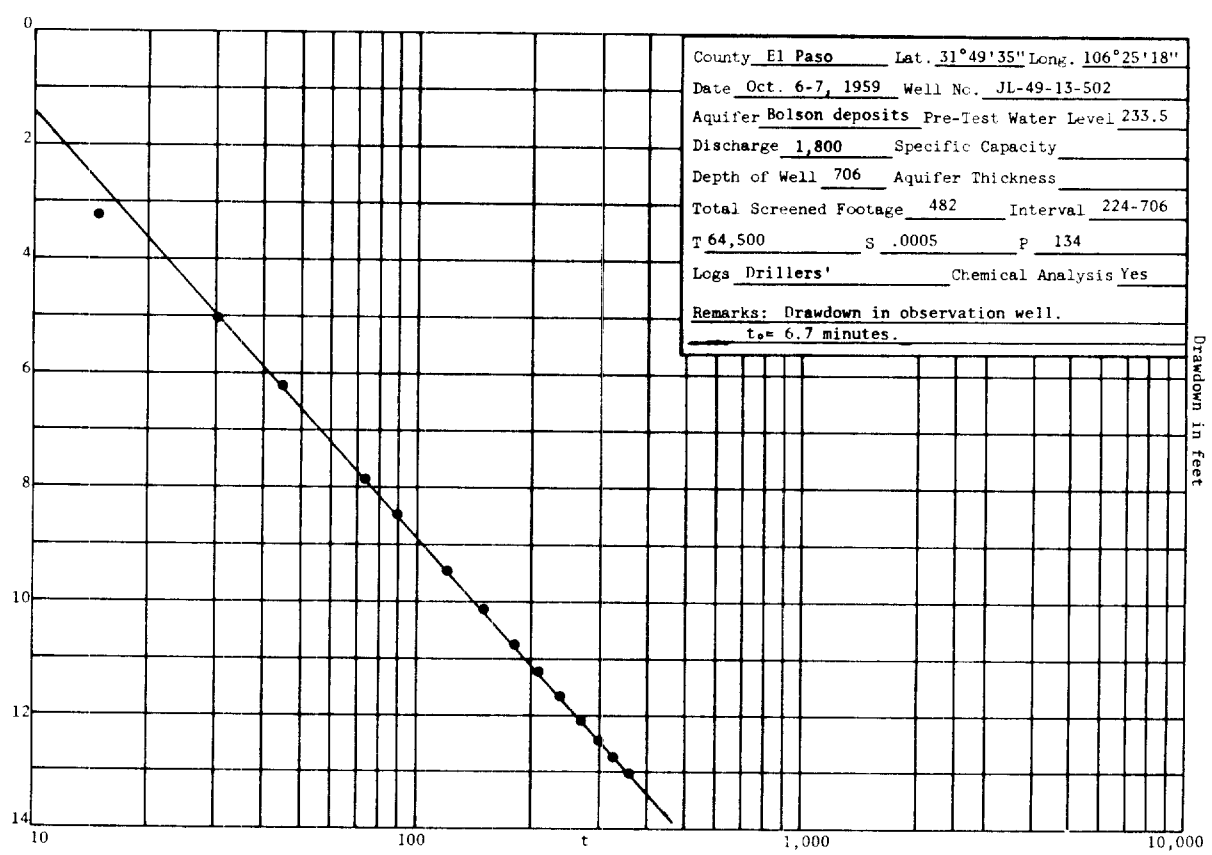

County El Paso Lat. 31°57'25" Long. 106°21'40"
Date May 11, 1965 Well No. JL-49-06-401
Aquifer Bolson deposits Pre-Test Water Level 376.46
Discharge 1,000 Specific Capacity 17.9 (8 hrs)
Depth of Well 995 Aquifer Thickness
Total Screened Footage 103 Interval 348-451
T 135,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
1
10
t/t'
100
1,000
Residual drawdown in feet


County El Paso Lat. 31°50'25" Long. 106°25'39"
Date February 16, 1954 Well No. JL-49-13-204
Aquifer Bolson deposits Pre-Test Water Level 262.95
Discharge 937 Specific Capacity 18.9
Depth of Well 909 Aquifer Thickness
Total Screened Footage ? Interval
T 37,500 S P
Logs Electric Chemical Analysis NO
Remarks: Recovery of pumped well.
0
2
4
6
8
10
12
14
1
10
t/t'
100
1,000
Residual drawdown in feet

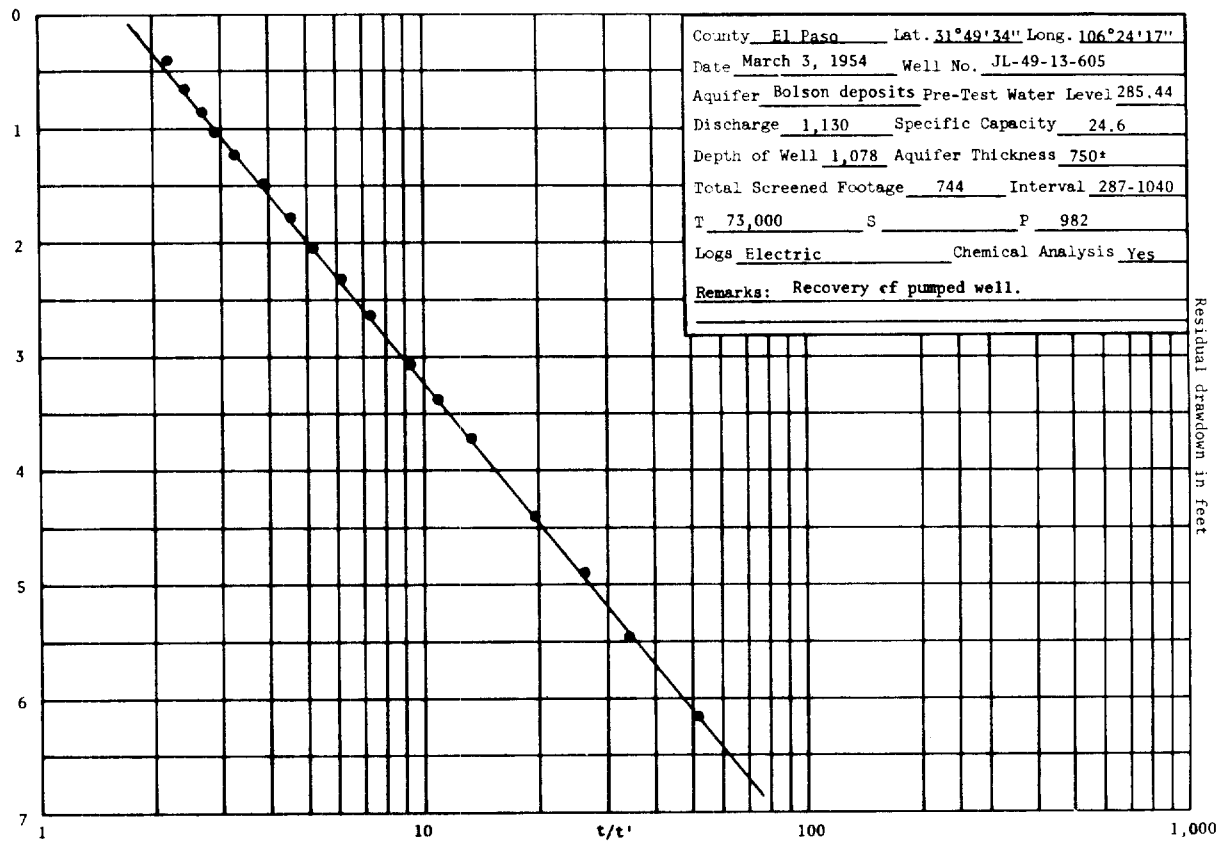

10^6
10^7
r^2/t
10^8
10^9
10
1
.1
Drawdown in feet
County El Paso Lat. 31°52'12" Long. 106°24'52"
Date February 27, 1965 Well No. JL-49-13-301
Aquifer Bolson deposits Pre-Test Water Level 229.1
Discharge 1,225 Specific Capacity
Depth of Well 640 Aquifer Thickness
Total Screened Footage 240 Interval 400-640
T 200,000 S .0002 P 834
Logs Drillers' Chemical Analysis NO
Remarks: Drawdown in observation well.

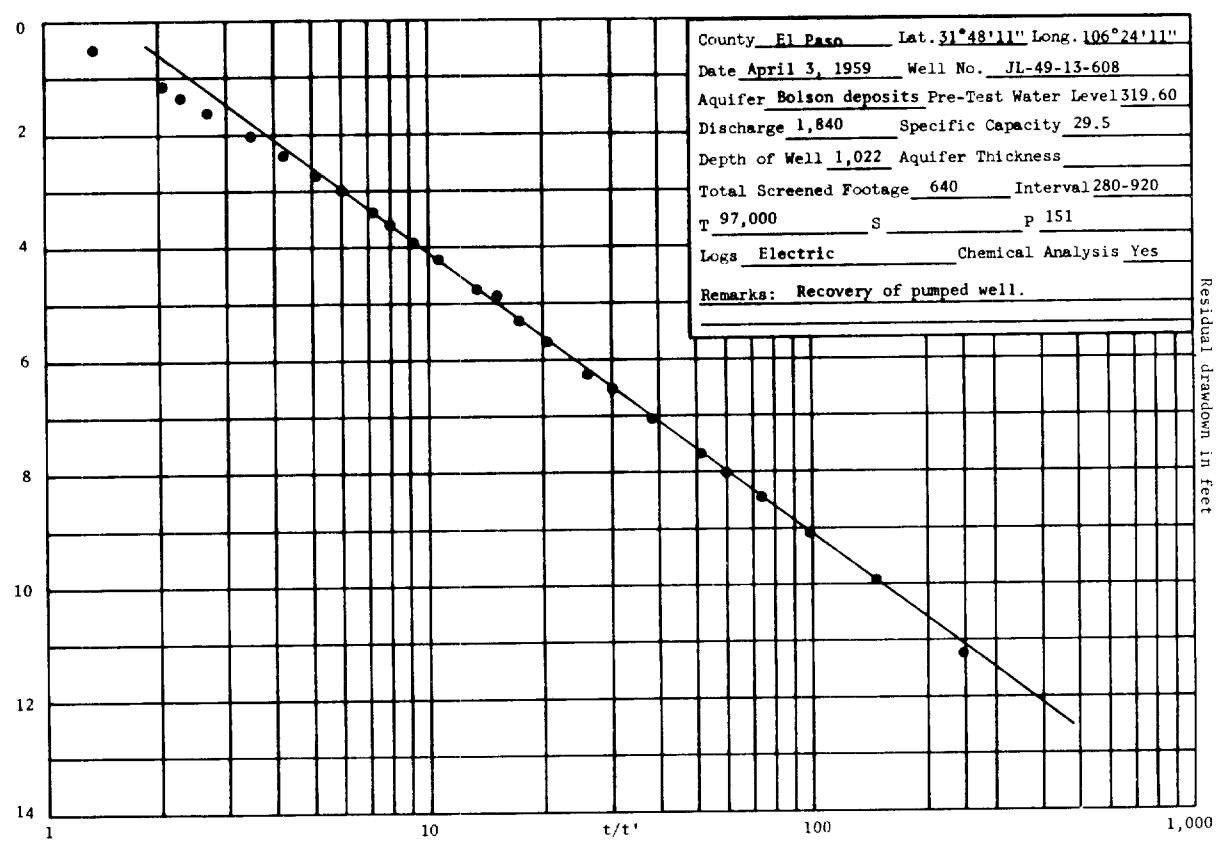


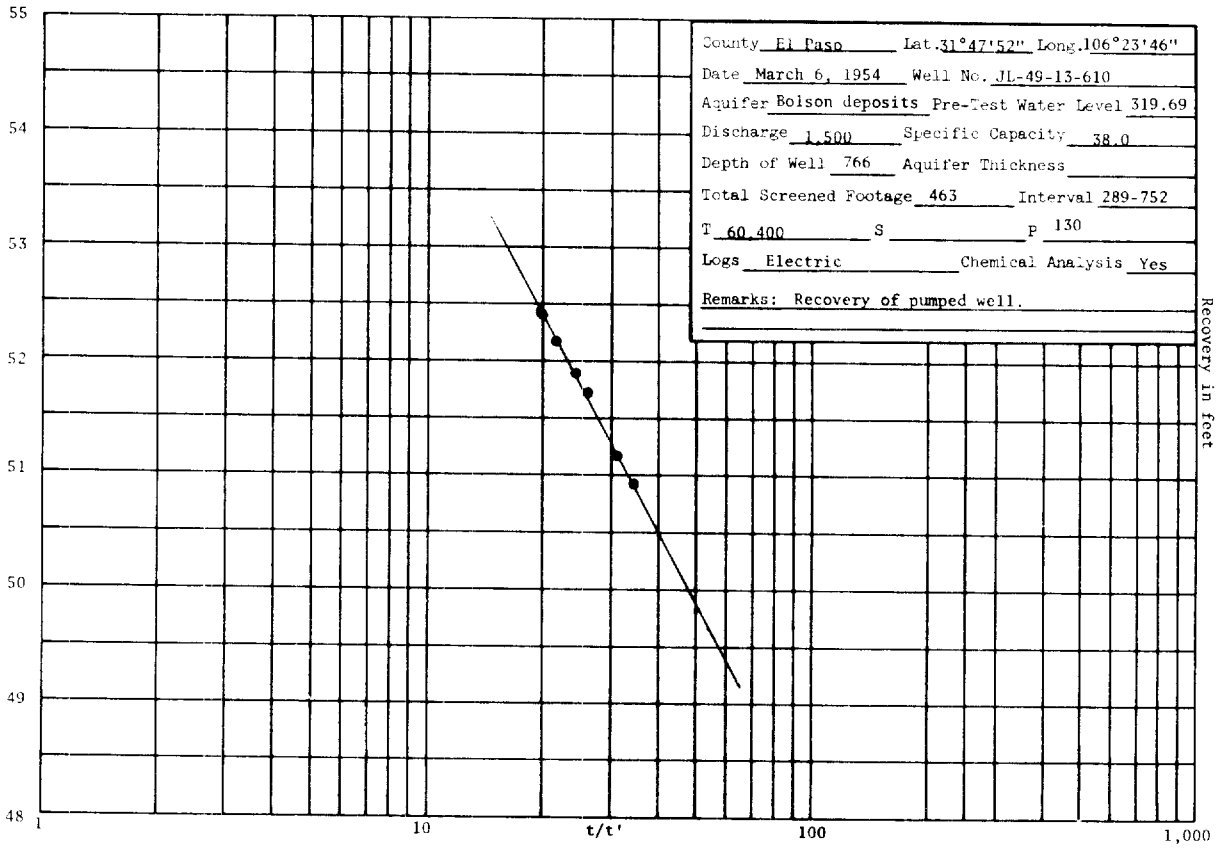
County El Paso Lat. 31°49'38" Long. 106°25'28"
Date Oct. 3, 1959 Well No. JL-49-13-512
Aquifer Bolson deposits Pre-Test Water Level 225.55
Discharge 1,800 Specific Capacity 7.3
Depth of Well 715 Aquifer Thickness
Total Screened Footage 473 Interval 242-715
T 82,600 S .026 P 173
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well. Specific capacity determined at another time.

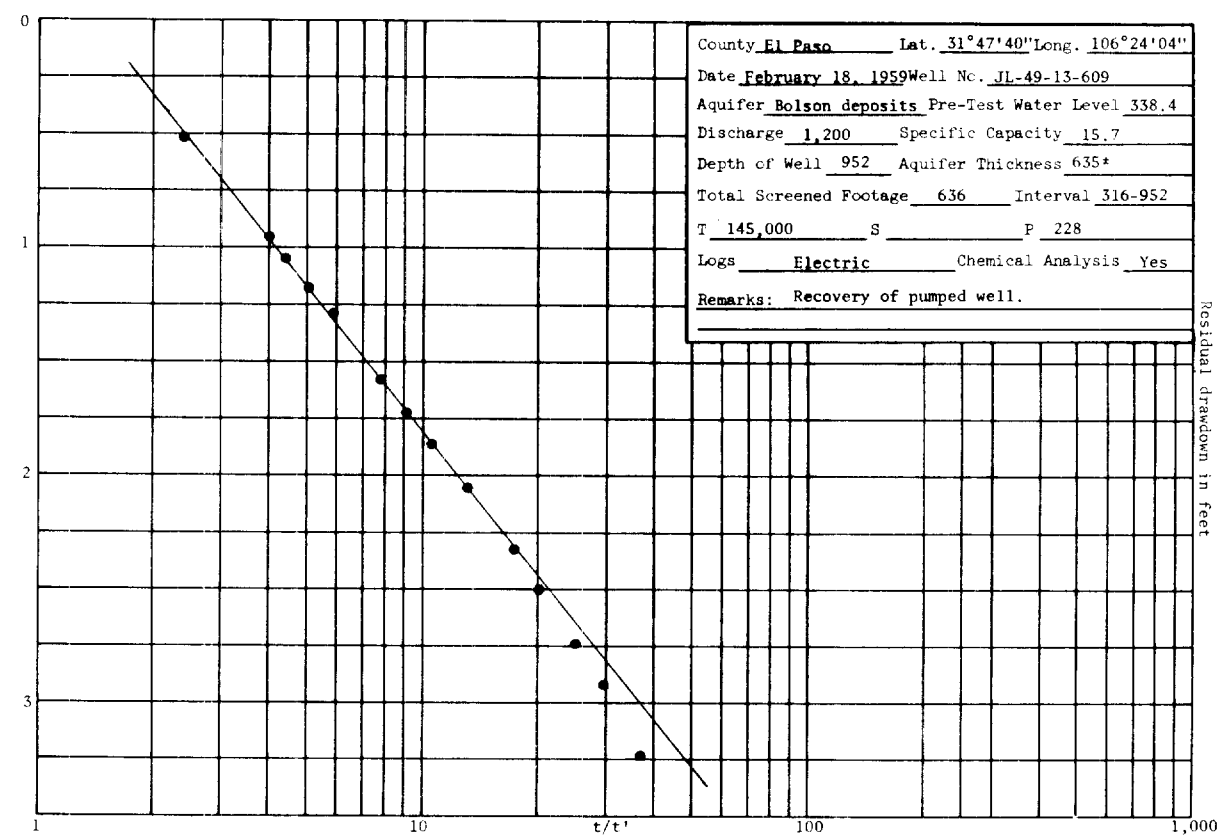


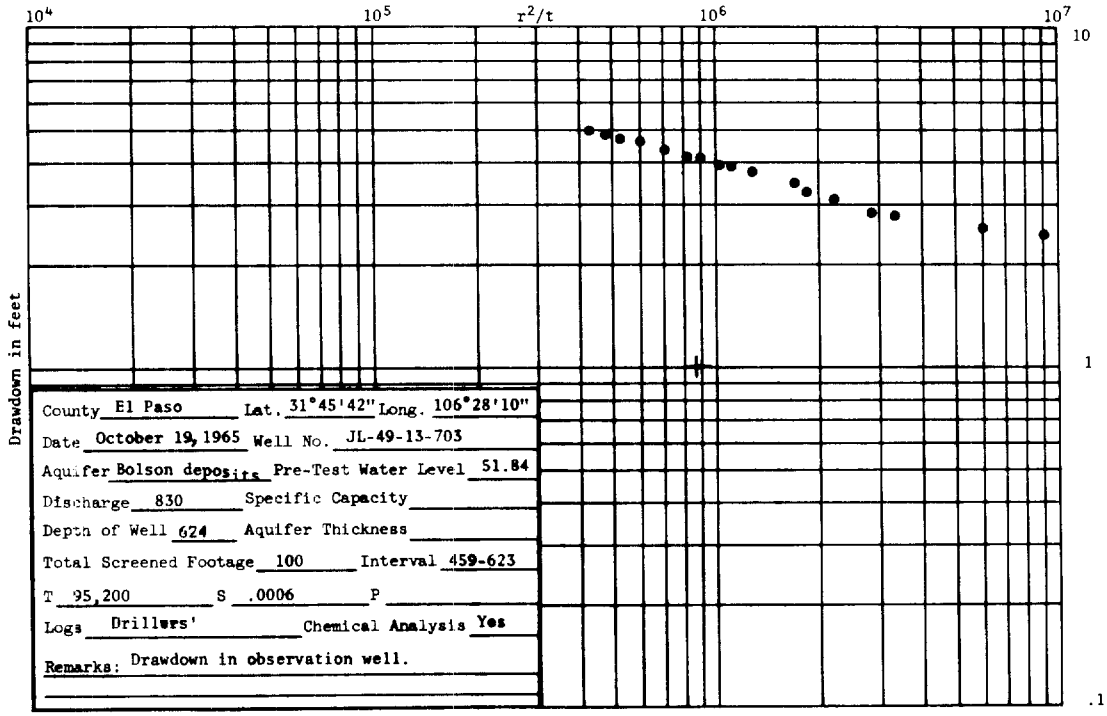
County El Paso Lat. 31°49'35" Long. 106°25'18"
Date Oct. 6-7, 1959 Well No. JL-49-13-502
Aquifer Bolson deposits Pre-Test Water Level 233.5
Discharge 1,800 Specific Capacity
Depth of Well 706 Aquifer Thickness
Total Screened Footage 482 Interval 224-706
T 64,500 S .0005 P 134
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well.
t_o = 6.7 minutes.


County El Paso Lat. 31°49'34" Long. 106°24'17"
Date March 3, 1954 Well No. JL-49-13-605
Aquifer Bolson deposits Pre-Test Water Level 285.44
Discharge 1,130 Specific Capacity 24.6
Depth of Well 1,078 Aquifer Thickness 750±
Total Screened Footage 744 Interval 287-1040
T 73,000 S P 982
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
1
2
3
4
5
6
7
1
10
t/t'
100
1,000
Residual drawdown in feet

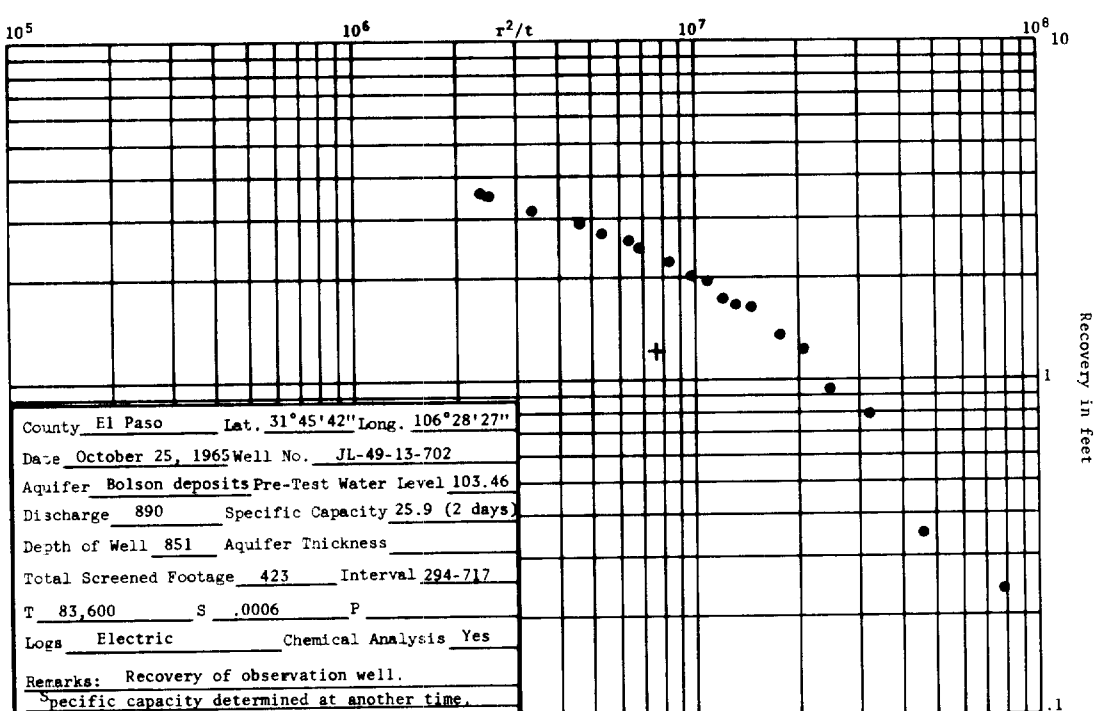

County El Paso Lat. 31°48'11" Long. 106°24'11"
Date April 3, 1959 Well No. JL-49-13-608
Aquifer Bolson deposits Pre-Test Water Level 319.60
Discharge 1,840 Specific Capacity 29.5
Depth of Well 1,022 Aquifer Thickness
Total Screened Footage 640 Interval 280-920
T 97,000 S P 151
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
2
4
6
8
10
12
14
1
10
t/t'
100
1,000
Residual drawdown in feet


55
54
53
52
51
50
49
48
1
10
t/t'
100
1,000
Recovery in feet
County El Paso Lat. 31°47'52" Long. 106°23'46"
Date March 6, 1954 Well No. JL-49-13-610
Aquifer Bolson deposits Pre-Test Water Level 319.69
Discharge 1,500 Specific Capacity 38.0
Depth of Well 766 Aquifer Thickness
Total Screened Footage 463 Interval 289-752
T 60,400 S P 130
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

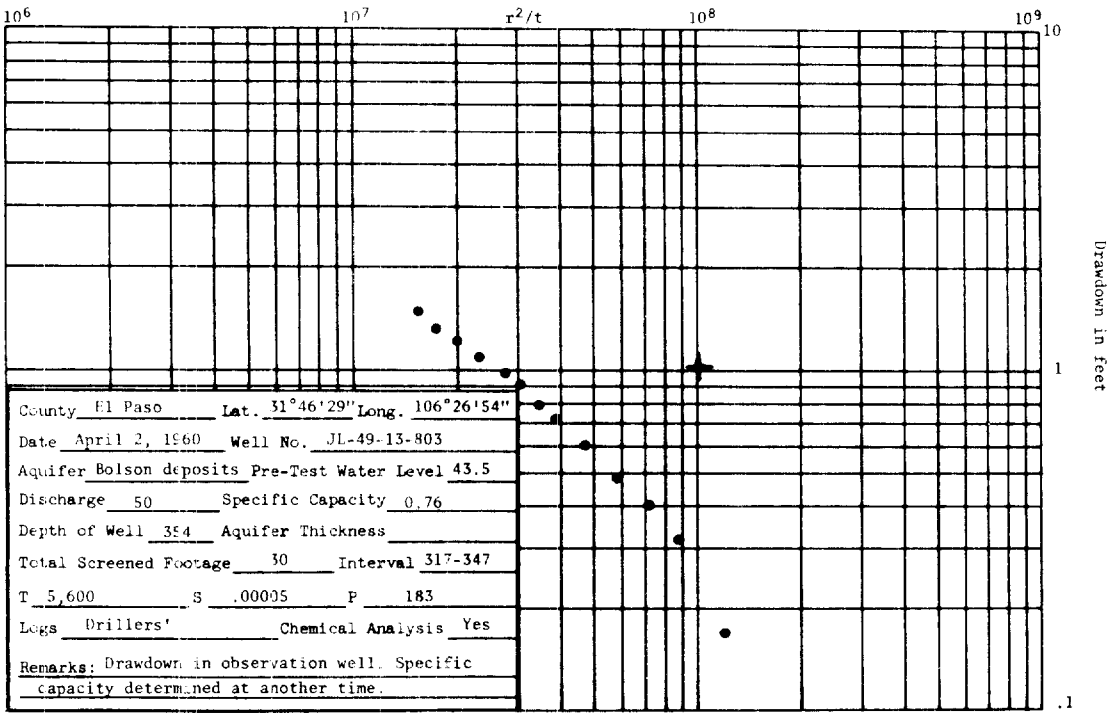

0
1
2
3
1
10
t/t'
100
1,000
Residual drawdown in feet
County El Paso Lat. 31°47'40" Long. 106°24'04"
Date February 18, 1959 Well No. JL-49-13-609
Aquifer Bolson deposits Pre-Test Water Level 338.4
Discharge 1,200 Specific Capacity 15.7
Depth of Well 952 Aquifer Thickness 635*
Total Screened Footage 636 Interval 316-952
T 145,000 S P 228
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.



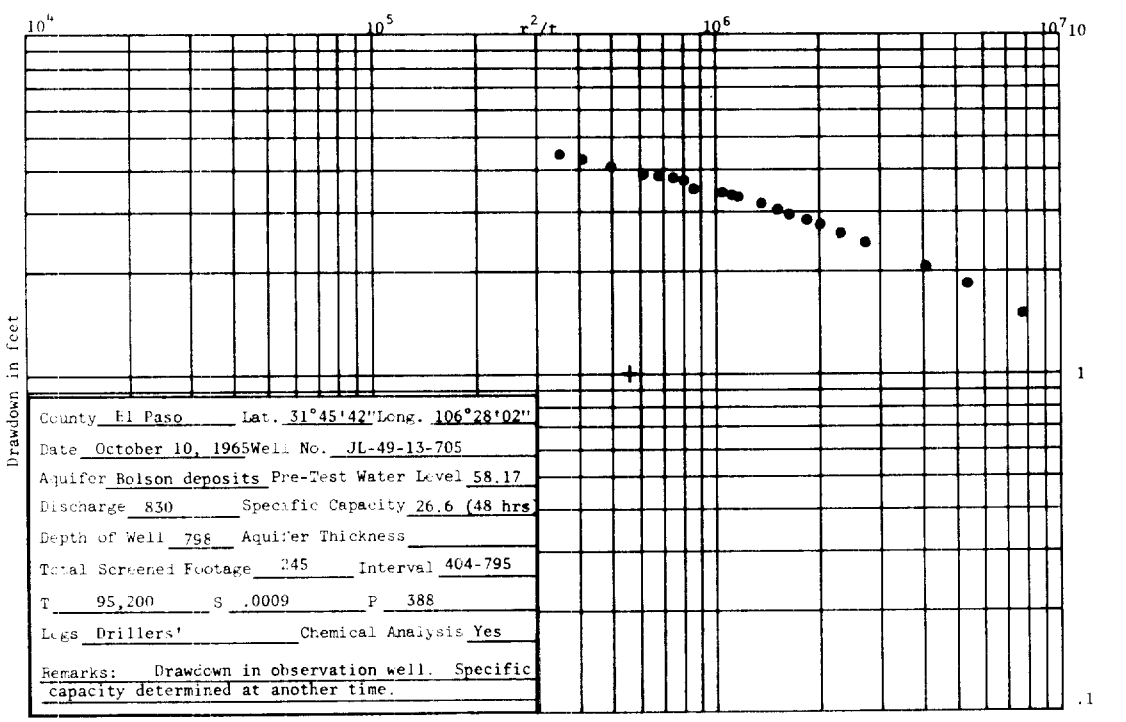
County El Paso Lat. 31°45'42" Long. 106°28'10"
Date October 19, 1965 Well No. JL-49-13-703
Aquifer Bolson deposits Pre-Test Water Level 51.84
Discharge 830 Specific Capacity
Depth of Well 624 Aquifer Thickness
Total Screened Footage 100 Interval 459-623
T 95,200 S .0006 P
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well.



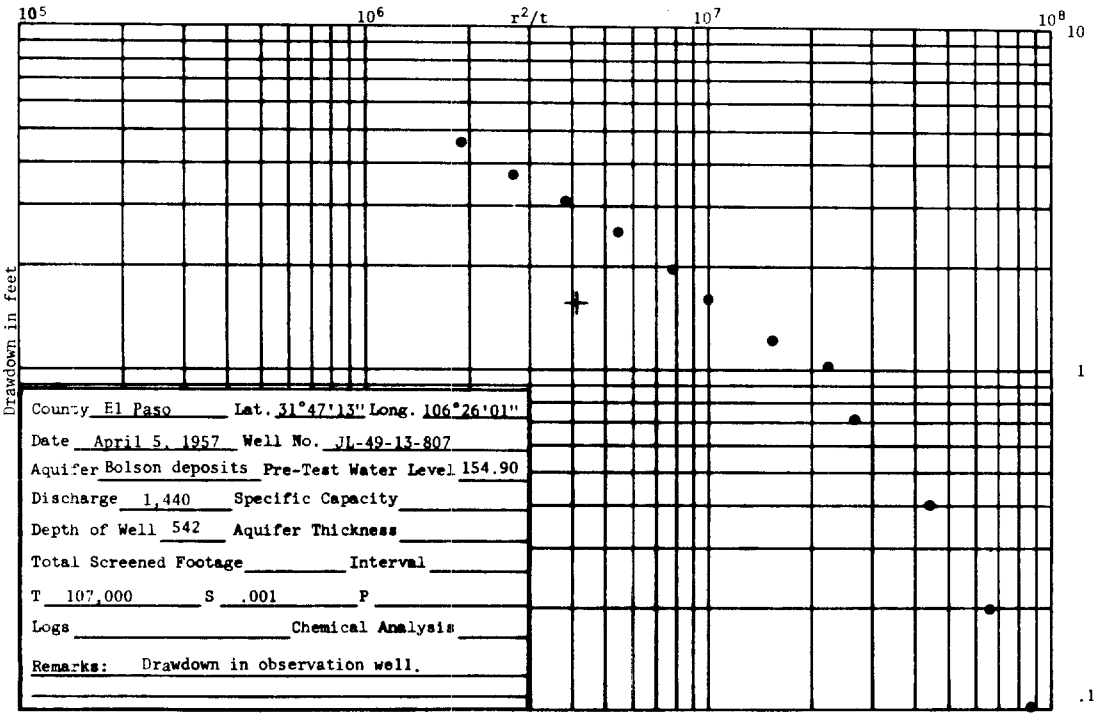
County El Paso Lat. 31°45'42" Long. 106°28'27"
Date October 25, 1965 Well No. JL-49-13-702
Aquifer Bolson deposits Pre-Test Water Level 103.46
Discharge 890 Specific Capacity 25.9 (2 days)
Depth of Well 851 Aquifer Thickness
Total Screened Footage 423 Interval 294-717
T 83,600 S .0006 P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.
Specific capacity determined at another time.



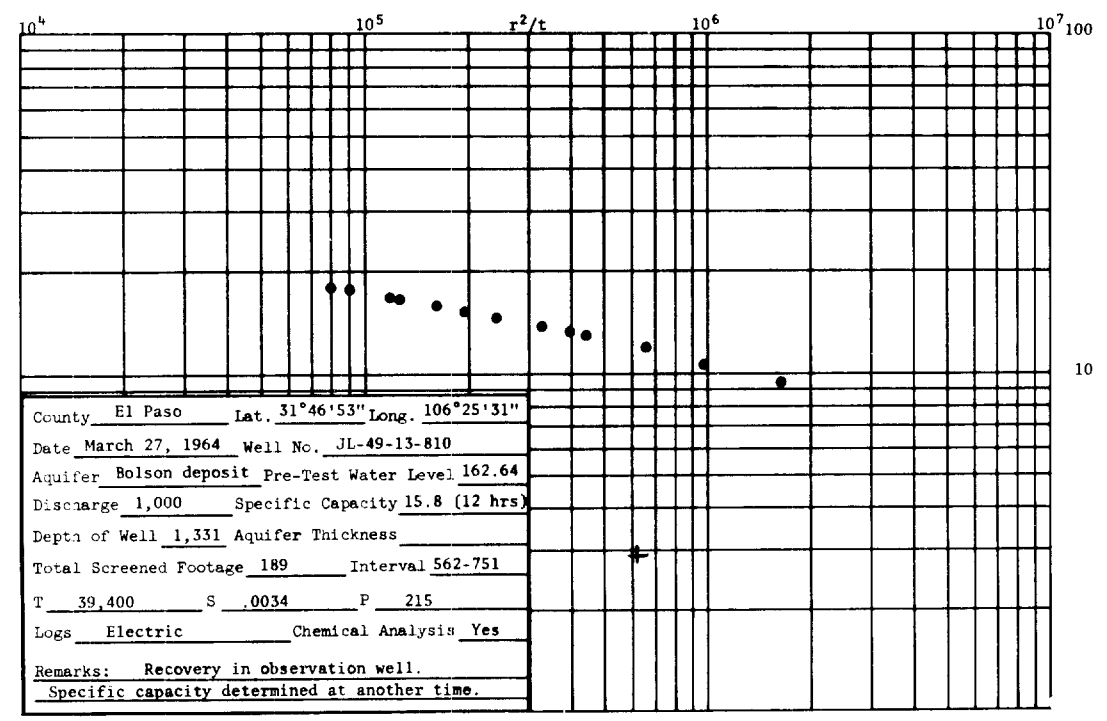
County El Paso Lat. 31°46'29" Long. 106°26'54"
Date April 2, 1960 Well No. JL-49-13-803
Aquifer Bolson deposits Pre-Test Water Level 43.5
Discharge 50 Specific Capacity 0.76
Depth of Well 354 Aquifer Thickness
Total Screened Footage 30 Interval 317-347
T 5,600 S .00005 P 183
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well. Specific capacity determined at another time.



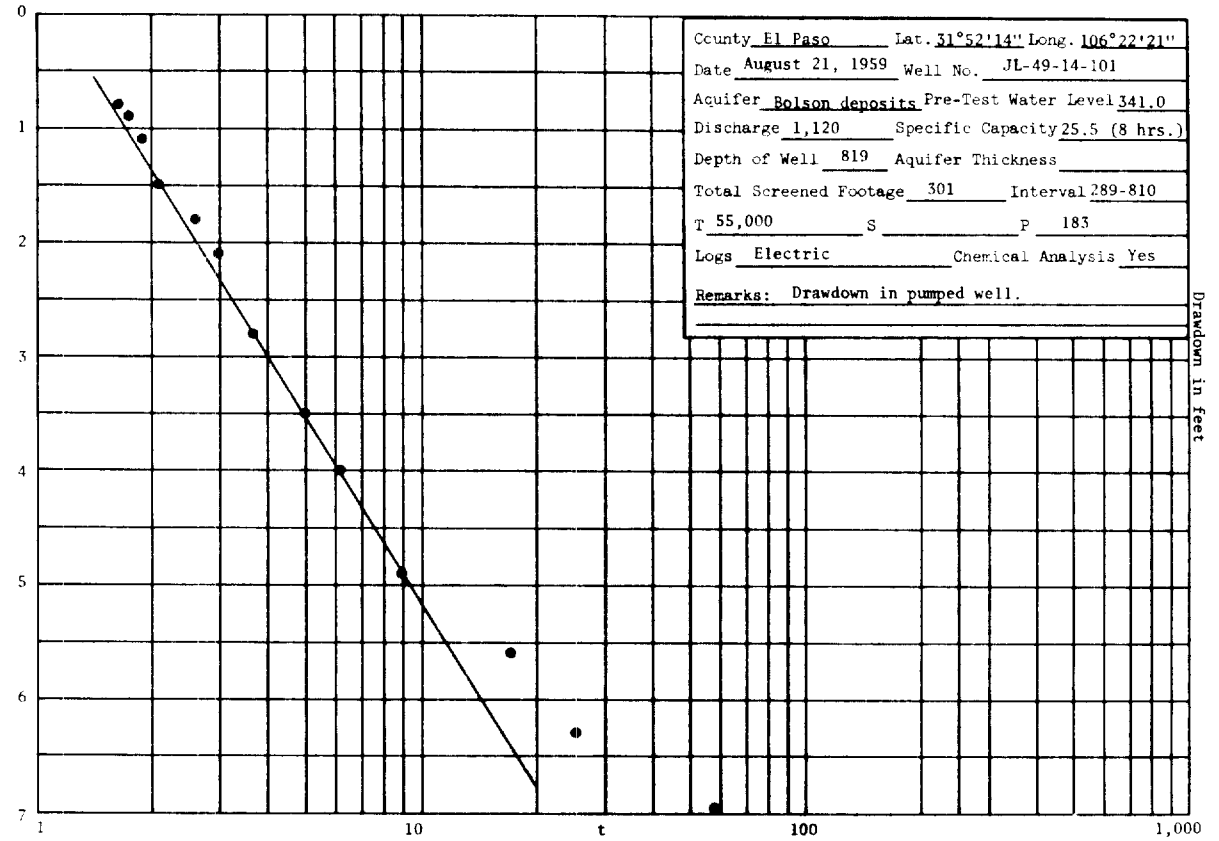
County El Paso Lat. 31°45'42" Long. 106°28'02"
Date October 10, 1965 Well No. JL-49-13-705
Aquifer Bolson deposits Pre-Test Water Level 58.17
Discharge 830 Specific Capacity 26.6 (48 hrs)
Depth of Well 798 Aquifer Thickness
Total Screened Footage 345 Interval 404-795
T 95,200 S .0009 P 388
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well. Specific capacity determined at another time.

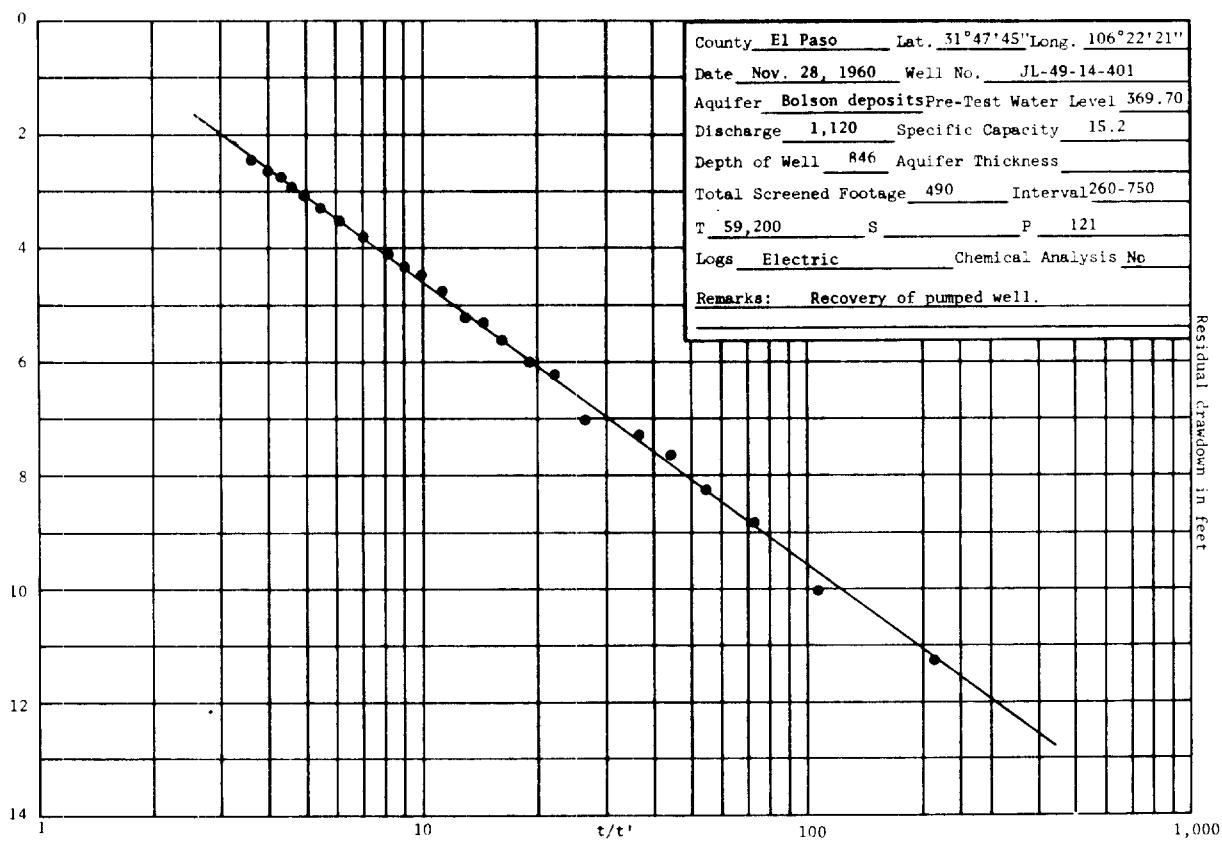


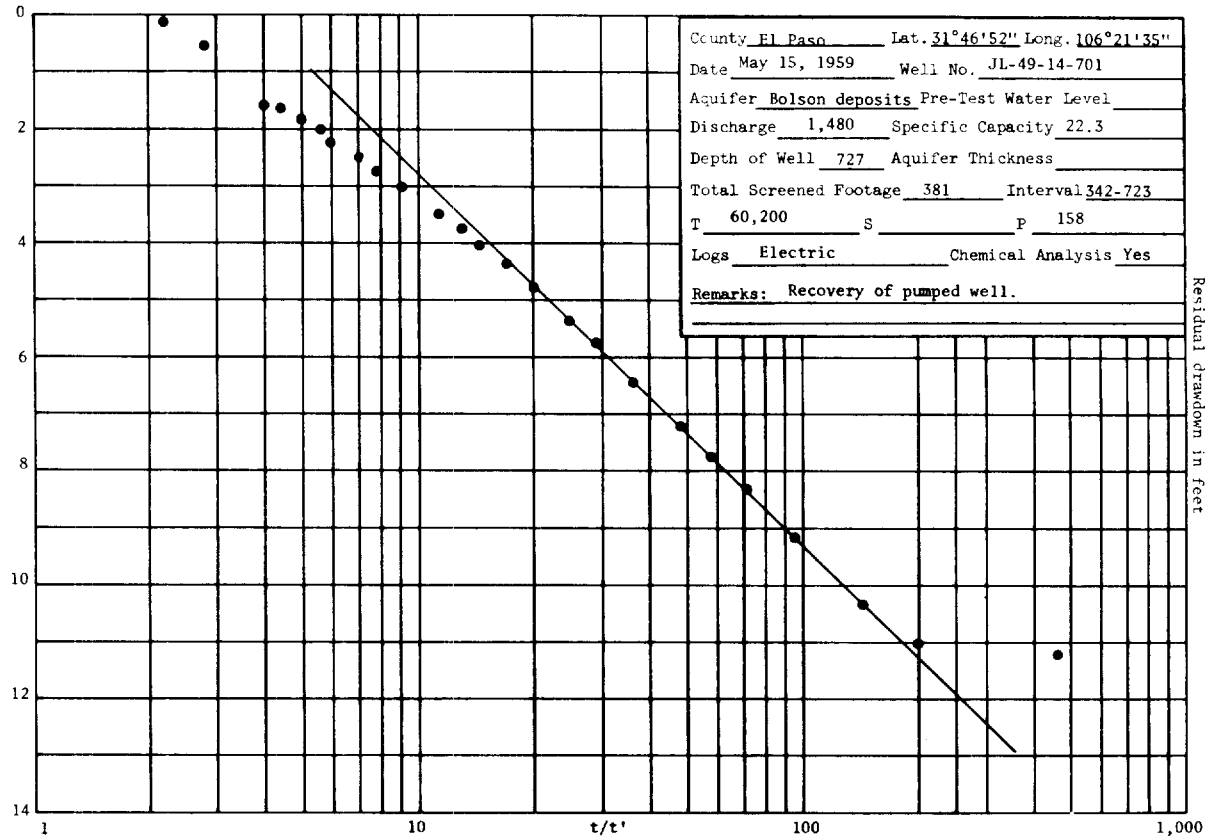
County El Paso Lat. 31°47'13" Long. 106°26'01"
Date April 5, 1957 Well No. JL-49-13-807
Aquifer Bolson deposits Pre-Test Water Level 154.90
Discharge 1,440 Specific Capacity
Depth of Well 542 Aquifer Thickness
Total Screened Footage Interval
T 107,000 S .001 P
Logs Chemical Analysis
Remarks: Drawdown in observation well.

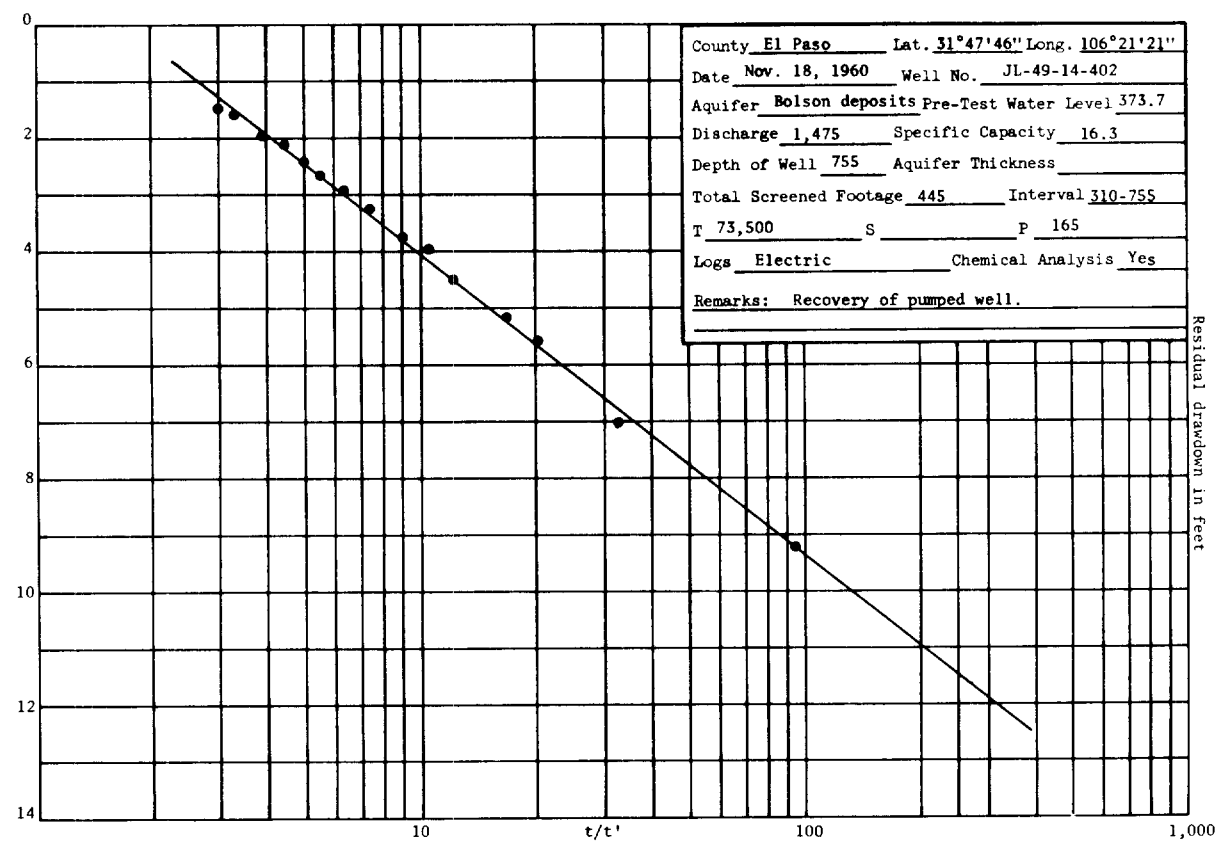


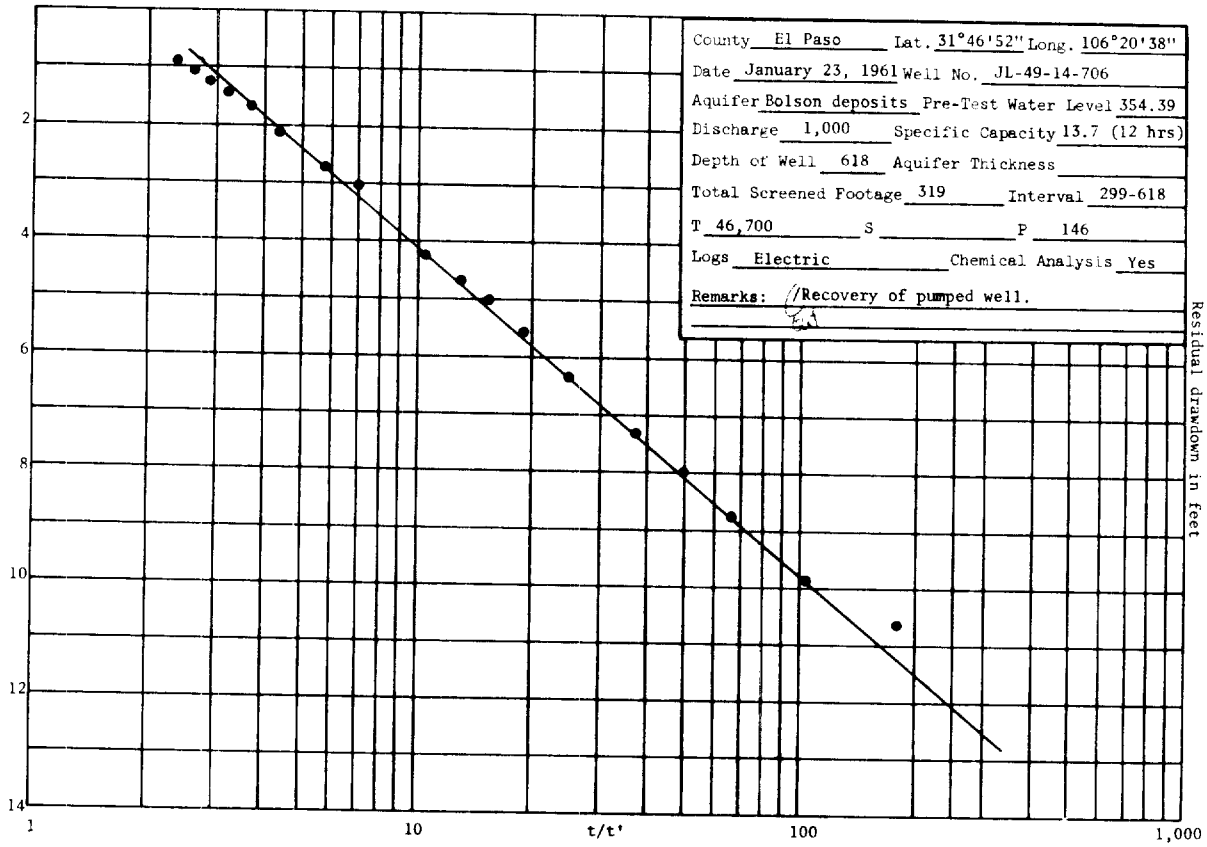
County El Paso Lat. 31°46'53" Long. 106°25'31"
Date March 27, 1964 Well No. JL-49-13-810
Aquifer Bolson deposit Pre-Test Water Level 162.64
Discharge 1,000 Specific Capacity 15.8 (12 hrs)
Depth of Well 1,331 Aquifer Thickness
Total Screened Footage 189 Interval 562-751
T 39,400 S .0034 P 215
Logs Electric Chemical Analysis Yes
Remarks: Recovery in observation well.
Specific capacity determined at another time.

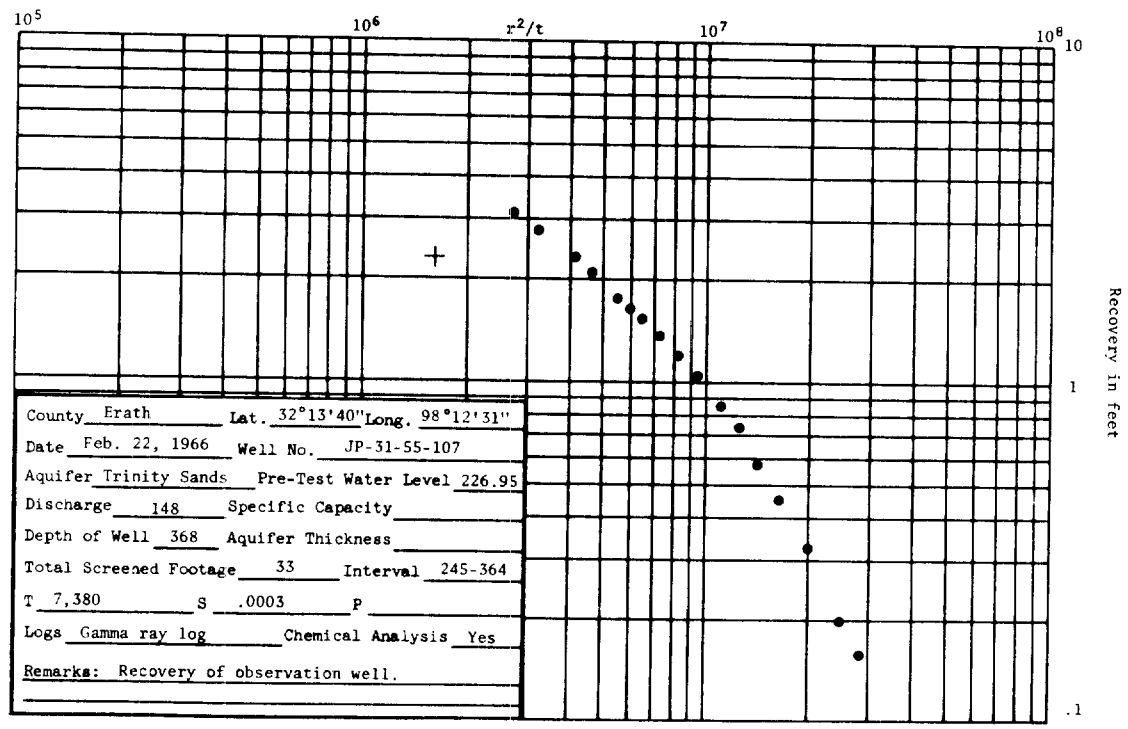

County El Paso Lat. 31°52'14" Long. 106°22'21"
Date August 21, 1959 Well No. JL-49-14-101
Aquifer Bolson deposits Pre-Test Water Level 341.0
Discharge 1,120 Specific Capacity 25.5 (8 hrs.)
Depth of Well 819 Aquifer Thickness
Total Screened Footage 301 Interval 289-810
T 55,000 S P 183
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
Drawdown in feet
0
1
2
3
4
5
6
7
1
10
t
100
1,000

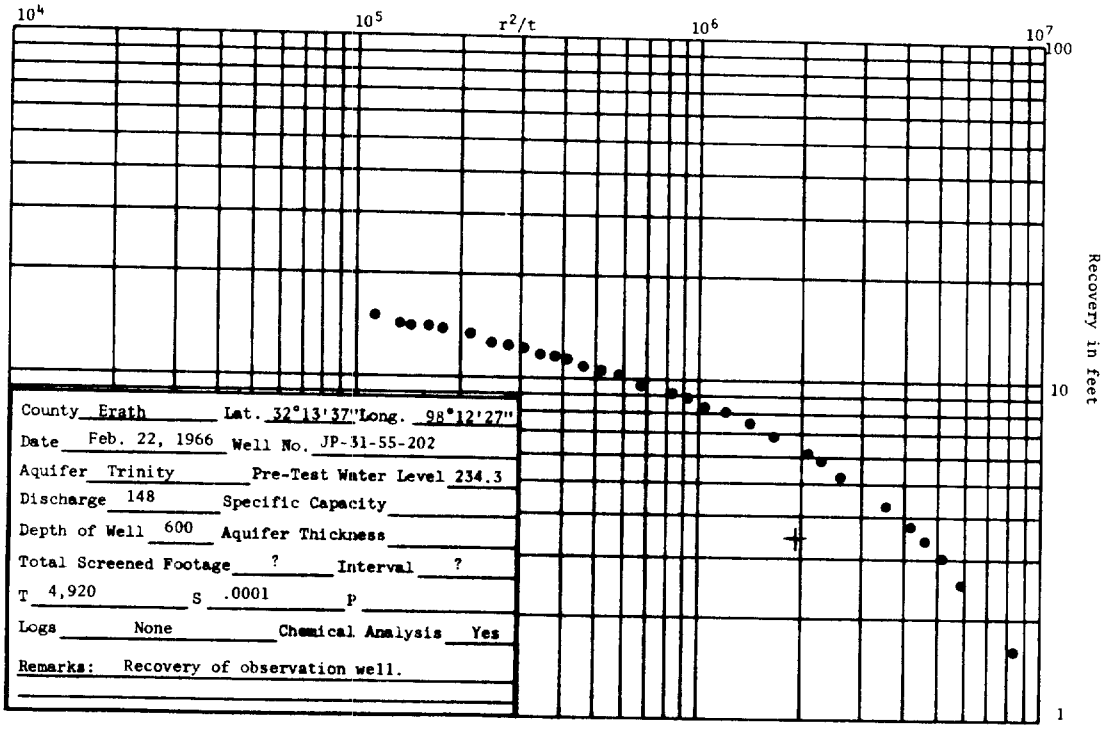

County El Paso Lat. 31°47'45" Long. 106°22'21"
Date Nov. 28, 1960 Well No. JL-49-14-401
Aquifer Bolson deposits Pre-Test Water Level 369.70
Discharge 1,120 Specific Capacity 15.2
Depth of Well 846 Aquifer Thickness
Total Screened Footage 490 Interval 260-750
T 59,200 S P 121
Logs Electric Chemical Analysis No
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
2
4
6
8
10
12
14
1
10
t/t'
100
1,000

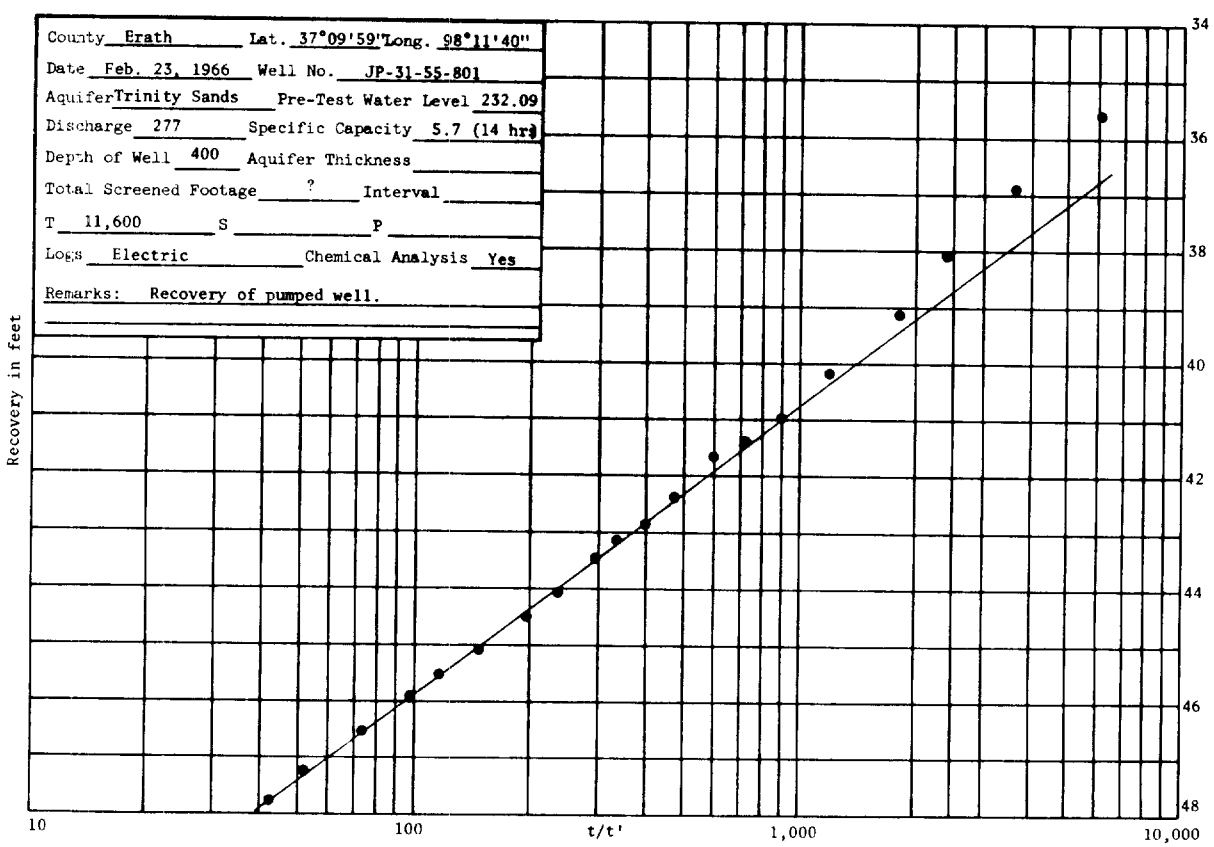

County El Paso Lat. 31°46'52" Long. 106°21'35"
Date May 15, 1959 Well No. JL-49-14-701
Aquifer Bolson deposits Pre-Test Water Level
Discharge 1,480 Specific Capacity 22.3
Depth of Well 727 Aquifer Thickness
Total Screened Footage 381 Interval 342-723
T 60,200 S P 158
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
2
4
6
8
10
12
14
1
10
t/t'
100
1,000
Residual drawdown in feet

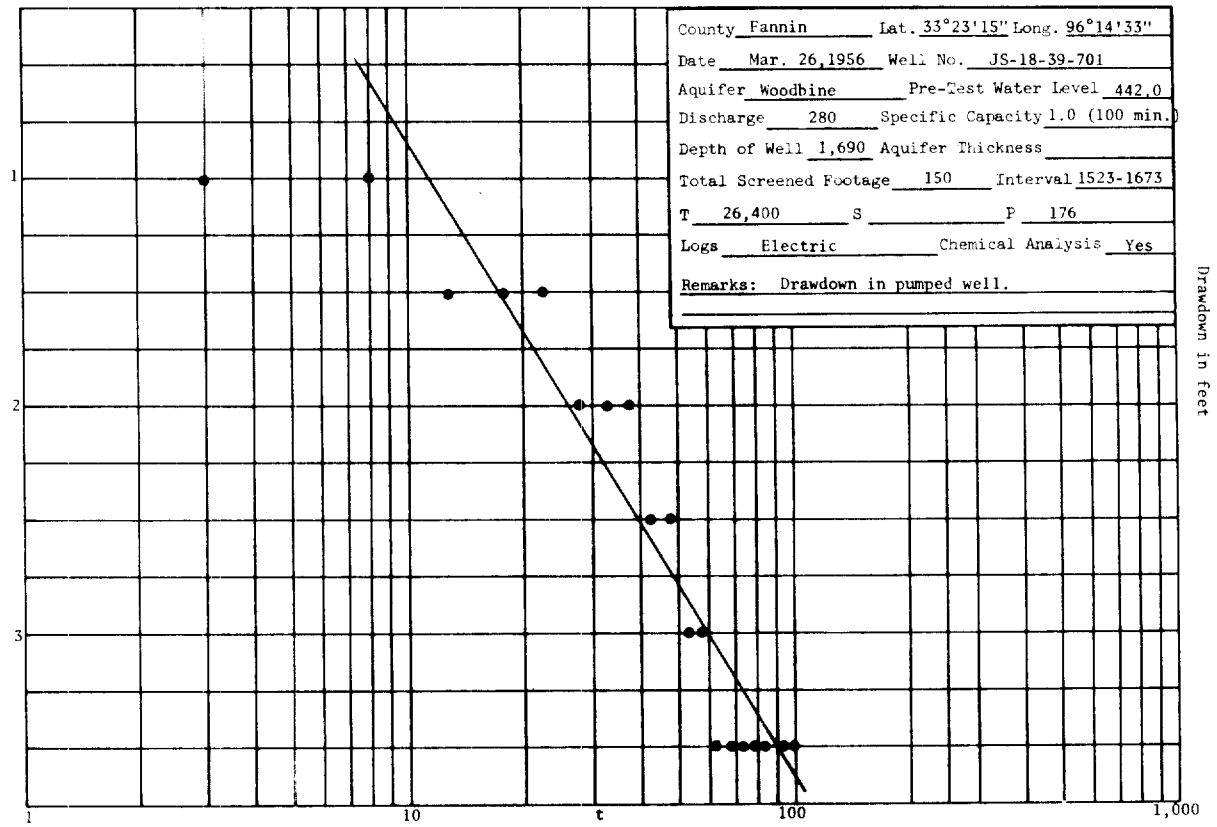

County El Paso Lat. 31°47'46" Long. 106°21'21"
Date Nov. 18, 1960 Well No. JL-49-14-402
Aquifer Bolson deposits Pre-Test Water Level 373.7
Discharge 1,475 Specific Capacity 16.3
Depth of Well 755 Aquifer Thickness
Total Screened Footage 445 Interval 310-755
T 73,500 S P 165
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
2
4
6
8
10
12
14
10
t/t'
100
1,000
Residual drawdown in feet

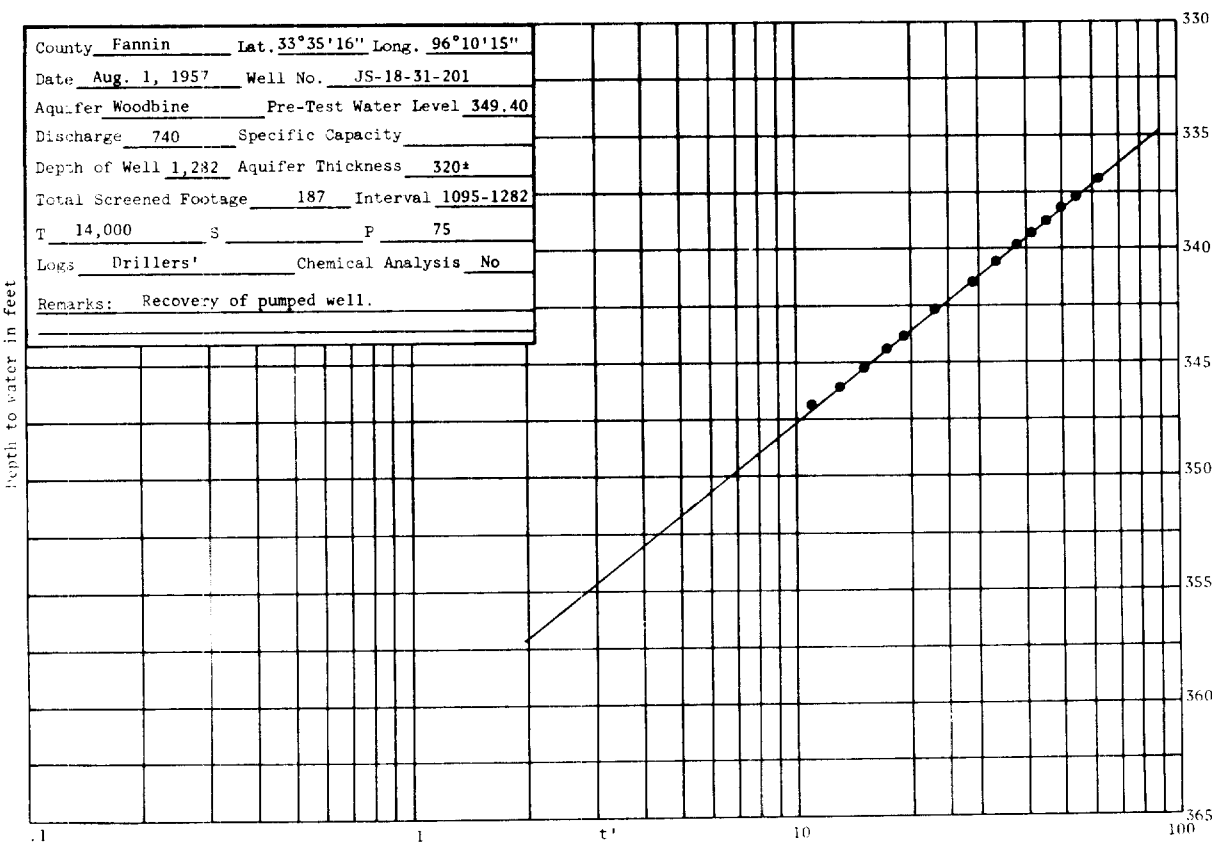

County El Paso Lat. 31°46'52" Long. 106°20'38"
Date January 23, 1961 Well No. JL-49-14-706
Aquifer Bolson deposits Pre-Test Water Level 354.39
Discharge 1,000 Specific Capacity 13.7 (12 hrs)
Depth of Well 618 Aquifer Thickness
Total Screened Footage 319 Interval 299-618
T 46,700 S P 146
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
2
4
6
8
10
12
14
1
10
t/t'
100
1,000
Residual drawdown in feet

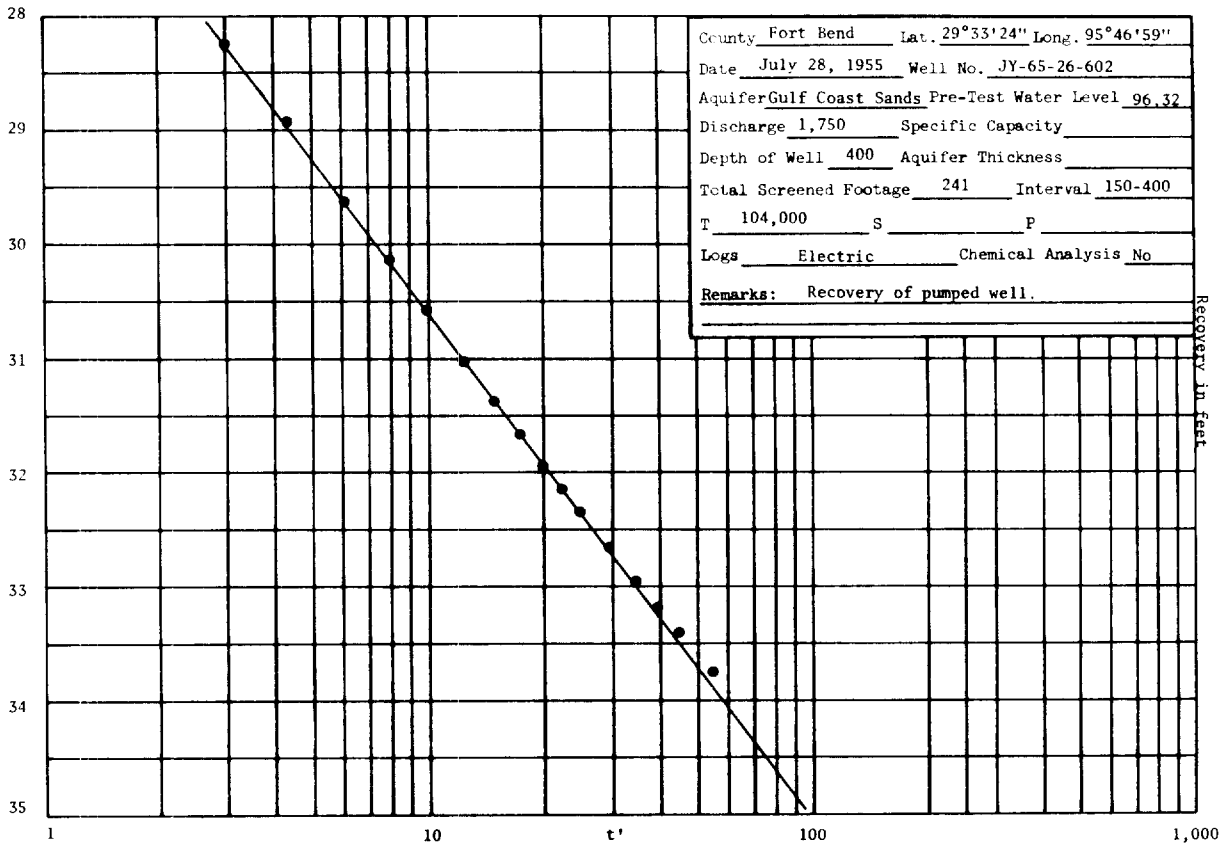

County Erath Lat. 32°13'40" Long. 98°12'31"
Date Feb. 22, 1966 Well No. JP-31-55-107
Aquifer Trinity Sands Pre-Test Water Level 226.95
Discharge 148 Specific Capacity
Depth of Well 368 Aquifer Thickness
Total Screened Footage 33 Interval 245-364
T 7,380 S .0003 P
Logs Gamma ray log Chemical Analysis Yes
Remarks: Recovery of observation well.
10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet

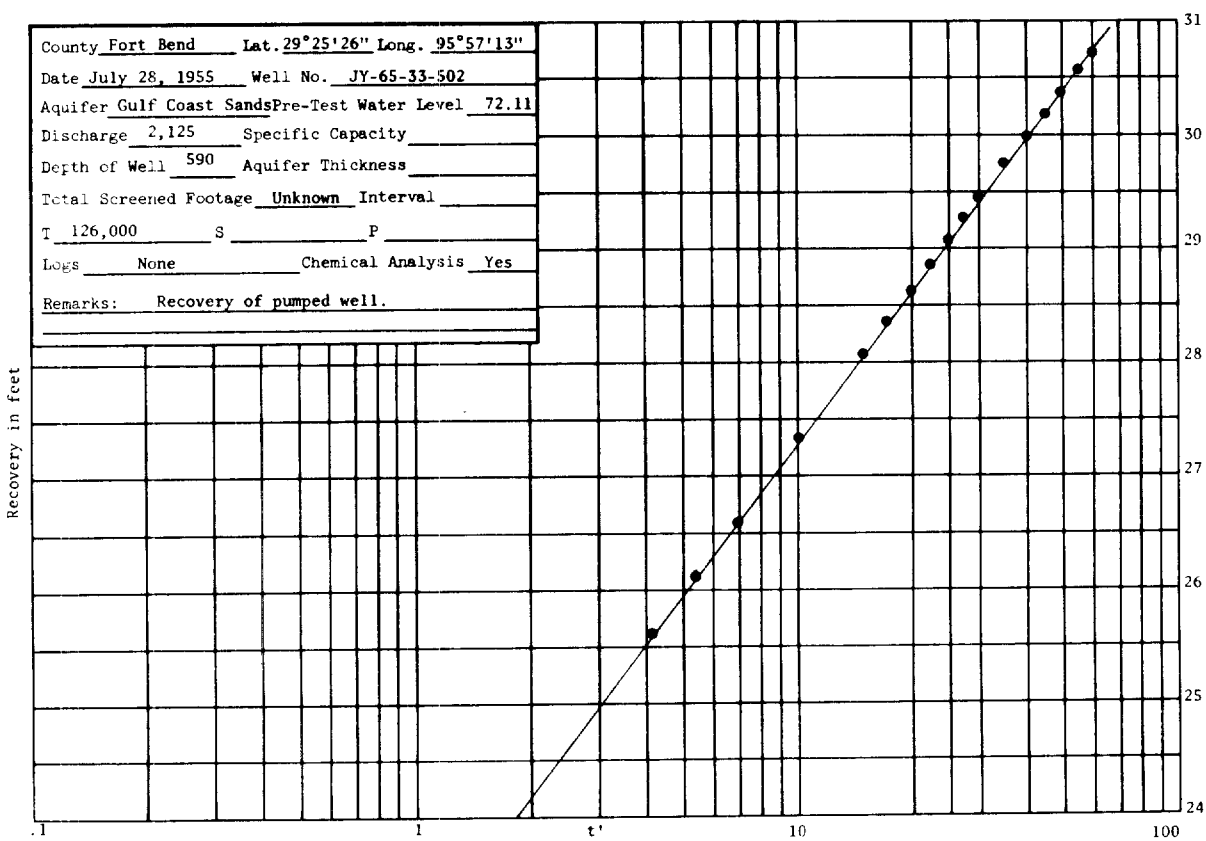

10^4
10^5
r^2/t
10^6
10^7
100
10
1
Recovery in feet
County Erath Lat. 32°13'37"Long. 98°12'27"
Date Feb. 22, 1966 Well No. JP-31-55-202
Aquifer Trinity Pre-Test Water Level 234.3
Discharge 148 Specific Capacity
Depth of Well 600 Aquifer Thickness
Total Screened Footage ? Interval ?
T 4,920 S .0001 P
Logs None Chemical Analysis Yes
Remarks: Recovery of observation well.

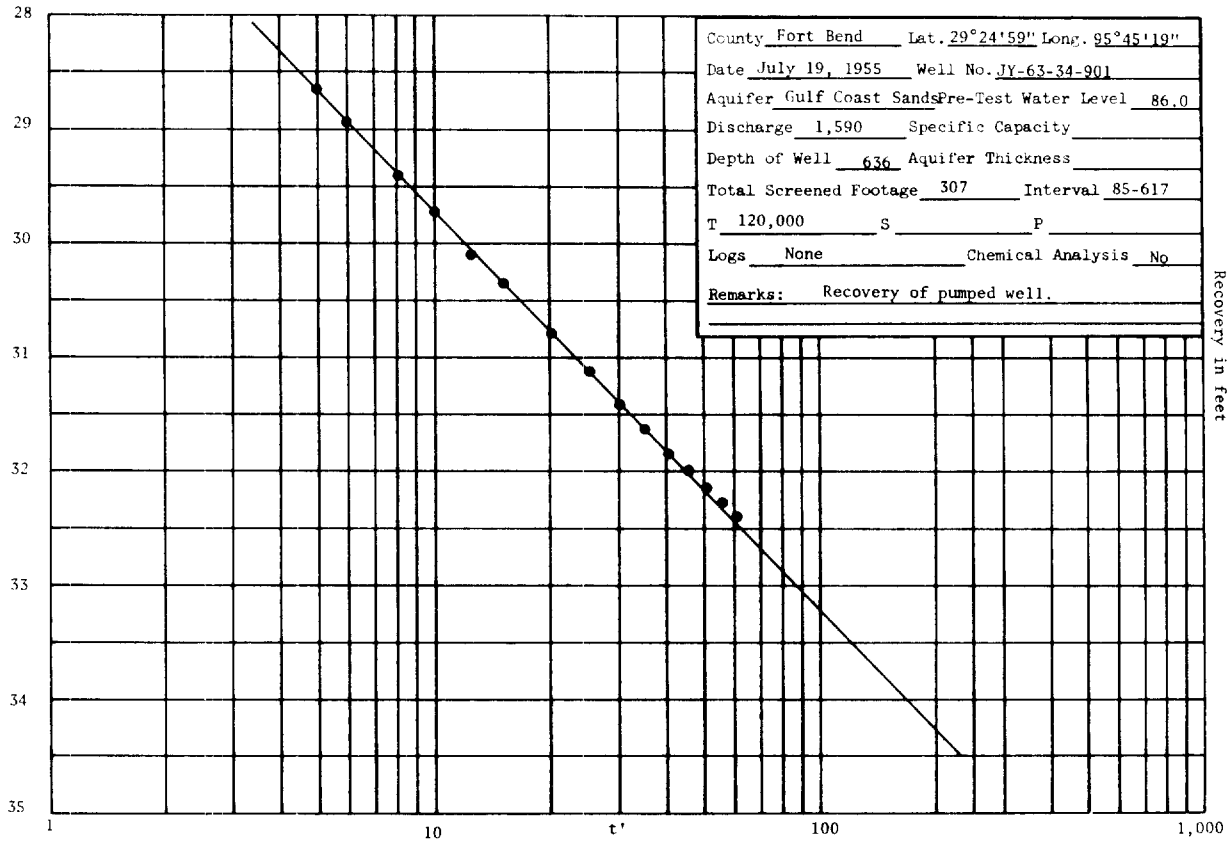

County Erath Lat. 37°09'59"Long. 98°11'40"
Date Feb. 23, 1966 Well No. JP-31-55-801
Aquifer Trinity Sands Pre-Test Water Level 232.09
Discharge 277 Specific Capacity 5.7 (14 hrs)
Depth of Well 400 Aquifer Thickness
Total Screened Footage ? Interval
T 11,600 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
34
36
38
40
42
44
46
48
10
100
t/t'
1,000
10,000

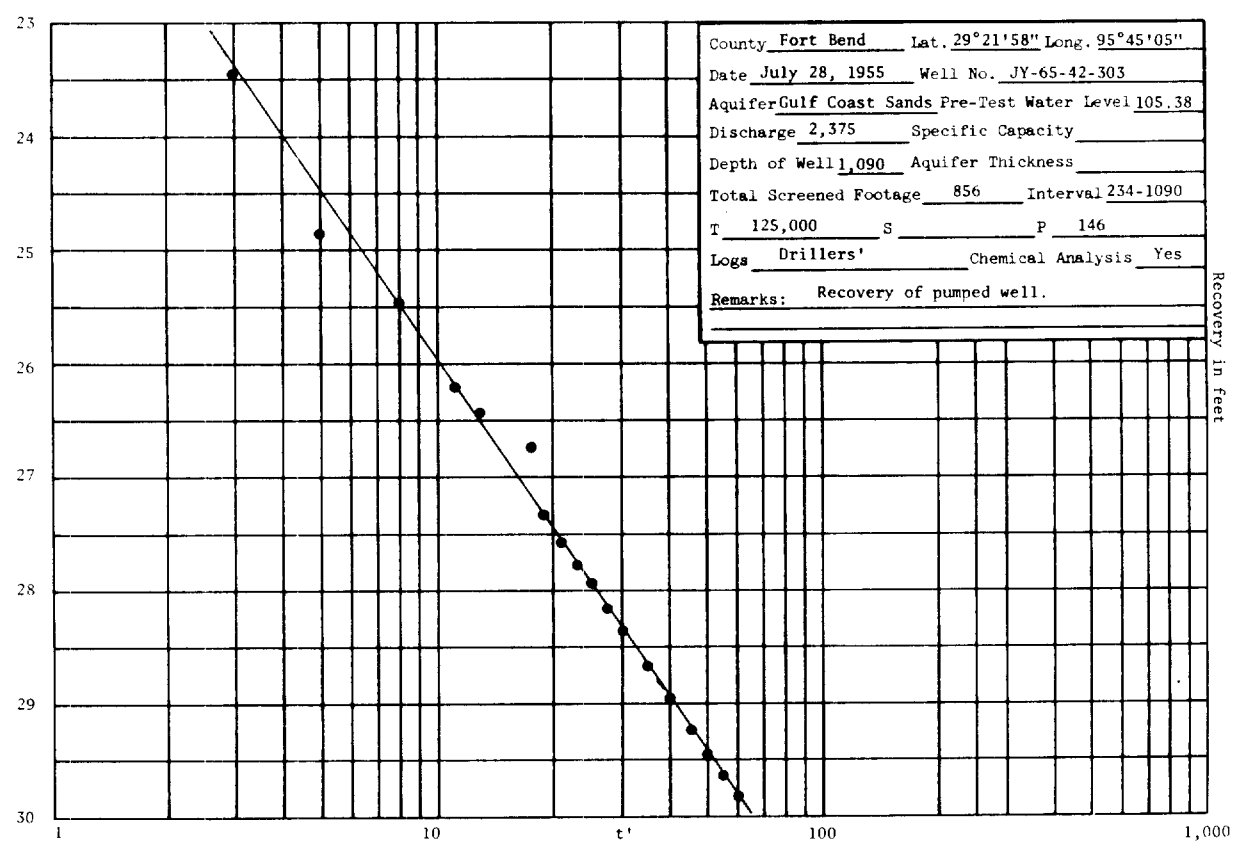

County Fannin Lat. 33°23'15" Long. 96°14'33"
Date Mar. 26,1956 Well No. JS-18-39-701
Aquifer Woodbine Pre-Test Water Level 442.0
Discharge 280 Specific Capacity 1.0 (100 min.)
Depth of Well 1,690 Aquifer Thickness
Total Screened Footage 150 Interval 1523-1673
T 26,400 S P 176
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
1
2
3
1
10
t
100
1,000
Drawdown in feet

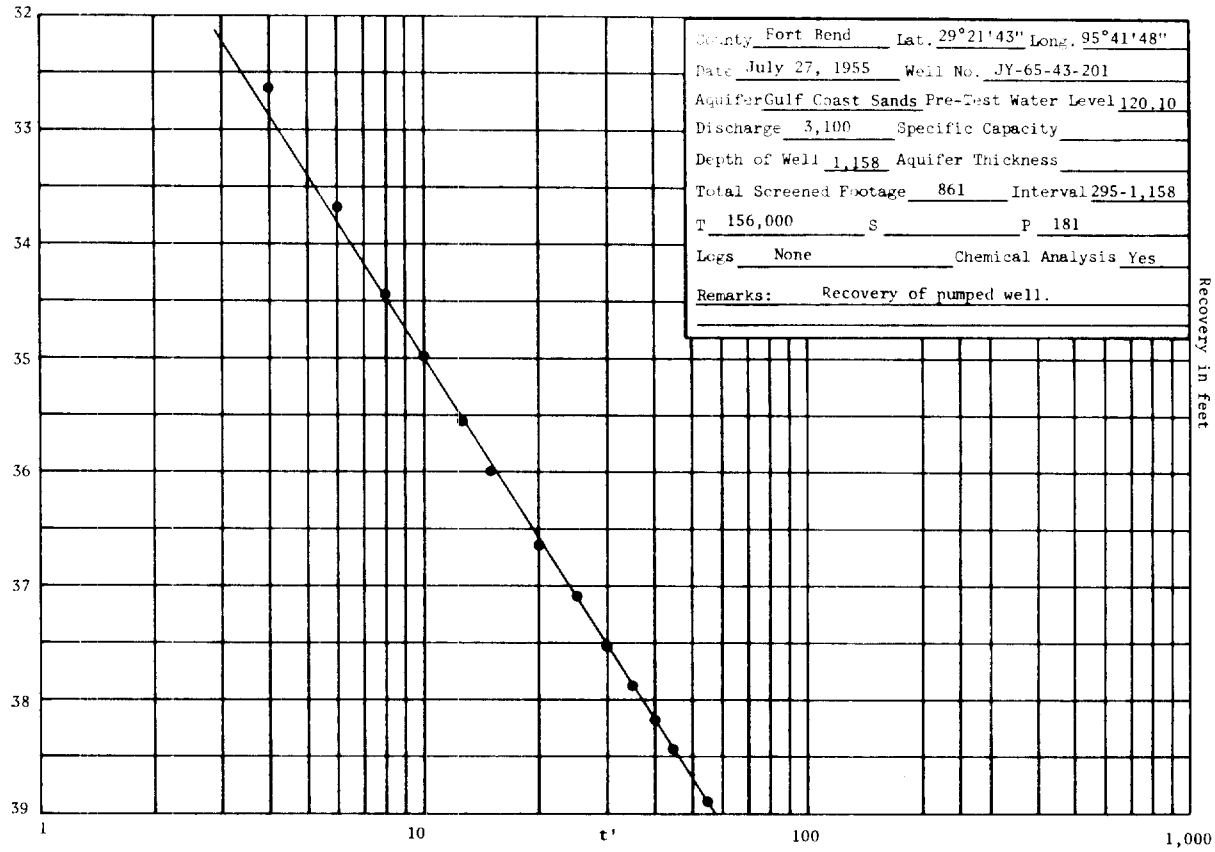

County Fannin Lat. 33°35'16" Long. 96°10'15"
Date Aug. 1, 1957 Well No. JS-18-31-201
Aquifer Woodbine Pre-Test Water Level 349.40
Discharge 740 Specific Capacity
Depth of Well 1,282 Aquifer Thickness 320±
Total Screened Footage 187 Interval 1095-1282
T 14,000 S P 75
Logs Drillers' Chemical Analysis No
Remarks: Recovery of pumped well.
330
335
340
345
350
355
360
365
.1
1
t'
10
100
Depth to water in feet

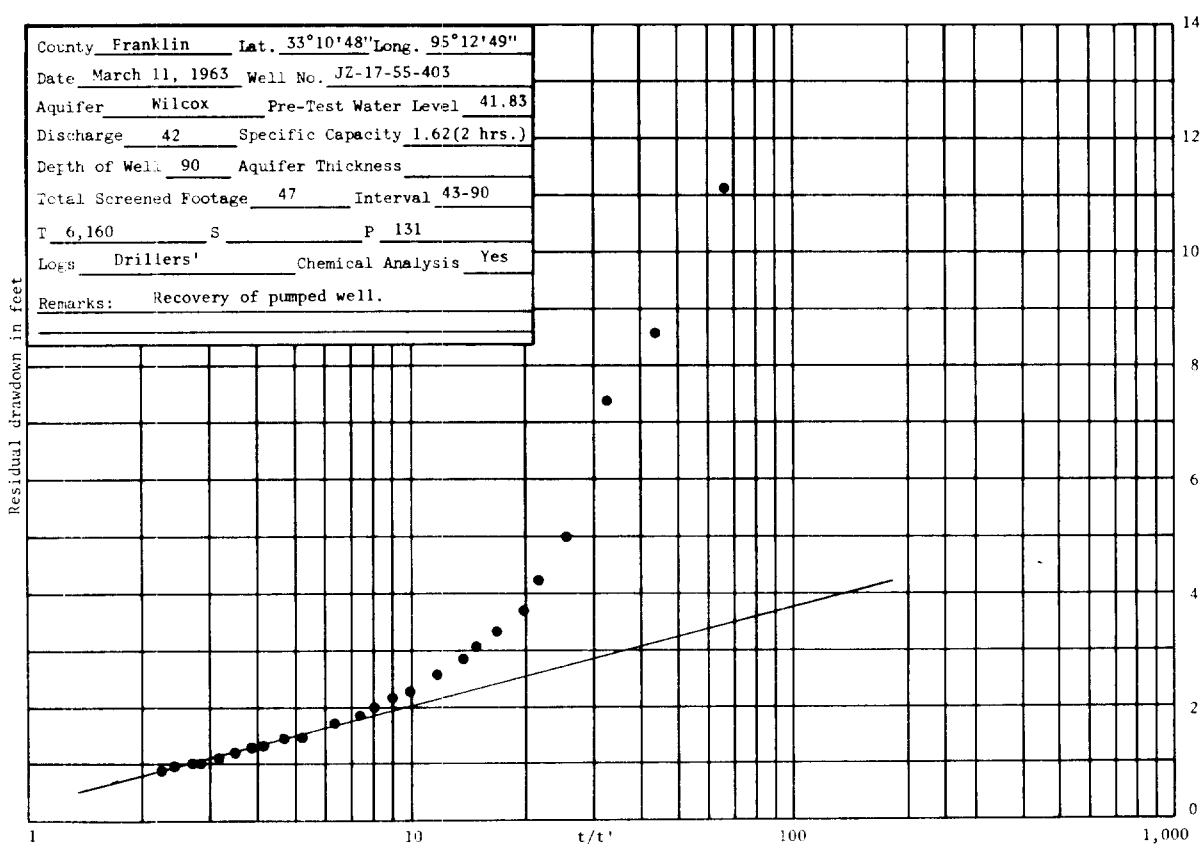

County Fort Bend Lat. 29°33'24" Long. 95°46'59"
Date July 28, 1955 Well No. JY-65-26-602
Aquifer Gulf Coast Sands Pre-Test Water Level 96.32
Discharge 1,750 Specific Capacity
Depth of Well 400 Aquifer Thickness
Total Screened Footage 241 Interval 150-400
T 104,000 S P
Logs Electric Chemical Analysis No
Remarks: Recovery of pumped well.
Recovery in feet
28
29
30
31
32
33
34
35
1
10
t'
100
1,000

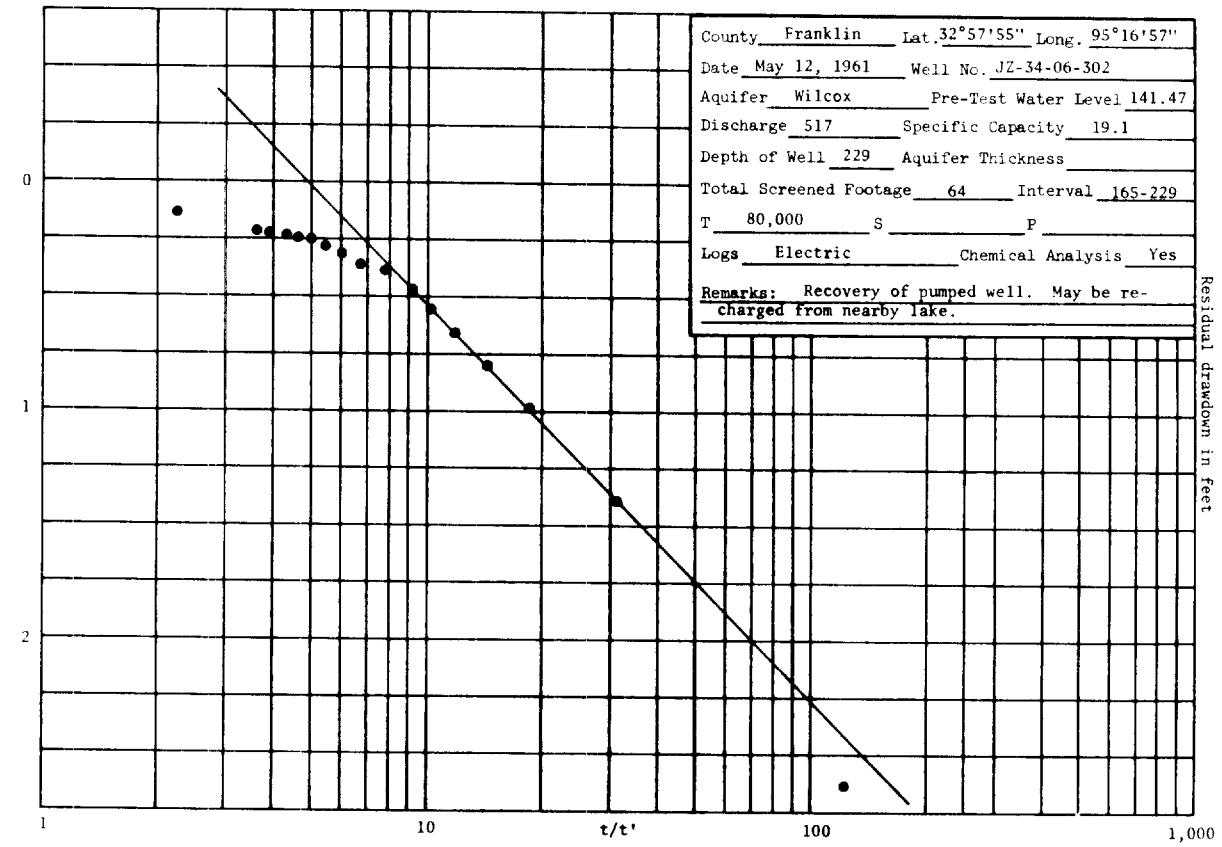

County Fort Bend Lat. 29°25'26" Long. 95°57'13"
Date July 28, 1955 Well No. JY-65-33-502
Aquifer Gulf Coast Sands Pre-Test Water Level 72.11
Discharge 2,125 Specific Capacity
Depth of Well 590 Aquifer Thickness
Total Screened Footage Unknown Interval
T 126,000 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
31
30
29
28
27
26
25
24
.1
1
t'
10
100

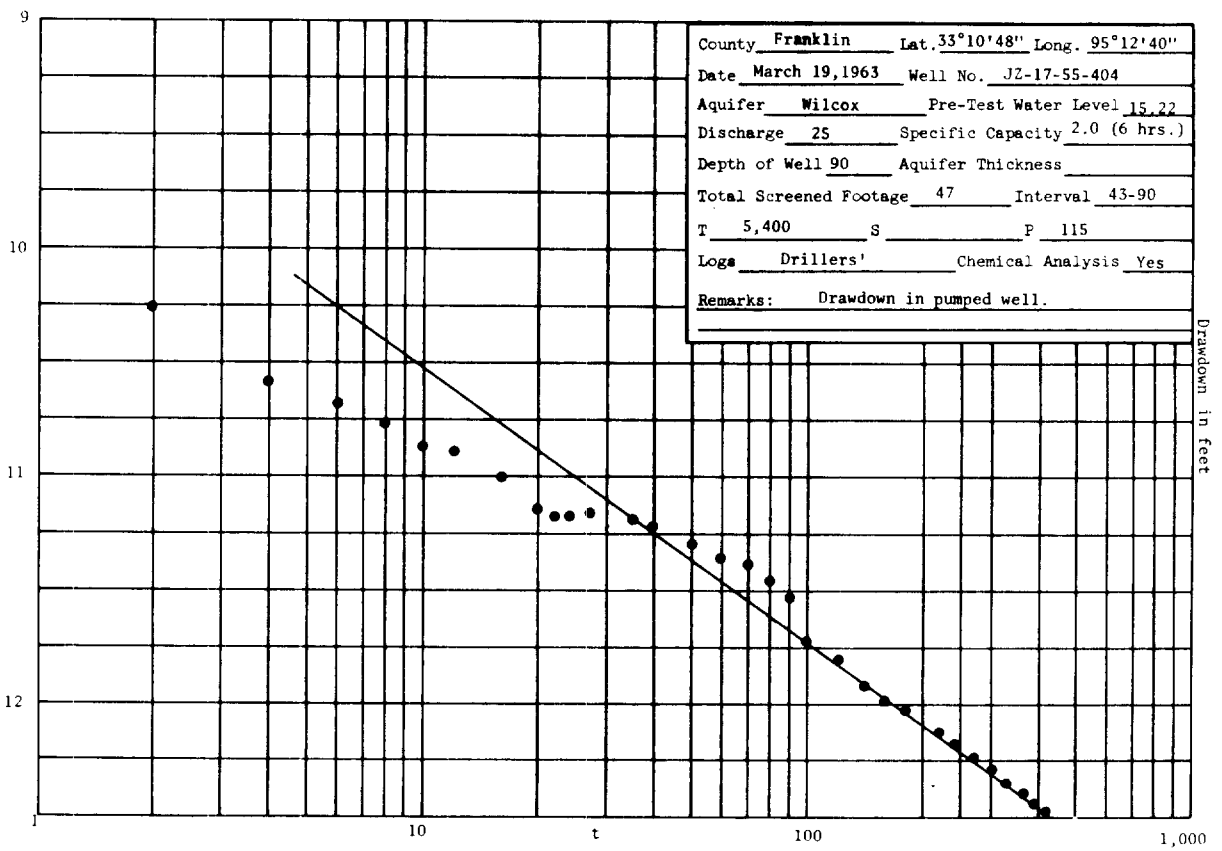

County Fort Bend Lat. 29°24'59" Long. 95°45'19"
Date July 19, 1955 Well No. JY-63-34-901
Aquifer Gulf Coast Sands Pre-Test Water Level 86.0
Discharge 1,590 Specific Capacity
Depth of Well 636 Aquifer Thickness
Total Screened Footage 307 Interval 85-617
T 120,000 S P
Logs None Chemical Analysis No
Remarks: Recovery of pumped well.
28
29
30
31
32
33
34
35
1
10
t'
100
1,000
Recovery in feet

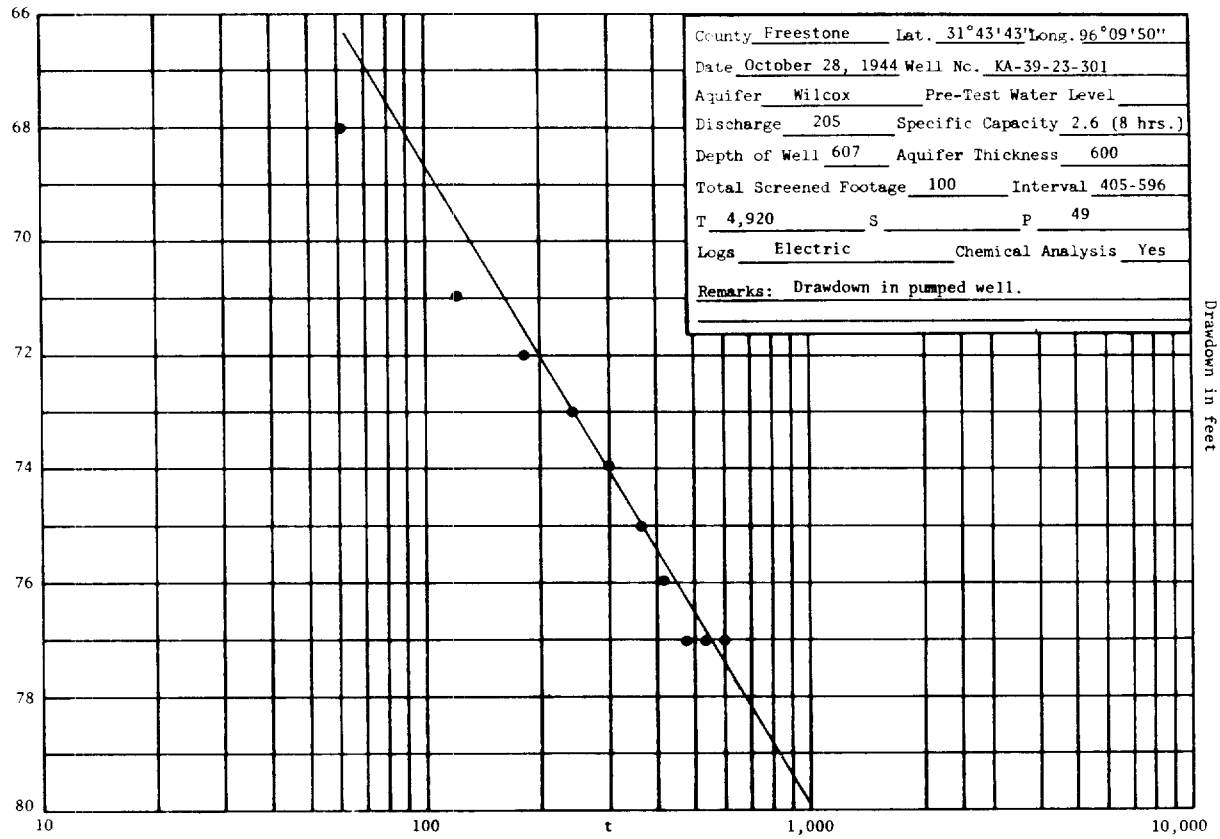

County Fort Bend Lat. 29°21'58" Long. 95°45'05"
Date July 28, 1955 Well No. JY-65-42-303
Aquifer Gulf Coast Sands Pre-Test Water Level 105.38
Discharge 2,375 Specific Capacity
Depth of Well 1,090 Aquifer Thickness
Total Screened Footage 856 Interval 234-1090
T 125,000 S P 146
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
23
24
25
26
27
28
29
30
1
10
t'
100
1,000
Recovery in feet

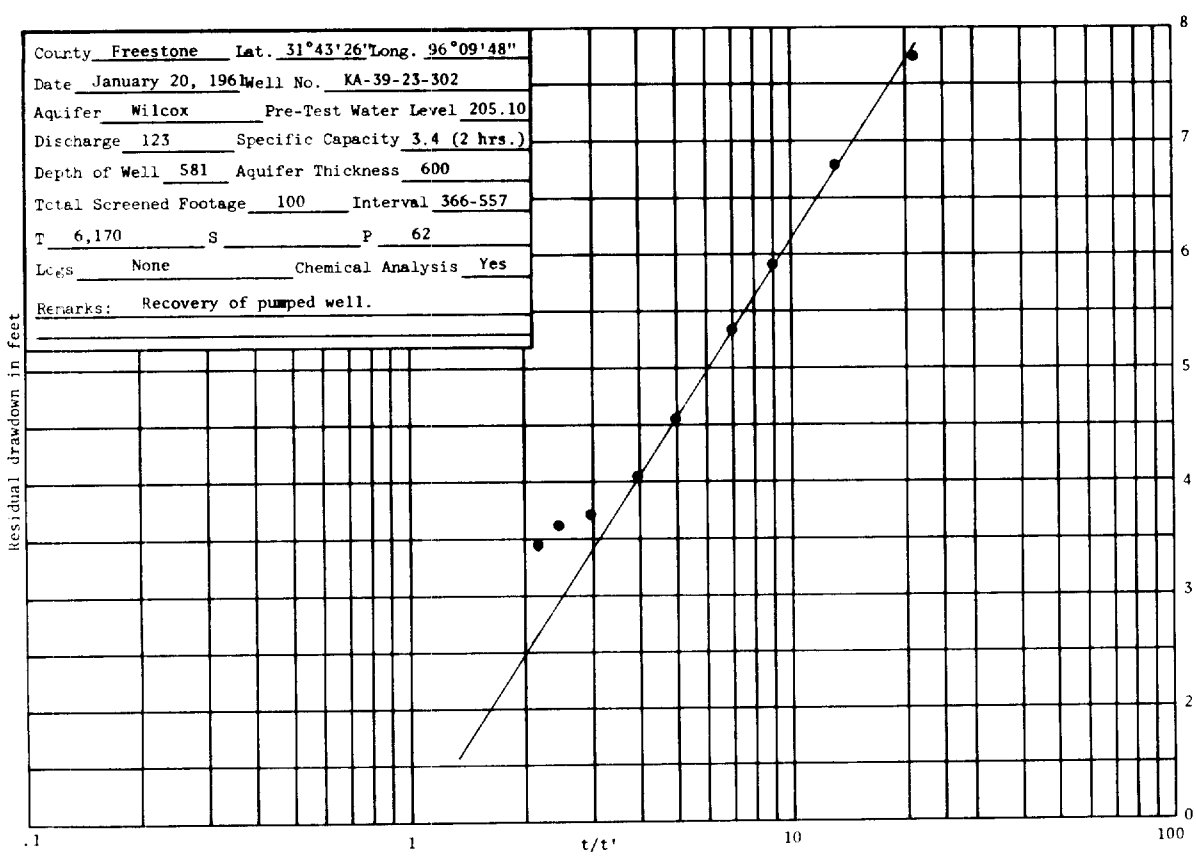

County Fort Bend Lat. 29°21'43" Long. 95°41'48"
Date July 27, 1955 Well No. JY-65-43-201
Aquifer Gulf Coast Sands Pre-Test Water Level 120.10
Discharge 3,100 Specific Capacity
Depth of Well 1,158 Aquifer Thickness
Total Screened Footage 861 Interval 295-1,158
T 156,000 S P 181
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
32
33
34
35
36
37
38
39
1
10
t'
100
1,000
Recovery in feet

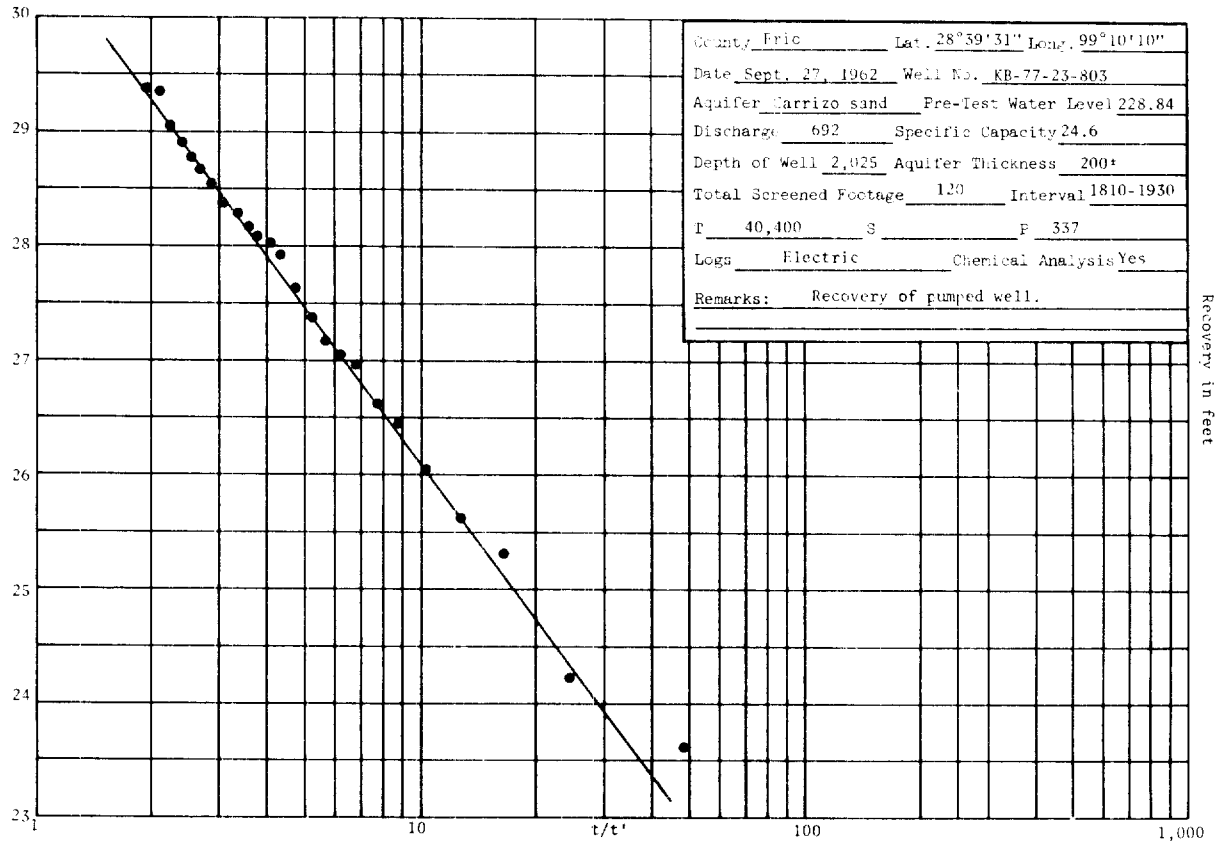

County Franklin Lat. 33°10'48" Long. 95°12'49"
Date March 11, 1963 Well No. JZ-17-55-403
Aquifer Wilcox Pre-Test Water Level 41.83
Discharge 42 Specific Capacity 1.62(2 hrs.)
Depth of Well 90 Aquifer Thickness
Total Screened Footage 47 Interval 43-90
T 6,160 S P 131
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
2
4
6
8
10
12
14
1
10
t/t'
100
1,000

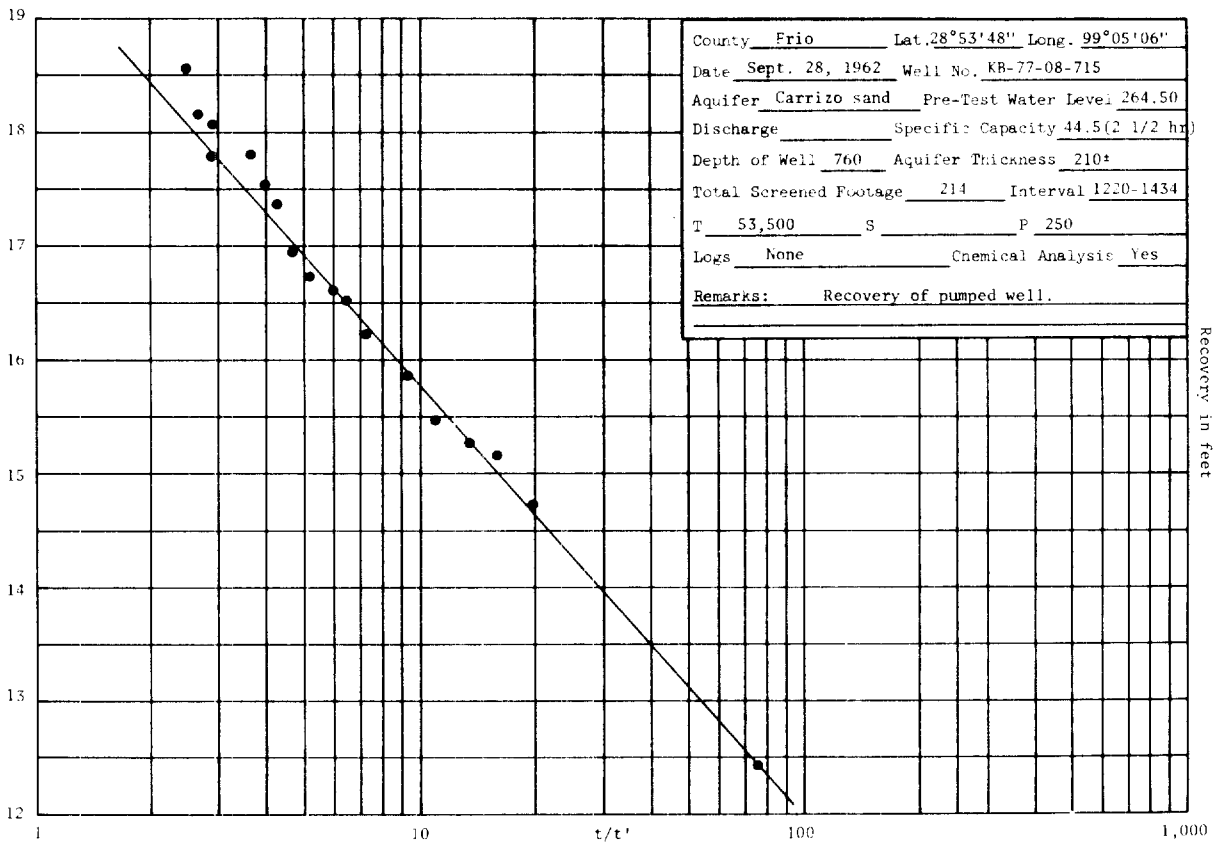

County Franklin Lat. 32°57'55" Long. 95°16'57"
Date May 12, 1961 Well No. JZ-34-06-302
Aquifer Wilcox Pre-Test Water Level 141.47
Discharge 517 Specific Capacity 19.1
Depth of Well 229 Aquifer Thickness
Total Screened Footage 64 Interval 165-229
T 80,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well. May be recharged from nearby lake.
0
1
2
1
10
t/t'
100
1,000
Residual drawdown in feet

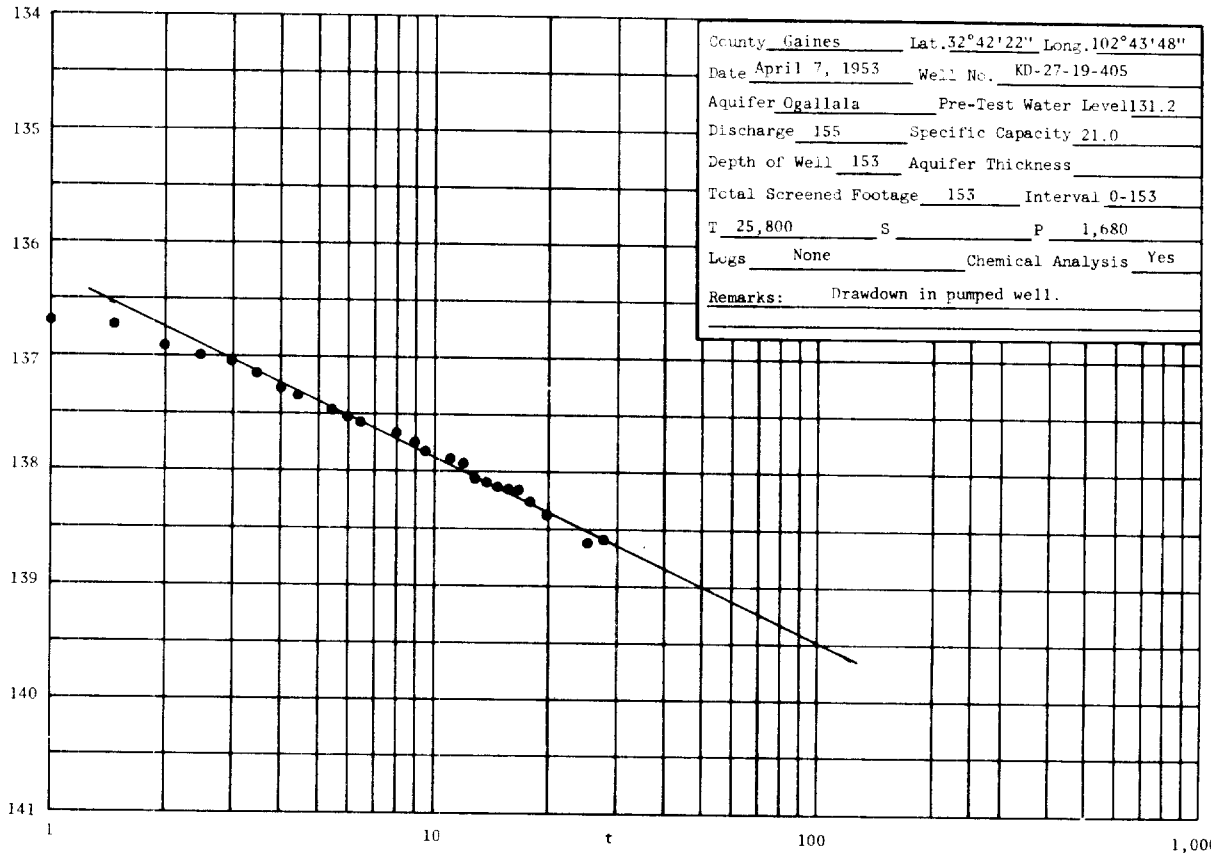

County Franklin Lat. 33°10'48" Long. 95°12'40"
Date March 19,1963 Well No. JZ-17-55-404
Aquifer Wilcox Pre-Test Water Level 15.22
Discharge 25 Specific Capacity 2.0 (6 hrs.)
Depth of Well 90 Aquifer Thickness
Total Screened Footage 47 Interval 43-90
T 5,400 S P 115
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in pumped well.
9
10
11
12
1
10
t
100
1,000
Drawdown in feet

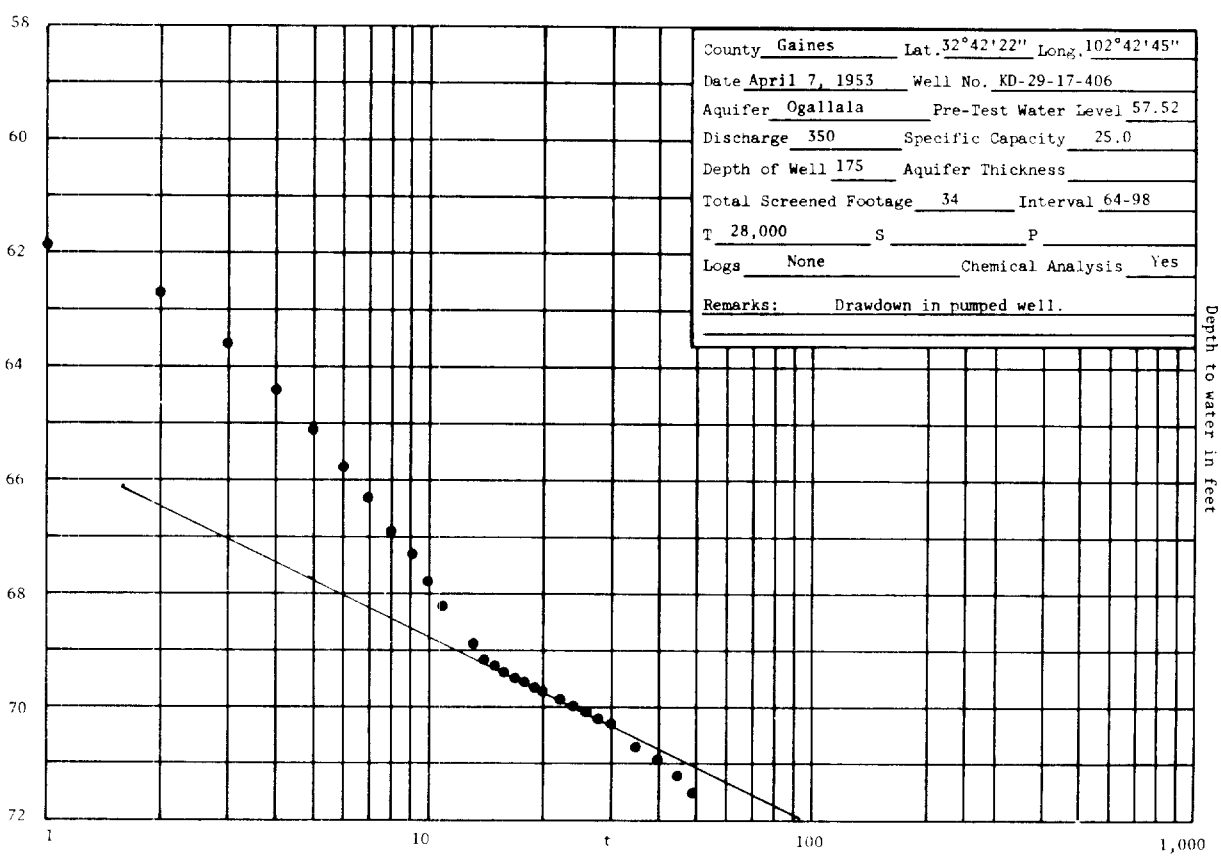

County Freestone Lat. 31°43'43"Long. 96°09'50"
Date October 28, 1944 Well No. KA-39-23-301
Aquifer Wilcox Pre-Test Water Level
Discharge 205 Specific Capacity 2.6 (8 hrs.)
Depth of Well 607 Aquifer Thickness 600
Total Screened Footage 100 Interval 405-596
T 4,920 S P 49
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
66
68
70
72
74
76
78
80
10
100
t
1,000
10,000
Drawdown in feet

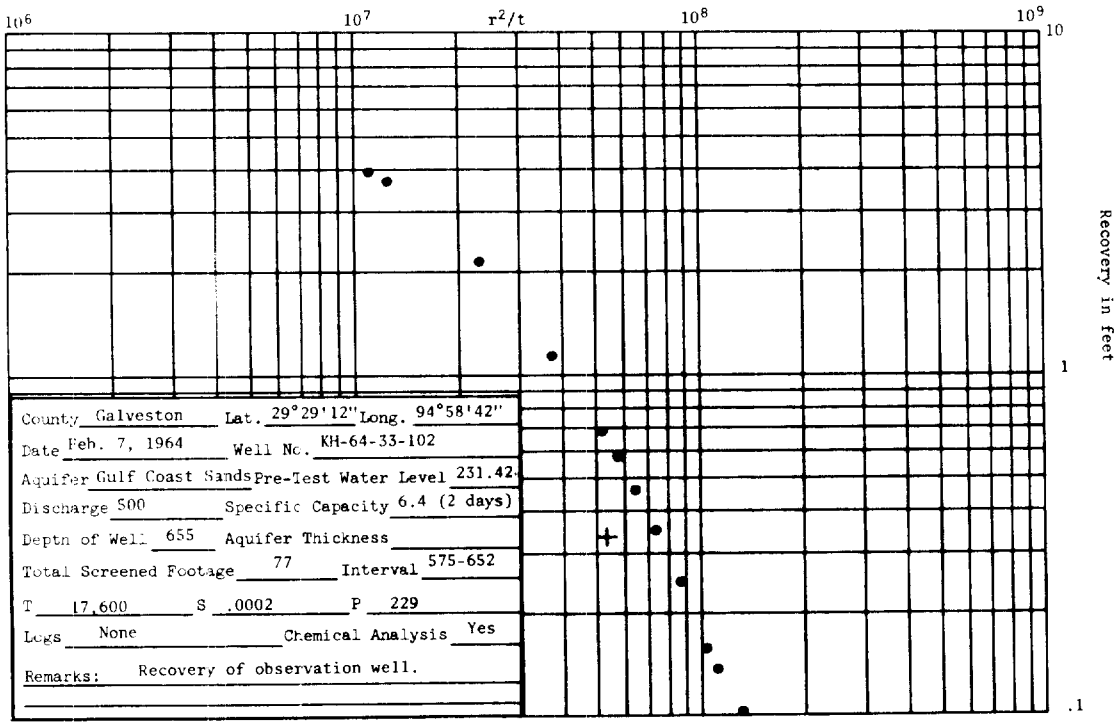

County Freestone Lat. 31°43'26"Long. 96°09'48"
Date January 20, 1961 Well No. KA-39-23-302
Aquifer Wilcox Pre-Test Water Level 205.10
Discharge 123 Specific Capacity 3.4 (2 hrs.)
Depth of Well 581 Aquifer Thickness 600
Total Screened Footage 100 Interval 366-557
T 6,170 S P 62
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
0
1
2
3
4
5
6
7
8
.1
1
t/t'
10
100


County Frio Lat. 28°39'31" Long. 99°10'10"
Date Sept. 27, 1962 Well No. KB-77-23-803
Aquifer Carrizo sand Pre-Test Water Level 228.84
Discharge 692 Specific Capacity 24.6
Depth of Well 2,025 Aquifer Thickness 200±
Total Screened Footage 120 Interval 1810-1930
T 40,400 S P 337
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
30
29
28
27
26
25
24
23
1
10
t/t'
100
1,000
Recovery in feet

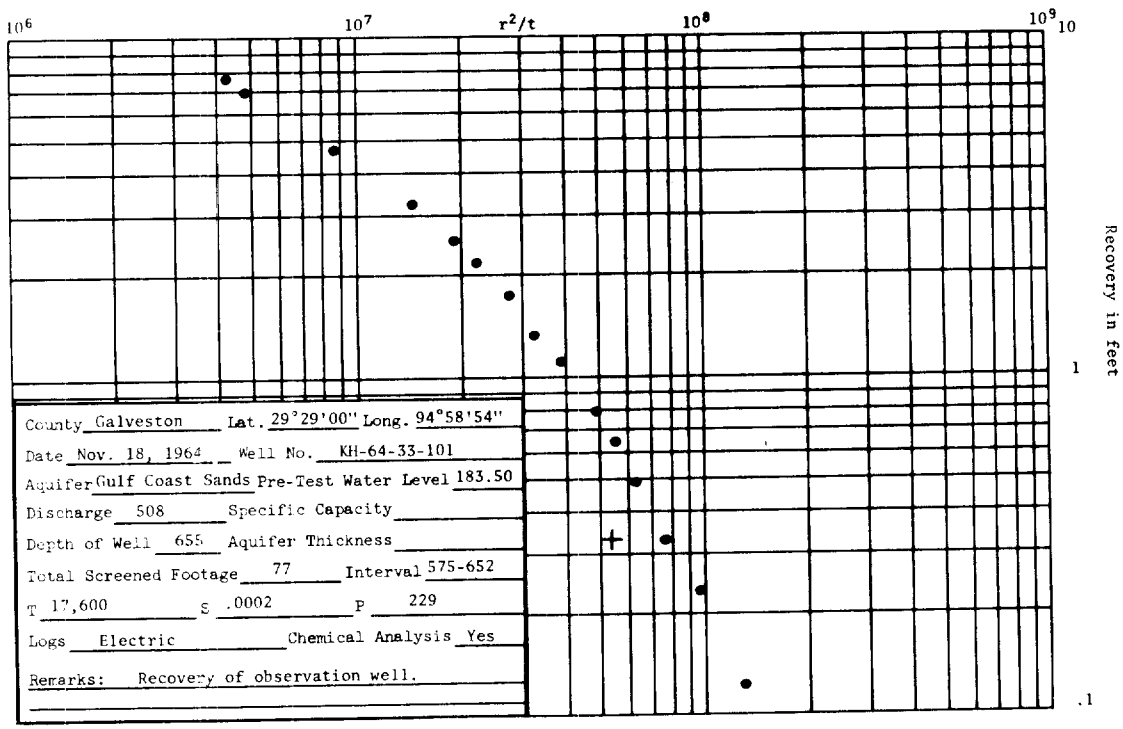

County Frio Lat. 28°53'48" Long. 99°05'06"
Date Sept. 28, 1962 Well No. KB-77-08-715
Aquifer Carrizo sand Pre-Test Water Level 264.50
Discharge Specific Capacity 44.5(2 1/2 hr)
Depth of Well 760 Aquifer Thickness 210±
Total Screened Footage 214 Interval 1220-1434
T 53,500 S P 250
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
19
18
17
16
15
14
13
12
1
10
t/t'
100
1,000
Recovery in feet


134
135
136
137
138
139
140
141
1
10
t
100
1,000
Depth to water in feet
County Gaines Lat. 32°42'22" Long. 102°43'48"
Date April 7, 1953 Well No. KD-27-19-405
Aquifer Ogallala Pre-Test Water Level 131.2
Discharge 155 Specific Capacity 21.0
Depth of Well 153 Aquifer Thickness
Total Screened Footage 153 Interval 0-153
T 25,800 S P 1,680
Logs None Chemical Analysis Yes
Remarks: Drawdown in pumped well.

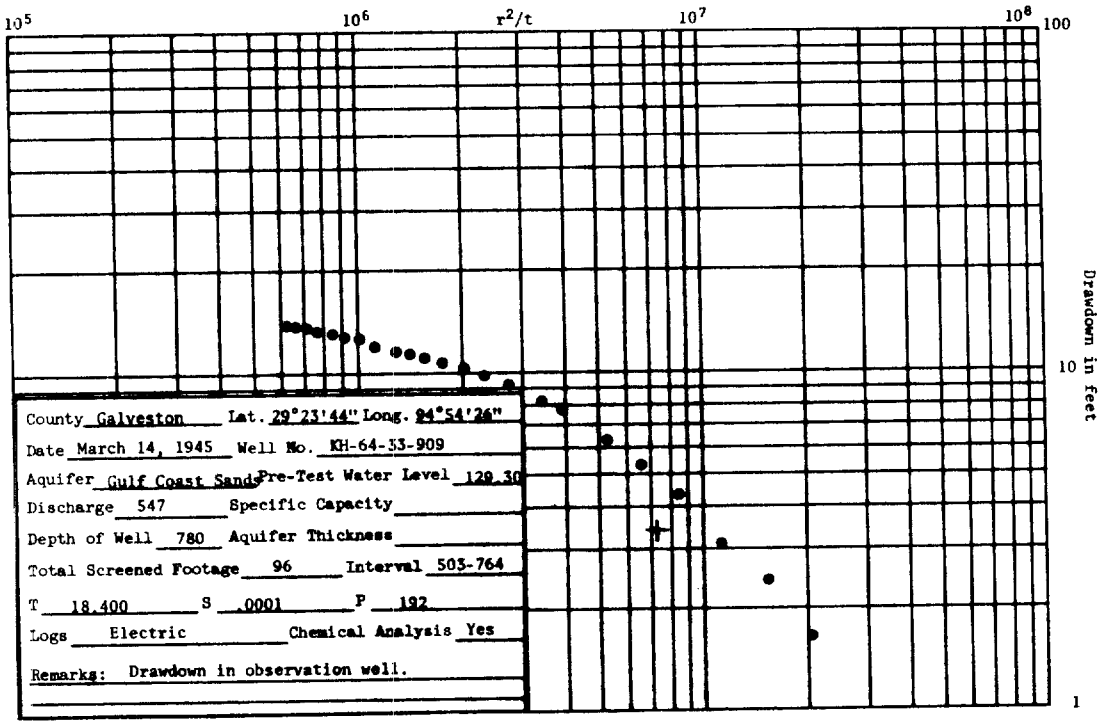

58
60
62
64
66
68
70
72
1
10
t
100
1,000
Depth to water in feet
County Gaines Lat. 32°42'22" Long. 102°42'45"
Date April 7, 1953 Well No. KD-29-17-406
Aquifer Ogallala Pre-Test Water Level 57.52
Discharge 350 Specific Capacity 25.0
Depth of Well 175 Aquifer Thickness
Total Screened Footage 34 Interval 64-98
T 28,000 S P
Logs None Chemical Analysis Yes
Remarks: Drawdown in pumped well.

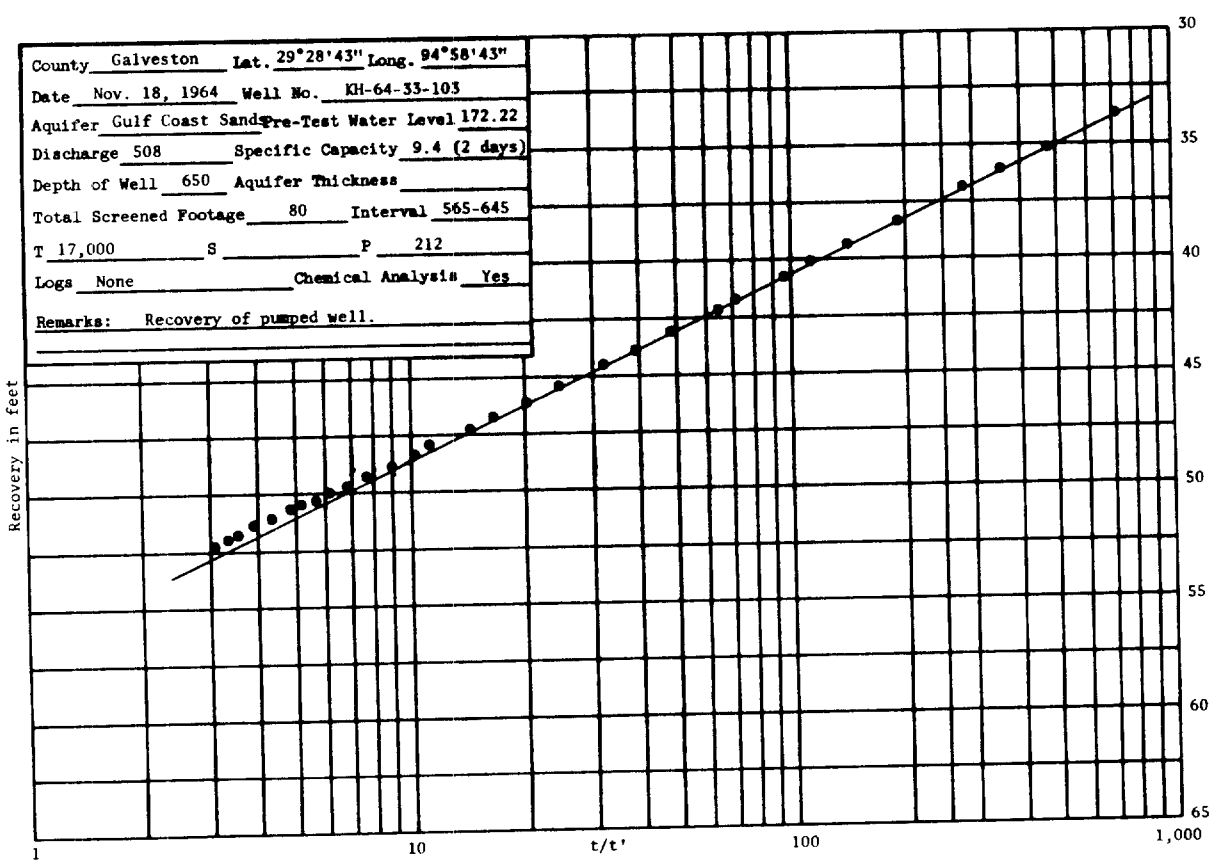


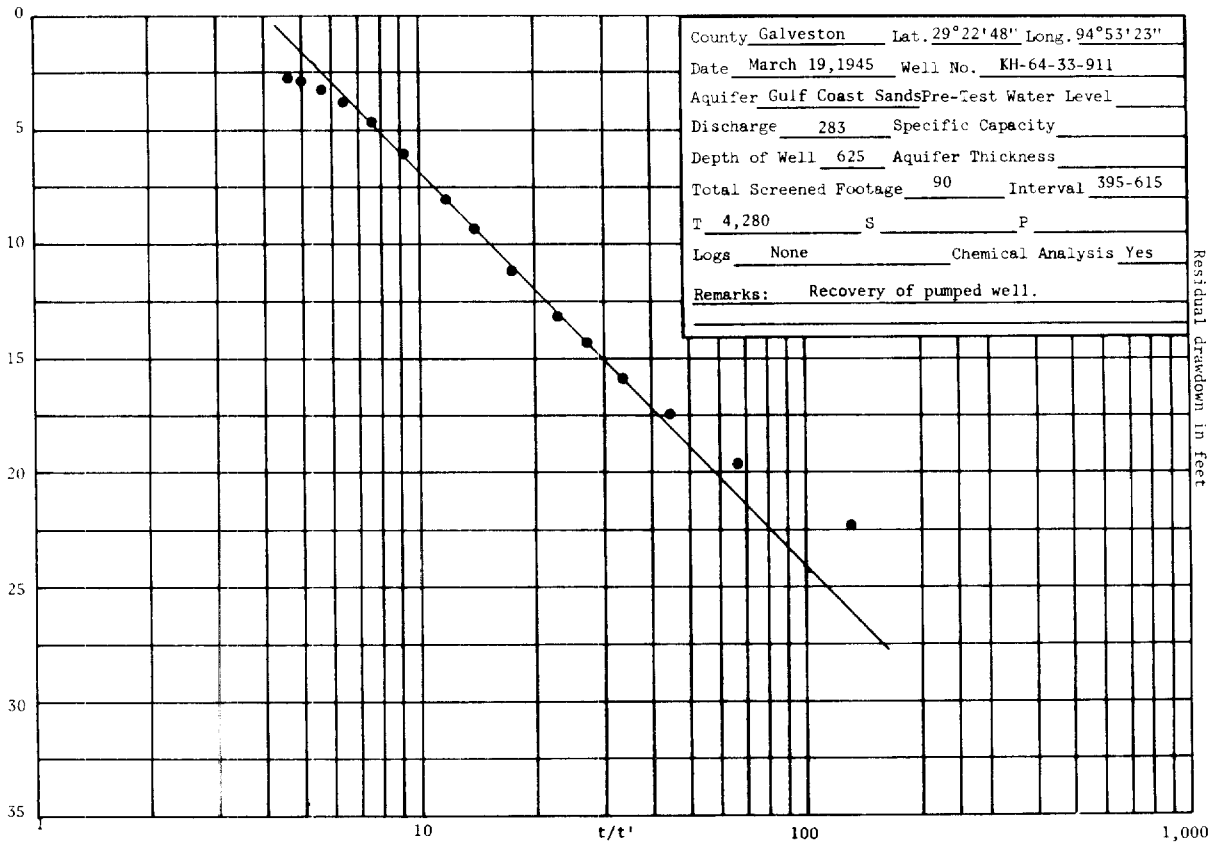
County Galveston Lat. 29°29'12" Long. 94°58'42"
Date Feb. 7, 1964 Well No. KH-64-33-102
Aquifer Gulf Coast Sands Pre-Test Water Level 231.42
Discharge 500 Specific Capacity 6.4 (2 days)
Depth of Well 655 Aquifer Thickness
Total Screened Footage 77 Interval 575-652
T 17,600 S .0002 P 229
Logs None Chemical Analysis Yes
Remarks: Recovery of observation well.

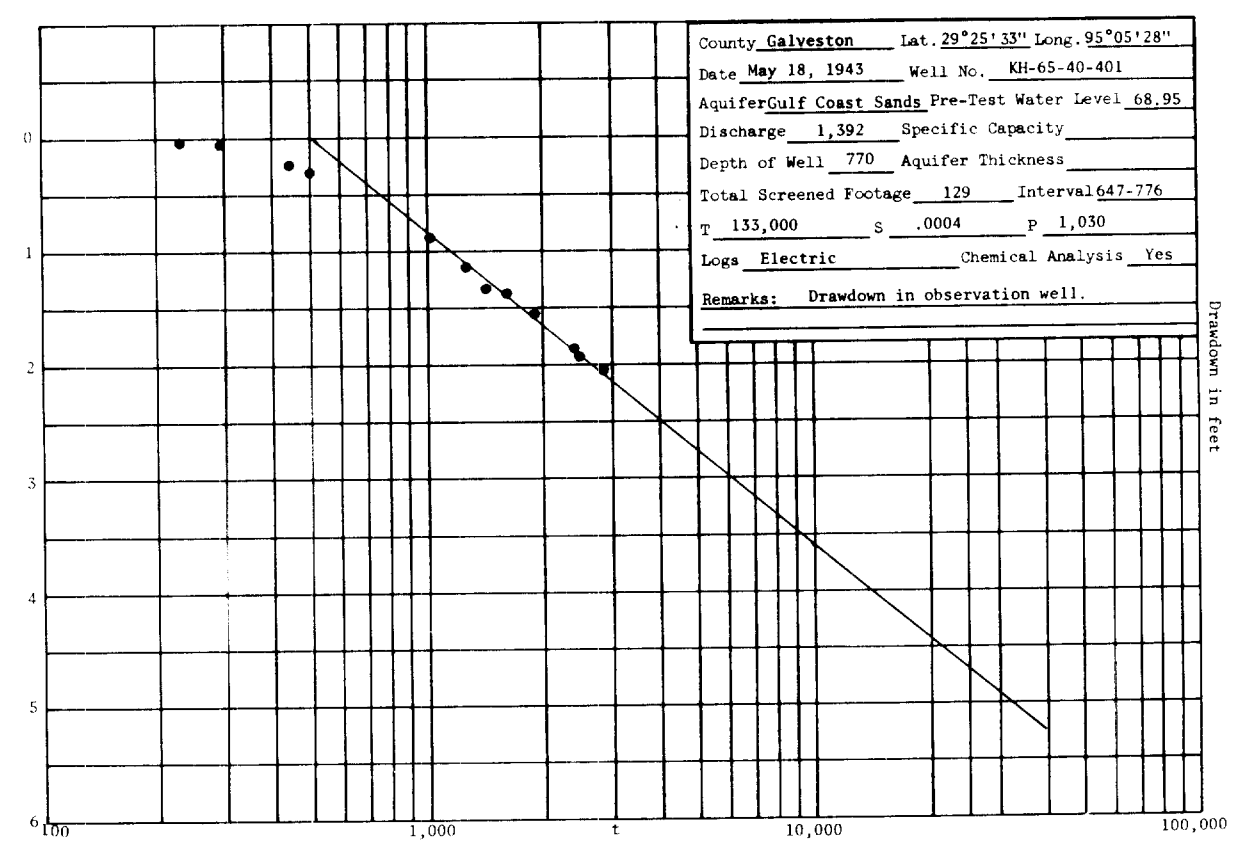


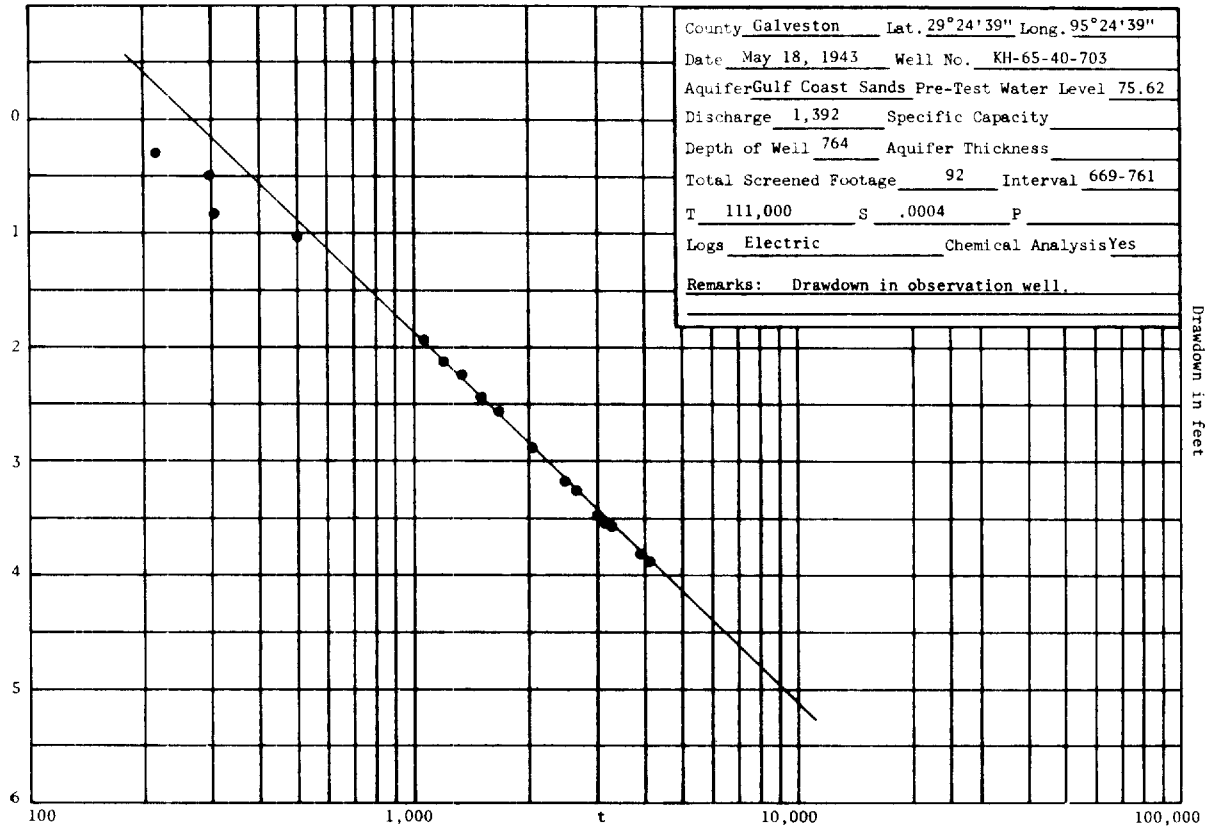
County Galveston Lat. 29°29'00" Long. 94°58'54"
Date Nov. 18, 1964 Well No. KH-64-33-101
Aquifer Gulf Coast Sands Pre-Test Water Level 183.50
Discharge 508 Specific Capacity
Depth of Well 655 Aquifer Thickness
Total Screened Footage 77 Interval 575-652
T 17,600 S .0002 P 229
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.

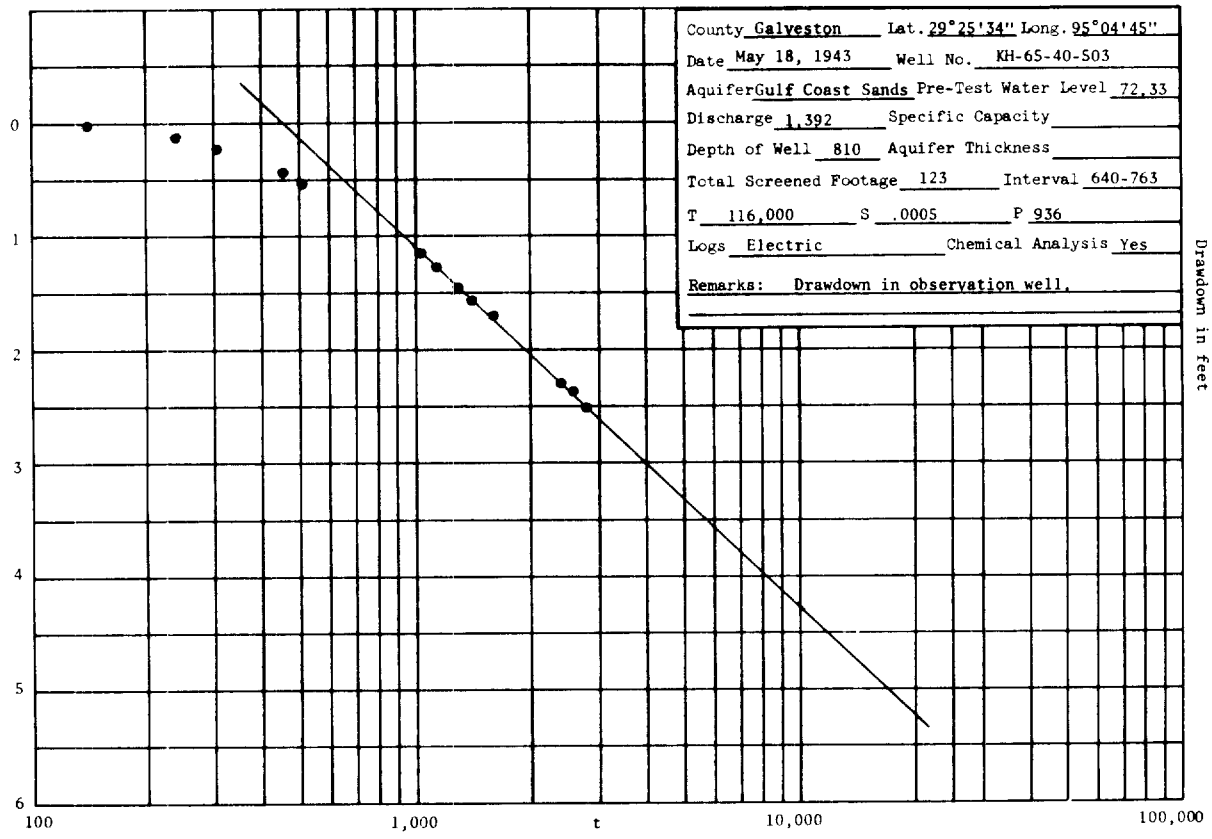

10^5
10^6
r^2/t
10^7
10^8
100
10
1
Drawdown in feet
County Galveston Lat. 29°23'44" Long. 94°54'26"
Date March 14, 1945 Well No. KH-64-53-909
Aquifer Gulf Coast Sands Pre-Test Water Level 129.30
Discharge 547 Specific Capacity
Depth of Well 780 Aquifer Thickness
Total Screened Footage 96 Interval 503-764
T 18,400 S .0001 P 192
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

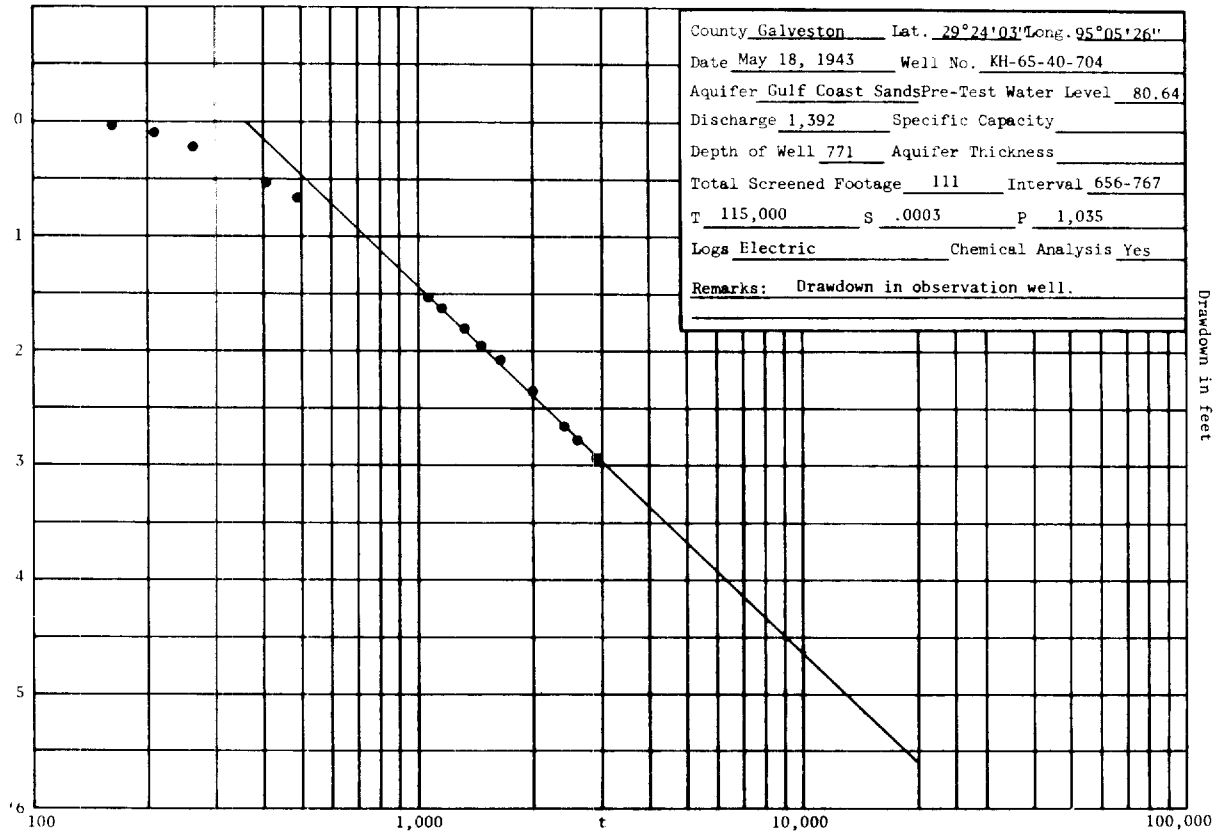

County Galveston Lat. 29°28'43" Long. 94°58'43"
Date Nov. 18, 1964 Well No. KH-64-33-103
Aquifer Gulf Coast Sands Pre-Test Water Level 172.22
Discharge 508 Specific Capacity 9.4 (2 days)
Depth of Well 650 Aquifer Thickness
Total Screened Footage 80 Interval 565-645
T 17,000 S P 212
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
30
35
40
45
50
55
60
65
1
10
t/t'
100
1,000

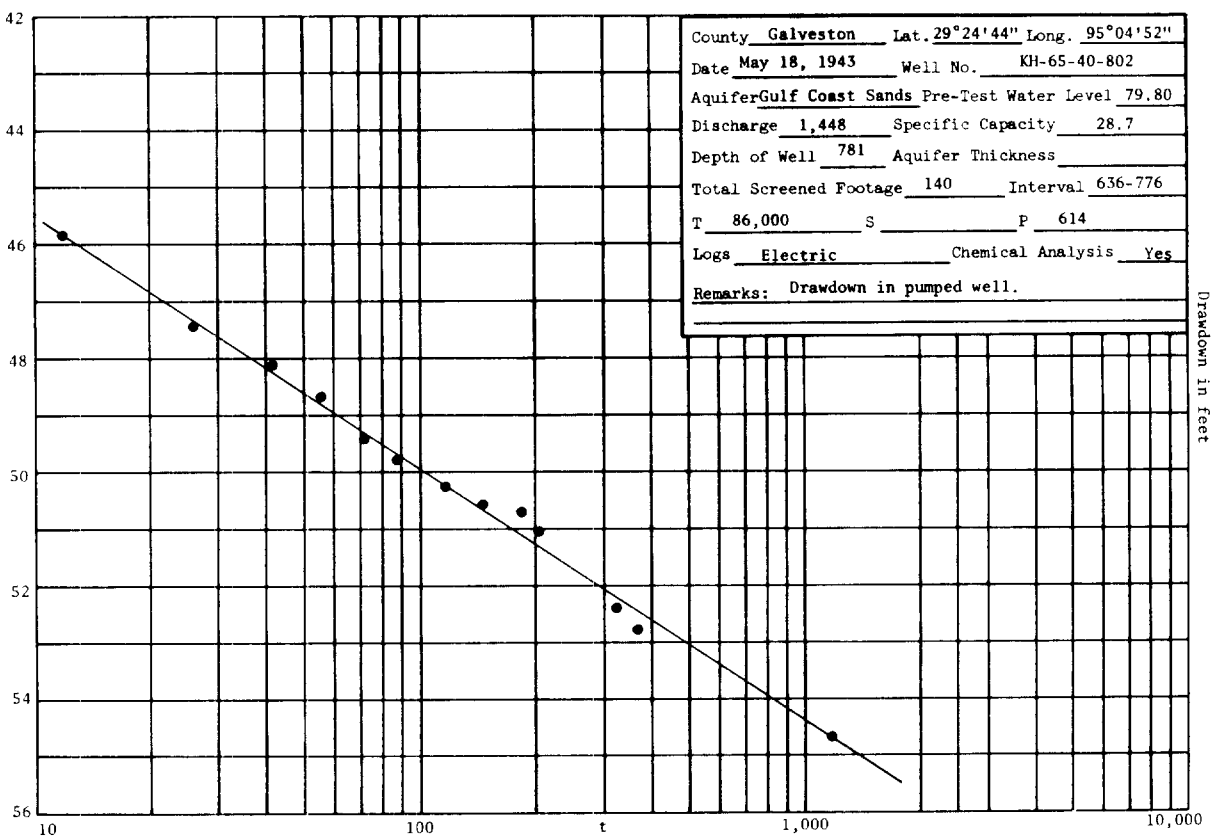

County Galveston Lat. 29°22'48" Long. 94°53'23"
Date March 19,1945 Well No. KH-64-33-911
Aquifer Gulf Coast Sands Pre-Test Water Level
Discharge 283 Specific Capacity
Depth of Well 625 Aquifer Thickness
Total Screened Footage 90 Interval 395-615
T 4,280 S P
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
5
10
15
20
25
30
35
1
10
t/t'
100
1,000
Residual drawdown in feet

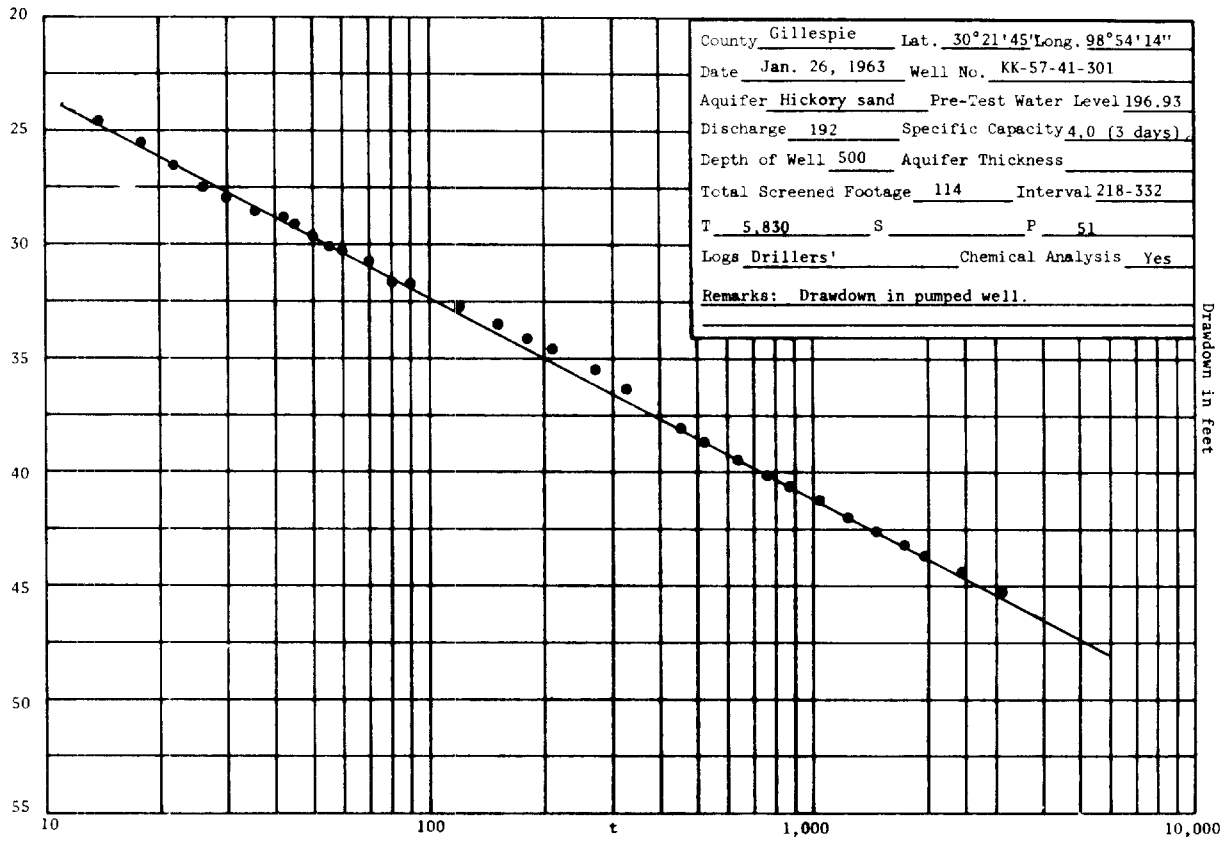

County Galveston Lat. 29°25'33" Long. 95°05'28"
Date May 18, 1943 Well No. KH-65-40-401
Aquifer Gulf Coast Sands Pre-Test Water Level 68.95
Discharge 1,392 Specific Capacity
Depth of Well 770 Aquifer Thickness
Total Screened Footage 129 Interval 647-776
T 133,000 S .0004 P 1,030
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.
0
1
2
3
4
5
6
100
1,000
t
10,000
100,000
Drawdown in feet

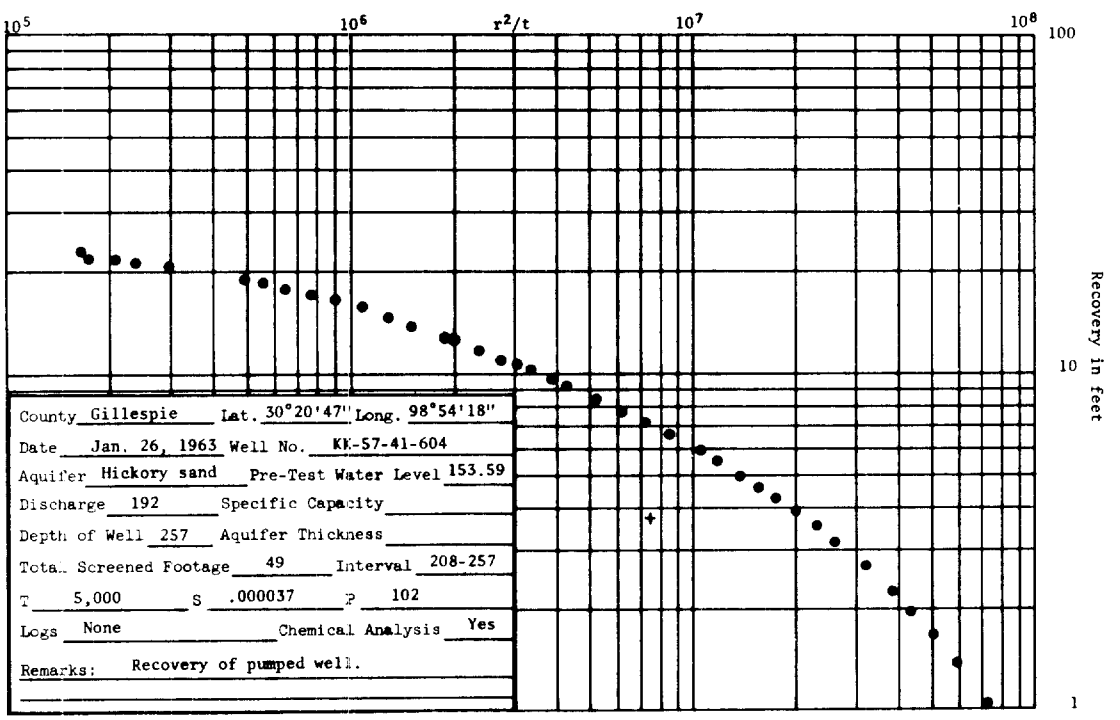

County Galveston Lat. 29°24'39" Long. 95°24'39"
Date May 18, 1943 Well No. KH-65-40-703
Aquifer Gulf Coast Sands Pre-Test Water Level 75.62
Discharge 1,392 Specific Capacity
Depth of Well 764 Aquifer Thickness
Total Screened Footage 92 Interval 669-761
T 111,000 S .0004 P
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.
0
1
2
3
4
5
6
100
1,000
t
10,000
100,000
Drawdown in feet

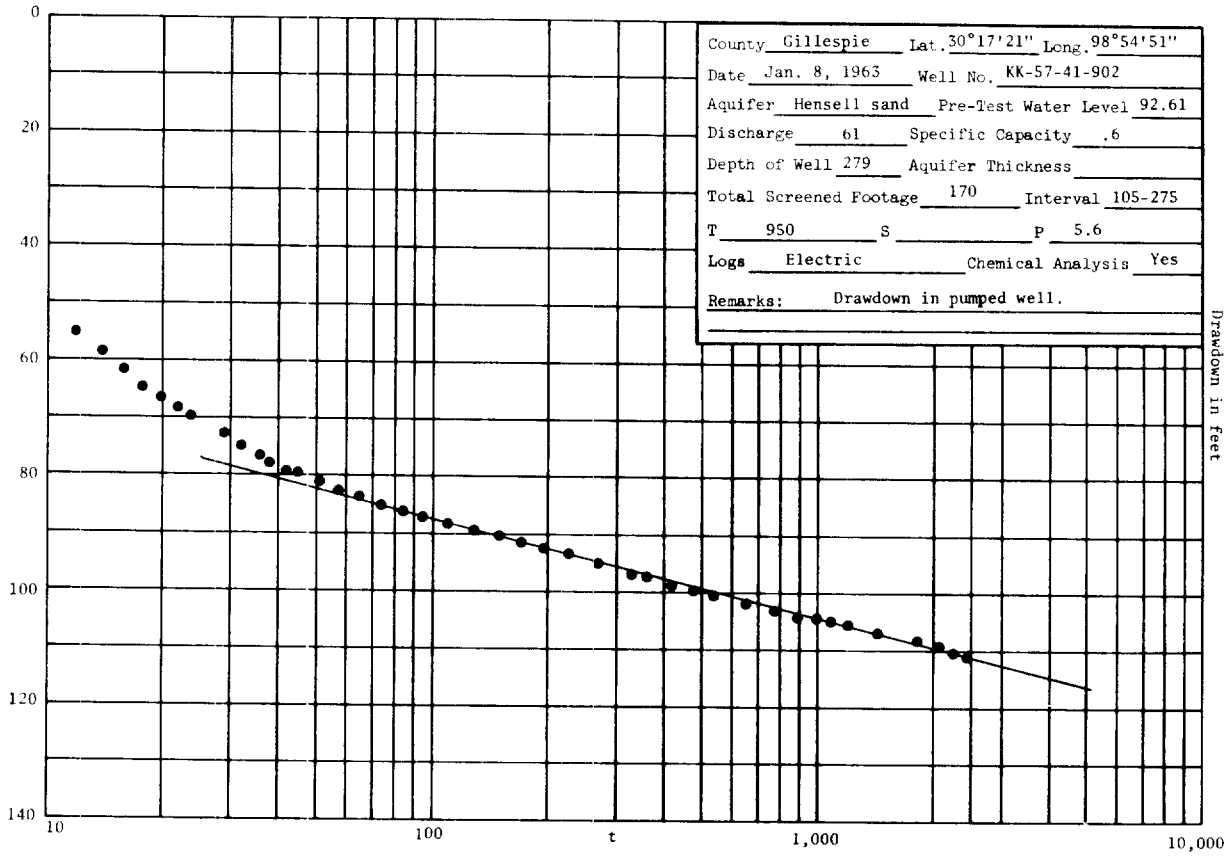

County Galveston Lat. 29°25'34" Long. 95°04'45"
Date May 18, 1943 Well No. KH-65-40-503
Aquifer Gulf Coast Sands Pre-Test Water Level 72.33
Discharge 1,392 Specific Capacity
Depth of Well 810 Aquifer Thickness
Total Screened Footage 123 Interval 640-763
T 116,000 S .0005 P 936
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.
0
1
2
3
4
5
6
100
1,000
t
10,000
100,000
Drawdown in feet

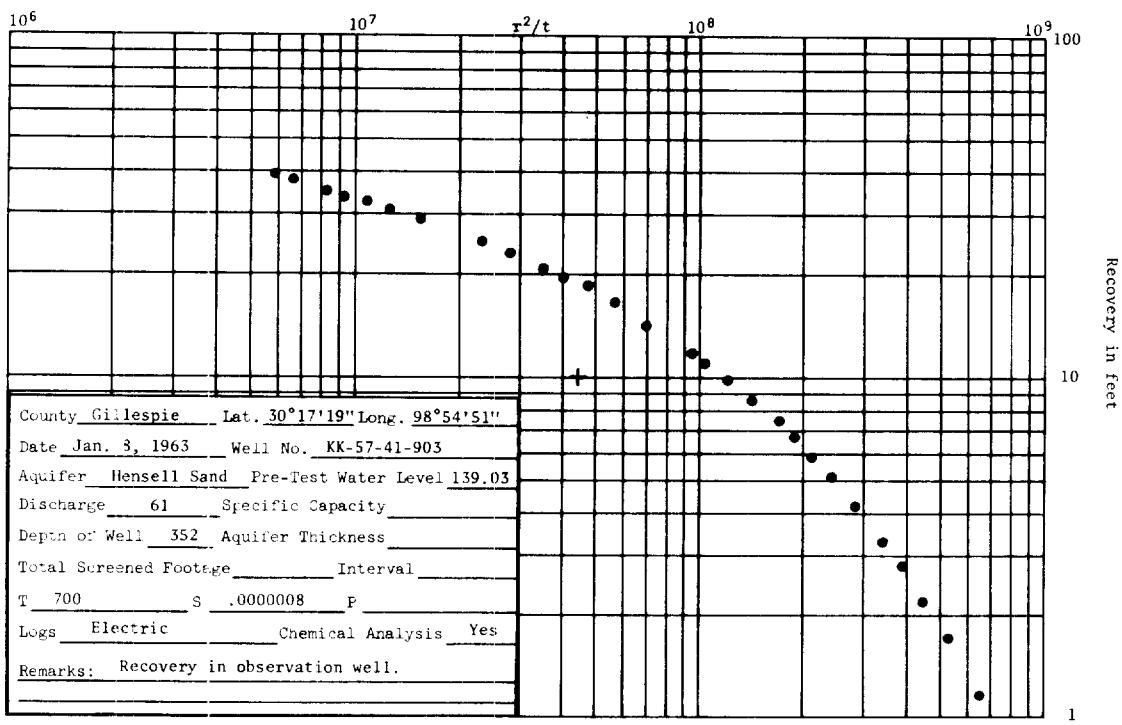

County Galveston Lat. 29°24'03" Long. 95°05'26"
Date May 18, 1943 Well No. KH-65-40-704
Aquifer Gulf Coast Sands Pre-Test Water Level 80.64
Discharge 1,392 Specific Capacity
Depth of Well 771 Aquifer Thickness
Total Screened Footage 111 Interval 656-767
T 115,000 S .0003 P 1,035
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.
0
1
2
3
4
5
6
100
1,000
t
10,000
100,000
Drawdown in feet

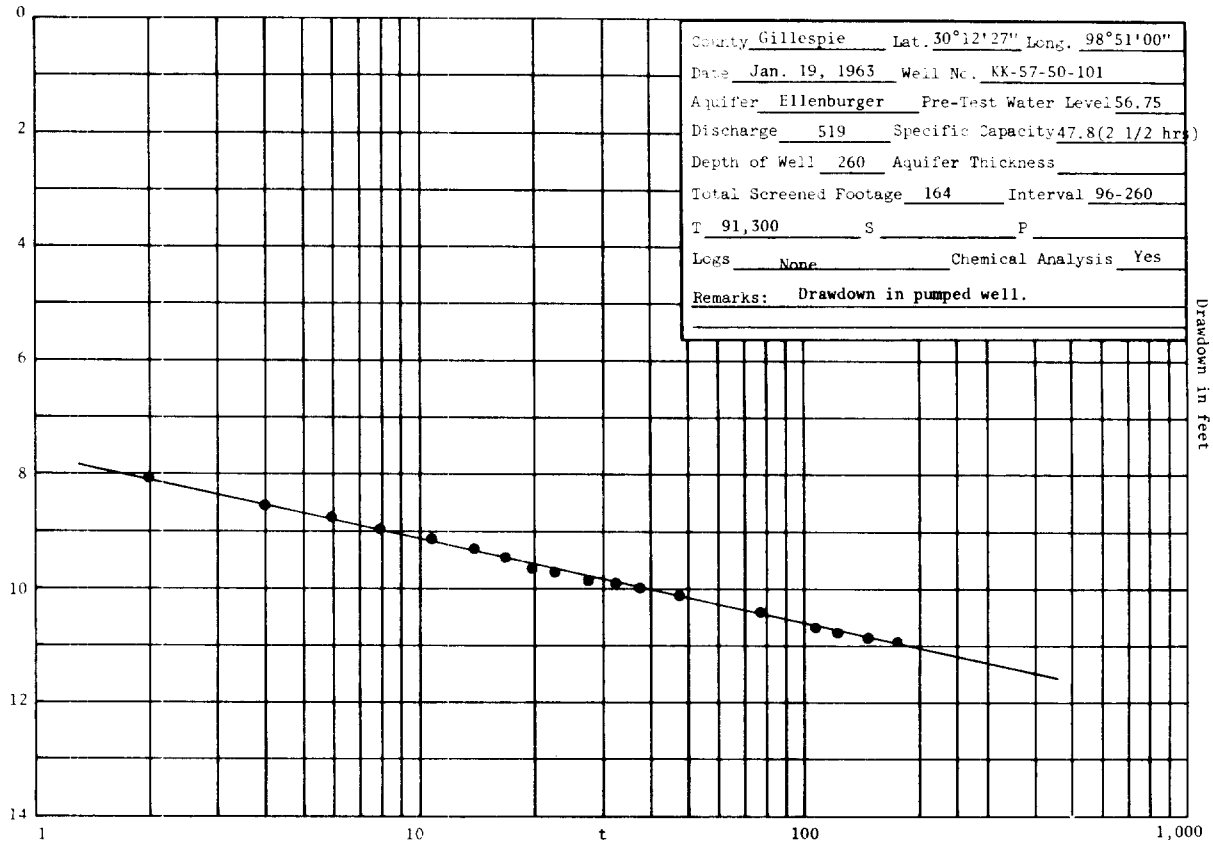

County Galveston Lat. 29°24'44" Long. 95°04'52"
Date May 18, 1943 Well No. KH-65-40-802
Aquifer Gulf Coast Sands Pre-Test Water Level 79.80
Discharge 1,448 Specific Capacity 28.7
Depth of Well 781 Aquifer Thickness
Total Screened Footage 140 Interval 636-776
T 86,000 S P 614
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
42
44
46
48
50
52
54
56
10
100
t
1,000
10,000
Drawdown in feet

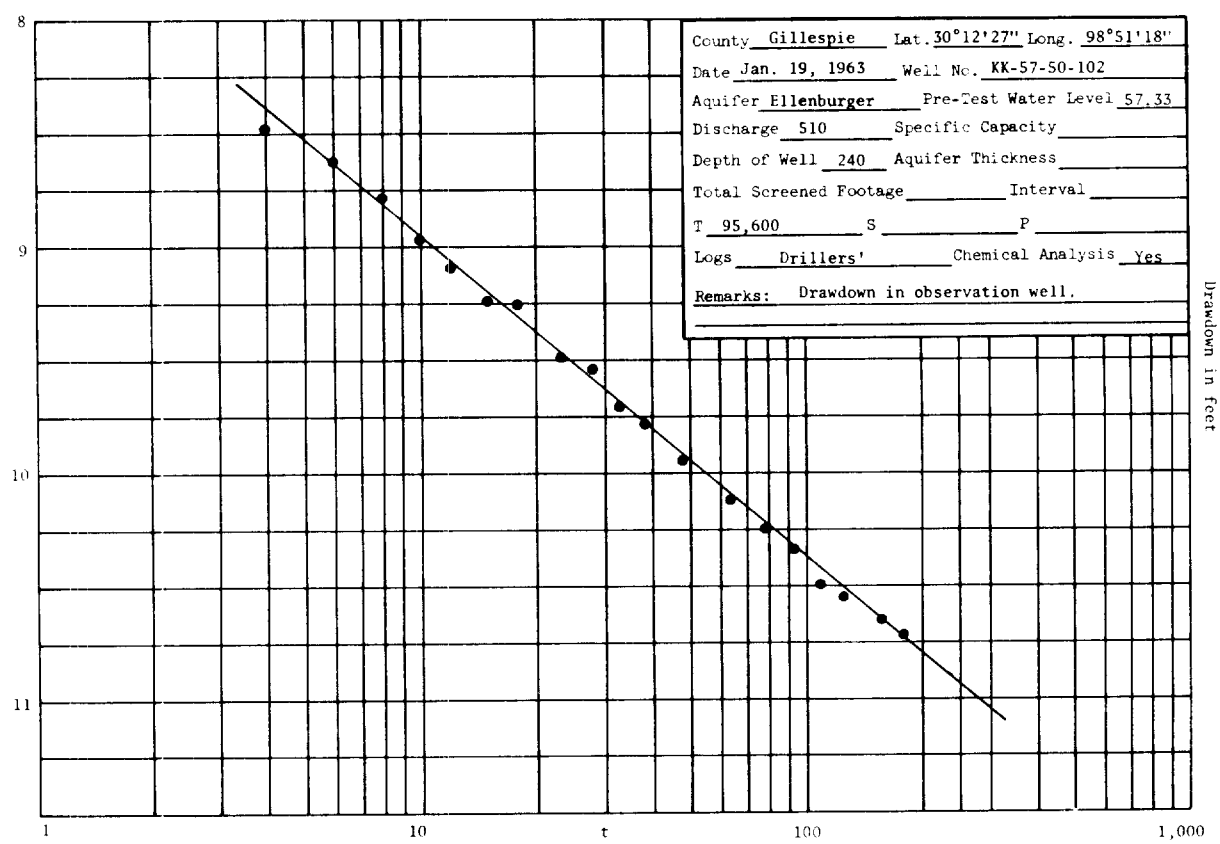

20
25
30
35
40
45
50
55
10
100
t
1,000
10,000
Drawdown in feet
County Gillespie Lat. 30°21'45" Long. 98°54'14"
Date Jan. 26, 1963 Well No. KK-57-41-301
Aquifer Hickory sand Pre-Test Water Level 196.93
Discharge 192 Specific Capacity 4.0 (3 days)
Depth of Well 500 Aquifer Thickness
Total Screened Footage 114 Interval 218-332
T 5,830 S P 51
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in pumped well.

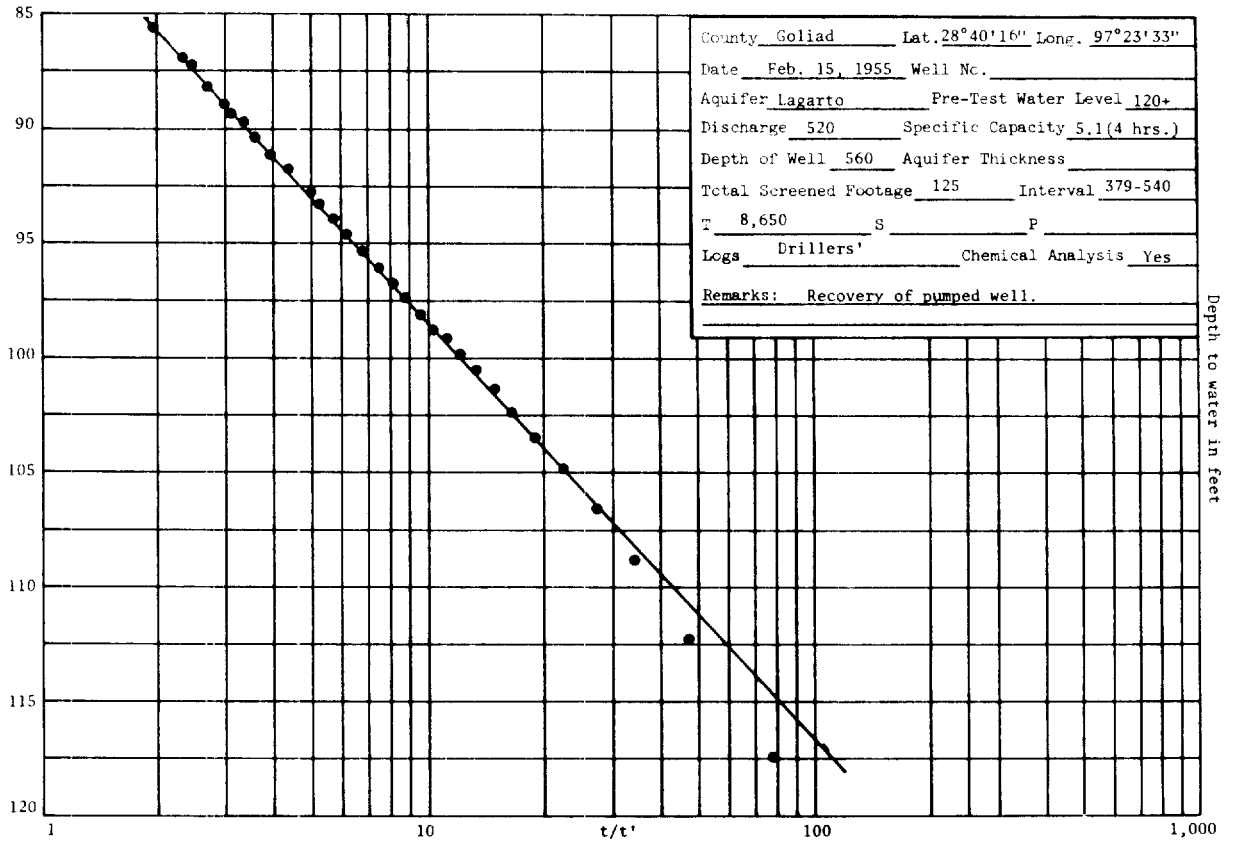

10^5
10^6
r^2/t
10^7
10^8
100
10
1
Recovery in feet
County Gillespie Lat. 30°20'47" Long. 98°54'18"
Date Jan. 26, 1963 Well No. KK-57-41-604
Aquifer Hickory sand Pre-Test Water Level 153.59
Discharge 192 Specific Capacity
Depth of Well 257 Aquifer Thickness
Total Screened Footage 49 Interval 208-257
T 5,000 S .000037 P 102
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

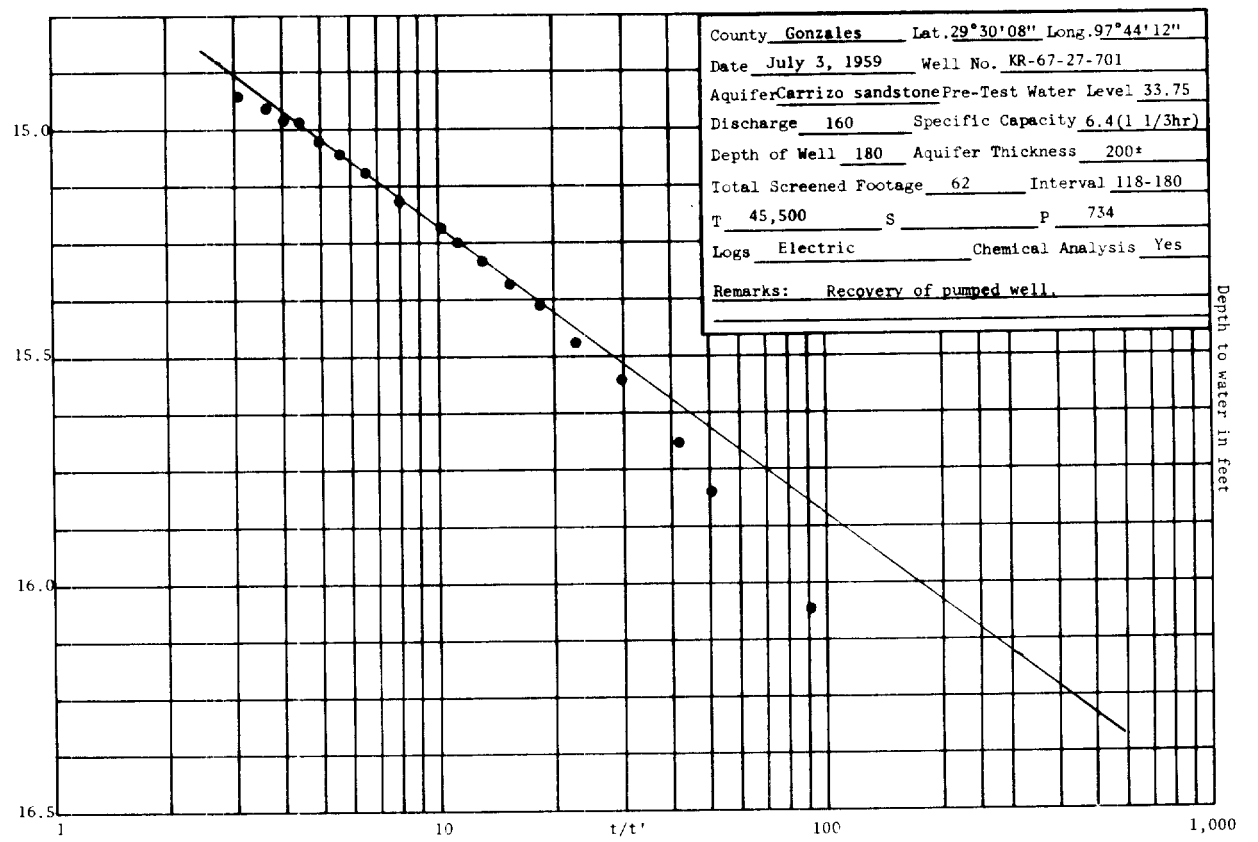

County Gillespie Lat. 30°17'21" Long. 98°54'51"
Date Jan. 8, 1963 Well No. KK-57-41-902
Aquifer Hensell sand Pre-Test Water Level 92.61
Discharge 61 Specific Capacity .6
Depth of Well 279 Aquifer Thickness
Total Screened Footage 170 Interval 105-275
T 950 S P 5.6
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
0
20
40
60
80
100
120
140
10
100
t
1,000
10,000
Drawdown in feet

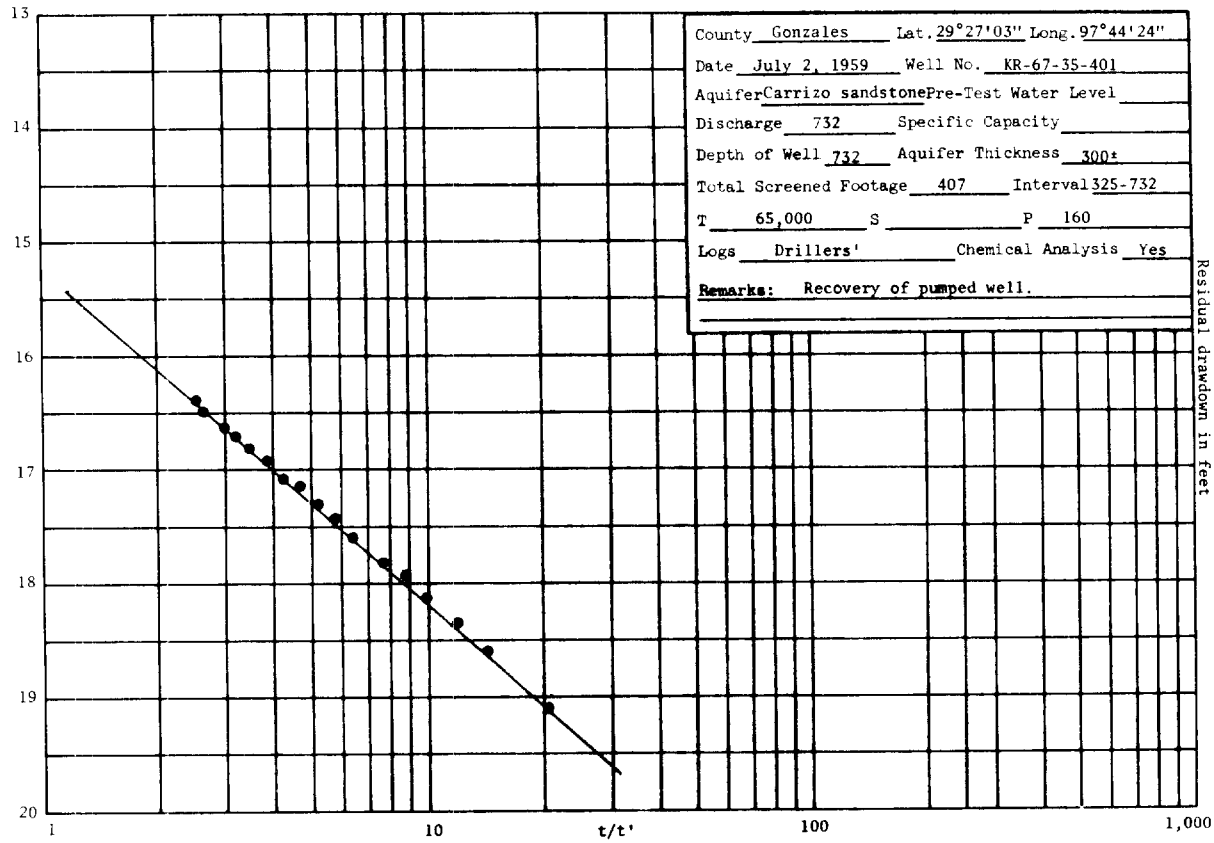

10^6
10^7
r^2/t
10^8
10^9
100
10
1
Recovery in feet
County Gillespie Lat. 30°17'19" Long. 98°54'51"
Date Jan. 3, 1963 Well No. KK-57-41-903
Aquifer Hensell Sand Pre-Test Water Level 139.03
Discharge 61 Specific Capacity
Depth of Well 352 Aquifer Thickness
Total Screened Footage Interval
T 700 S .0000008 P
Logs Electric Chemical Analysis Yes
Remarks: Recovery in observation well.

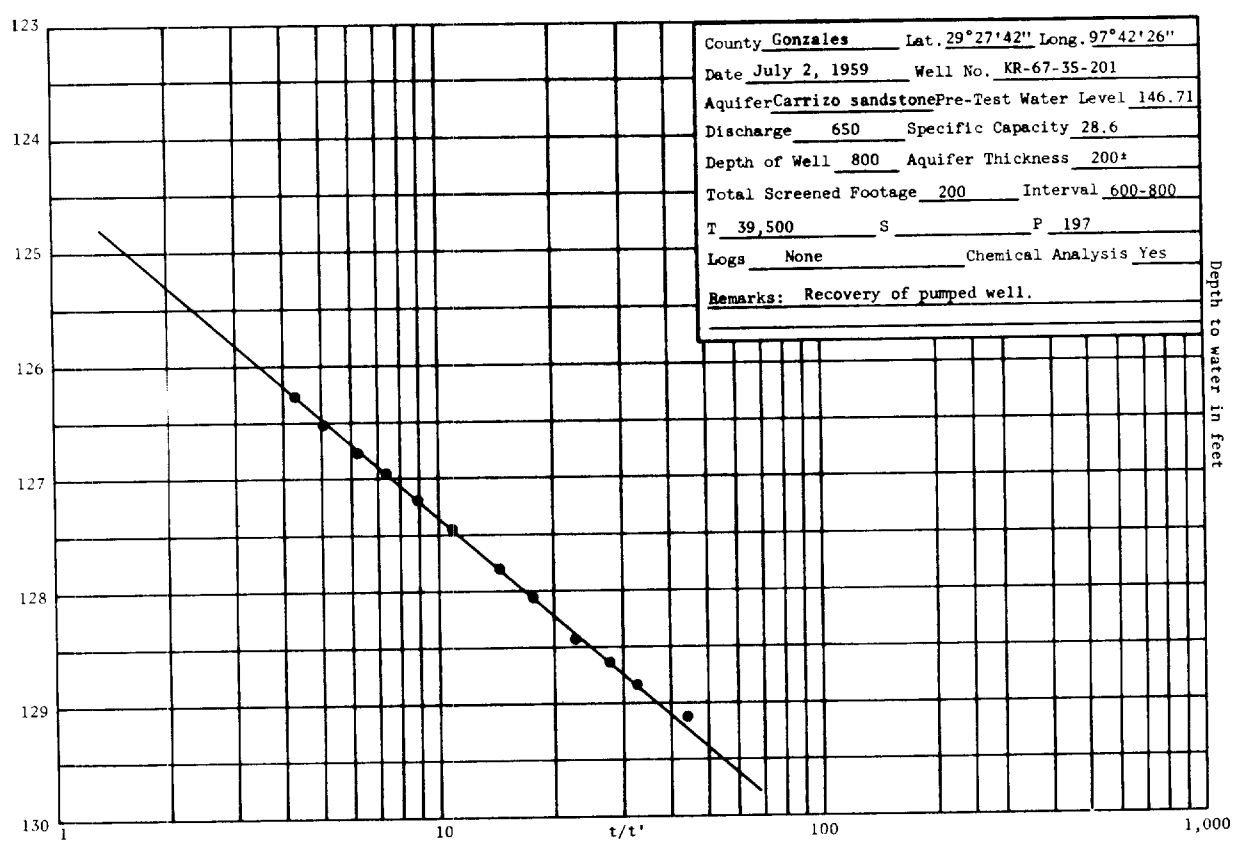

County Gillespie Lat. 30°12'27" Long. 98°51'00"
Date Jan. 19, 1963 Well No. KK-57-50-101
Aquifer Ellenburger Pre-Test Water Level 56.75
Discharge 519 Specific Capacity 47.8(2 1/2 hrs)
Depth of Well 260 Aquifer Thickness
Total Screened Footage 164 Interval 96-260
T 91,300 S P
Logs None Chemical Analysis Yes
Remarks: Drawdown in pumped well.
0
2
4
6
8
10
12
14
1
10
t
100
1,000
Drawdown in feet

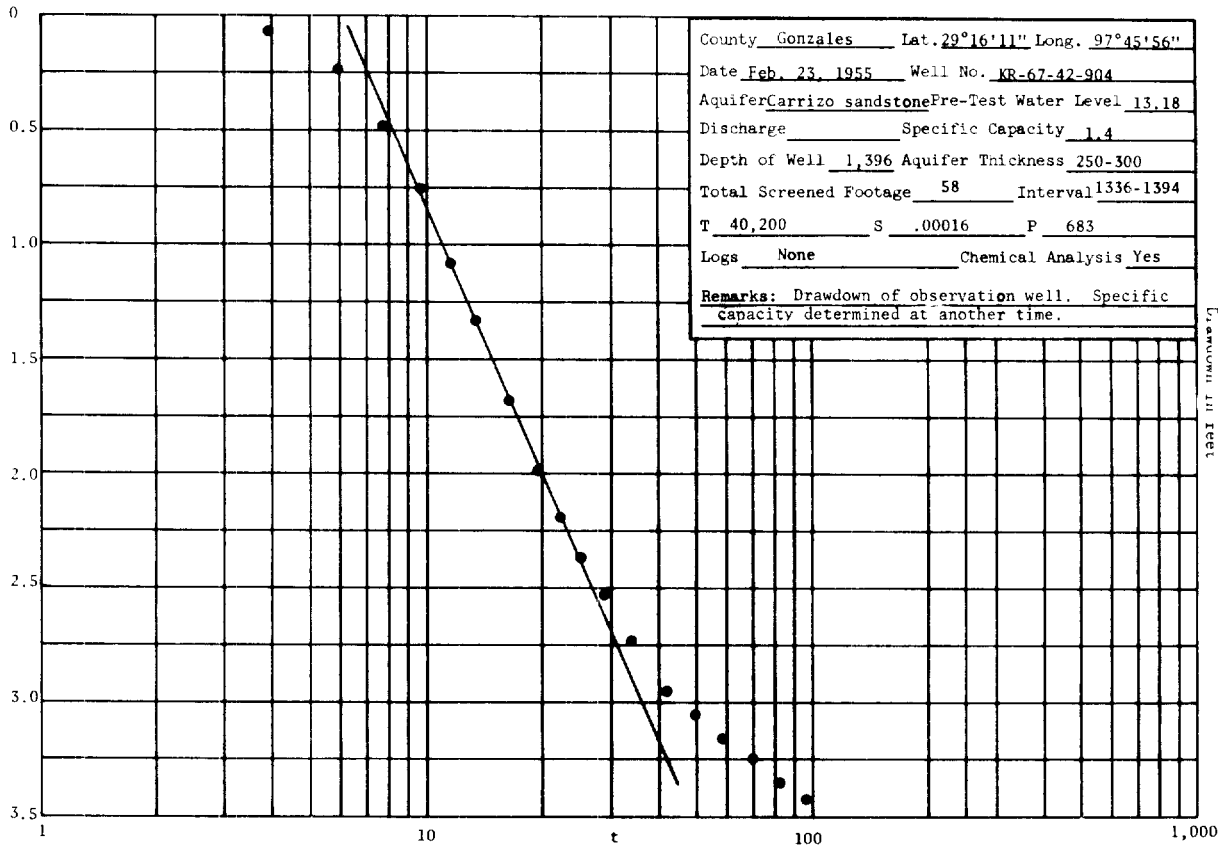

County Gillespie Lat. 30°12'27" Long. 98°51'18"
Date Jan. 19, 1963 Well No. KK-57-50-102
Aquifer Ellenburger Pre-Test Water Level 57.33
Discharge 510 Specific Capacity
Depth of Well 240 Aquifer Thickness
Total Screened Footage Interval
T 95,600 S P
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well.
8
9
10
11
1
10
t
100
1,000
Drawdown in feet

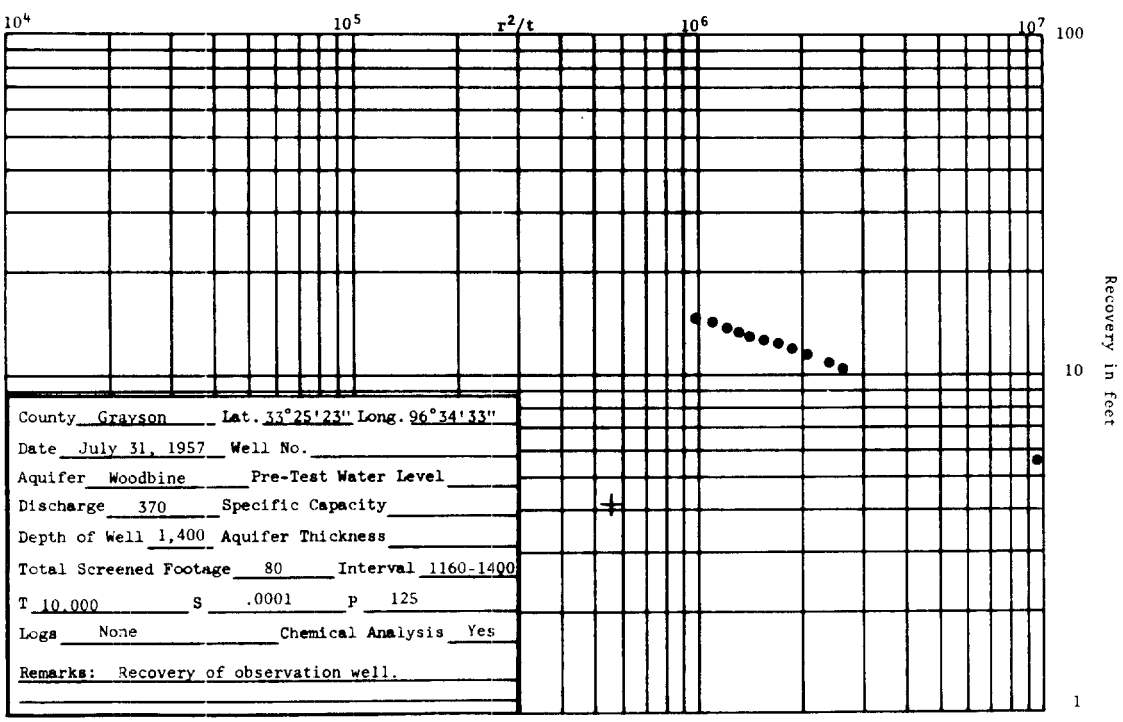

85
90
95
100
105
110
115
120
1
10
t/t'
100
1,000
Depth to water in feet
County Goliad Lat. 28°40'16" Long. 97°23'33"
Date Feb. 15, 1955 Well No.
Aquifer Lagarto Pre-Test Water Level 120+
Discharge 520 Specific Capacity 5.1(4 hrs.)
Depth of Well 560 Aquifer Thickness
Total Screened Footage 125 Interval 379-540
T 8,650 S P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.

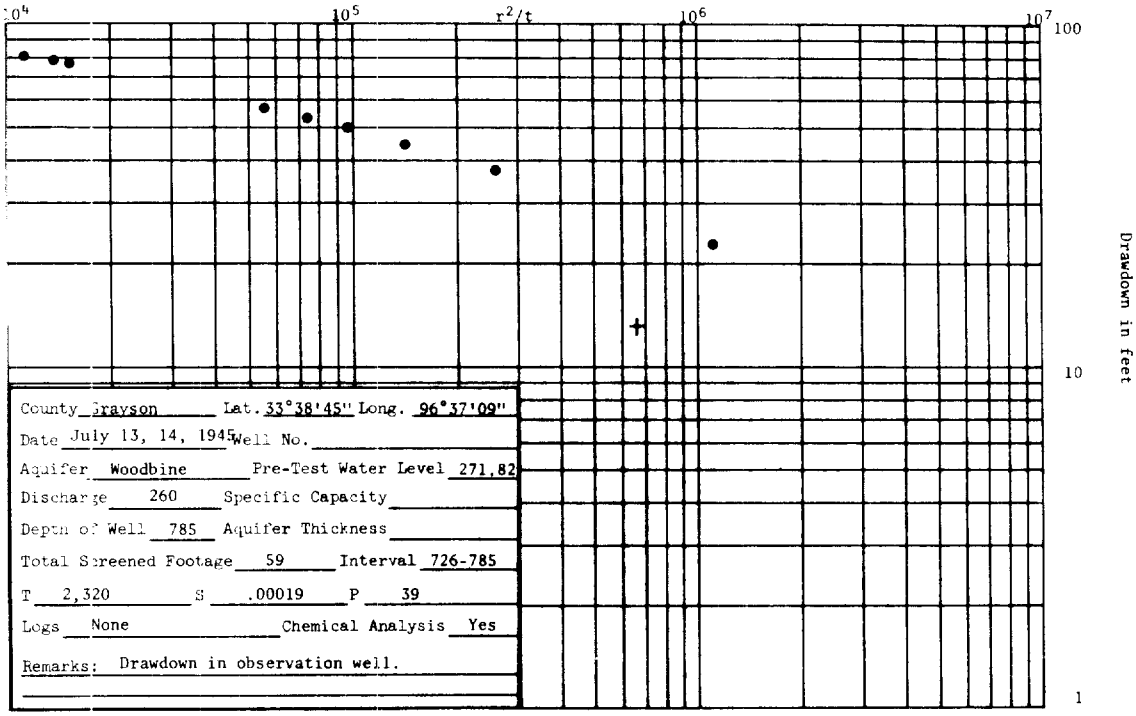

15.0
15.5
16.0
16.5
1
10
t/t'
100
1,000
Depth to water in feet
County Gonzales Lat. 29°30'08" Long. 97°44'12"
Date July 3, 1959 Well No. KR-67-27-701
Aquifer Carrizo sandstone Pre-Test Water Level 33.75
Discharge 160 Specific Capacity 6.4(1 1/3hr)
Depth of Well 180 Aquifer Thickness 200+
Total Screened Footage 62 Interval 118-180
T 45,500 S P 734
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

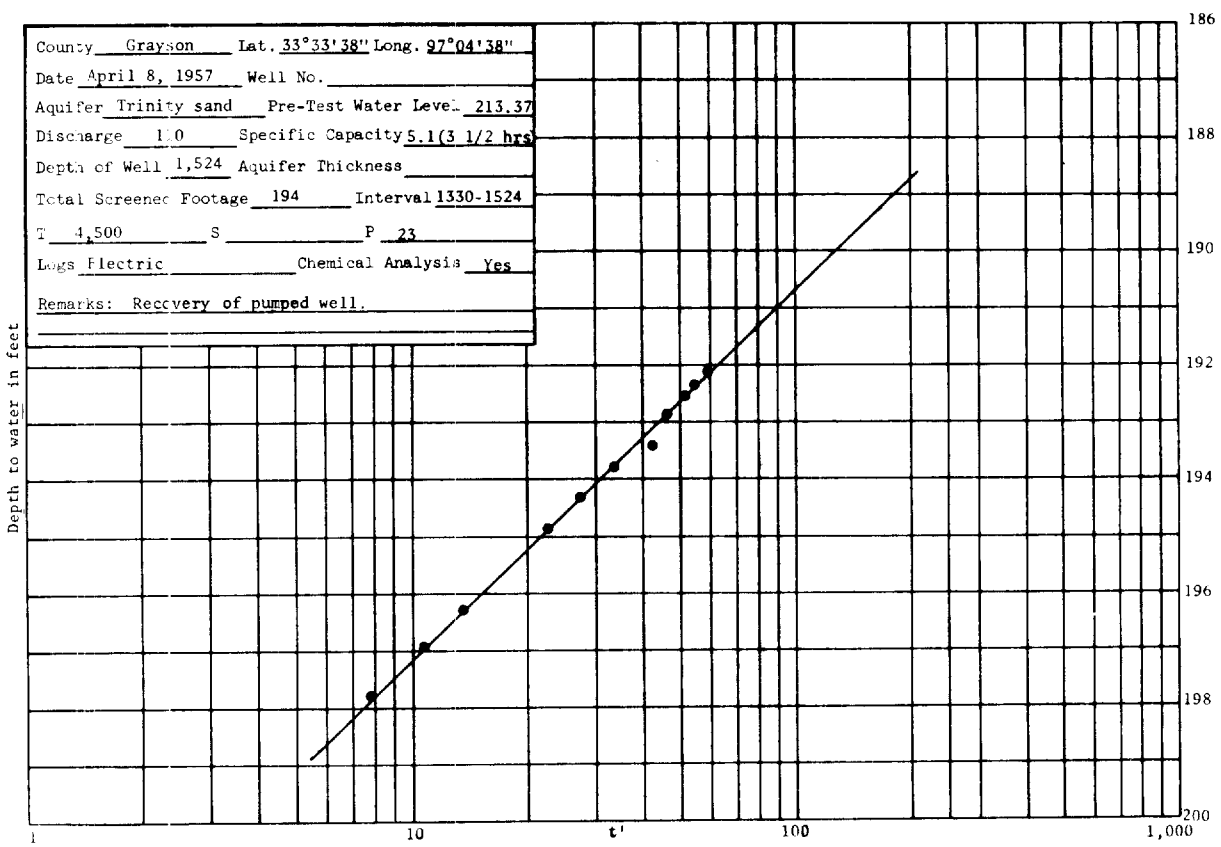

13
14
15
16
17
18
19
20
1
10
t/t'
100
1,000
Residual drawdown in feet
County Gonzales Lat. 29°27'03" Long. 97°44'24"
Date July 2, 1959 Well No. KR-67-35-401
Aquifer Carrizo sandstone Pre-Test Water Level
Discharge 732 Specific Capacity
Depth of Well 732 Aquifer Thickness 300±
Total Screened Footage 407 Interval 325-732
T 65,000 S P 160
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.

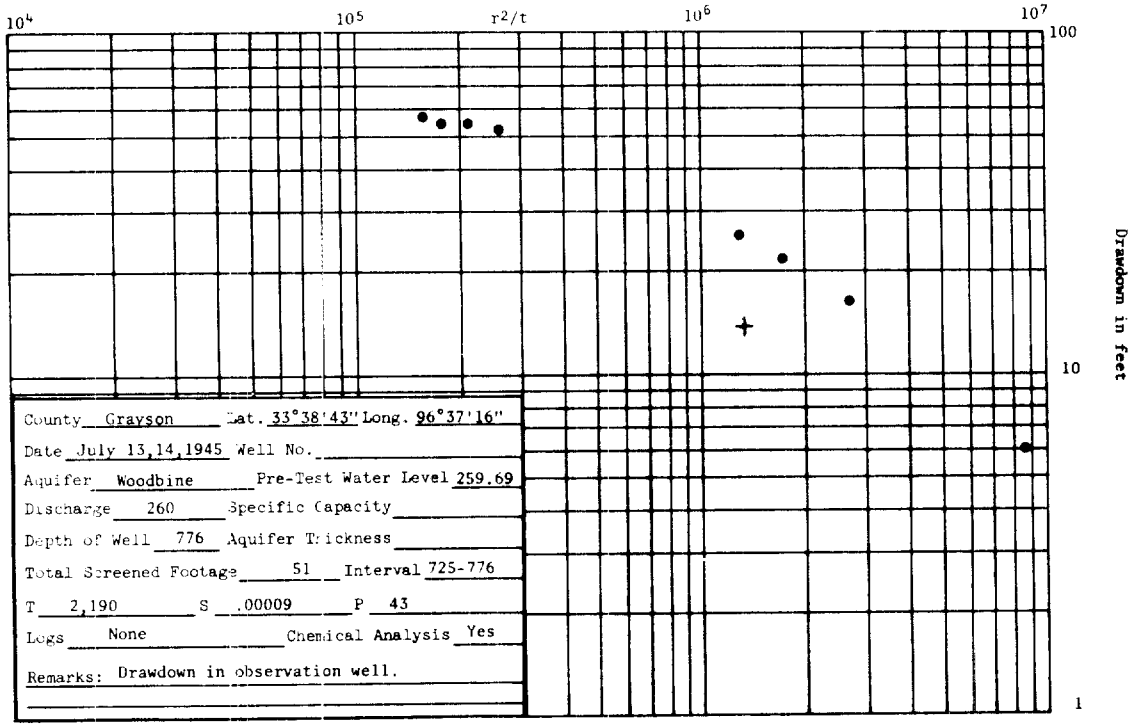

123
124
125
126
127
128
129
130
1
10
t/t'
100
1,000
Depth to water in feet
County Gonzales Lat. 29°27'42" Long. 97°42'26"
Date July 2, 1959 Well No. KR-67-35-201
Aquifer Carrizo sandstone Pre-Test Water Level 146.71
Discharge 650 Specific Capacity 28.6
Depth of Well 800 Aquifer Thickness 200±
Total Screened Footage 200 Interval 600-800
T 39,500 S P 197
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.


County Gonzales Lat. 29°16'11" Long. 97°45'56"
Date Feb. 23, 1955 Well No. KR-67-42-904
Aquifer Carrizo sandstone Pre-Test Water Level 13.18
Discharge Specific Capacity 1.4
Depth of Well 1,396 Aquifer Thickness 250-300
Total Screened Footage 58 Interval 1336-1394
T 40,200 S .00016 P 683
Logs None Chemical Analysis Yes
Remarks: Drawdown of observation well. Specific capacity determined at another time.
0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
1
10
t
100
1,000
Drawdown in feet

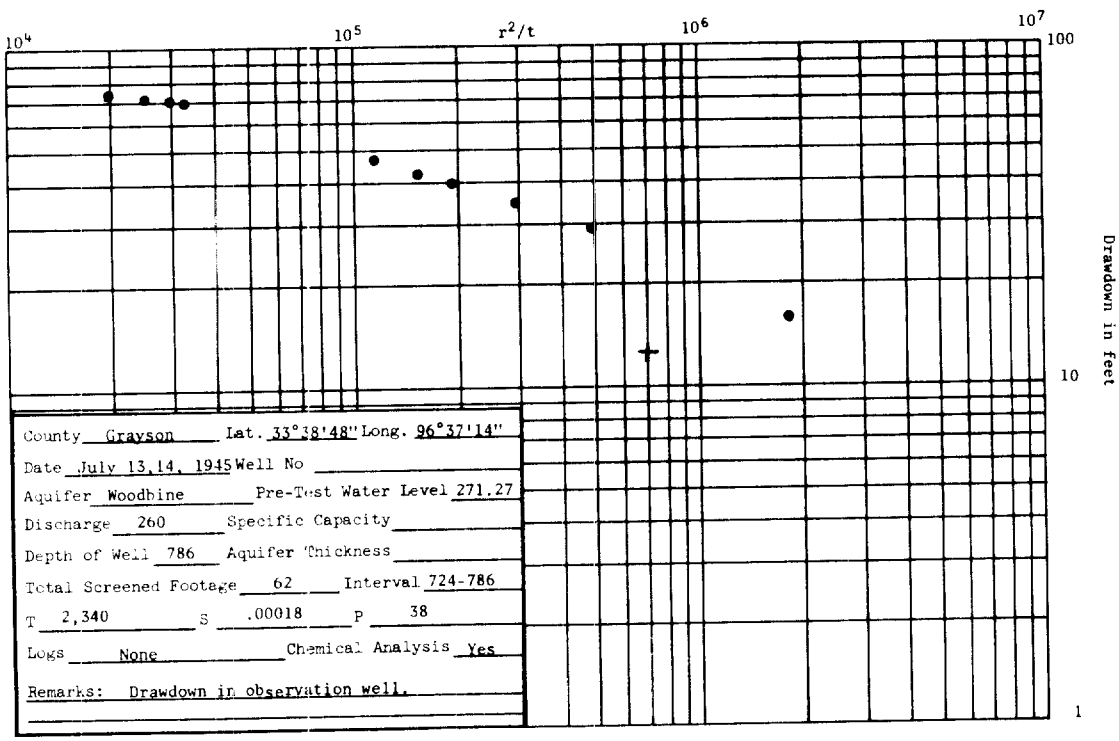

10^4
10^5
r^2/t
10^6
10^7
100
10
1
Recovery in feet
County Grayson Lat. 33°25'23" Long. 96°34'33"
Date July 31, 1957 Well No.
Aquifer Woodbine Pre-Test Water Level
Discharge 370 Specific Capacity
Depth of Well 1,400 Aquifer Thickness
Total Screened Footage 80 Interval 1160-1400
T 10,000 S .0001 P 125
Logs None Chemical Analysis Yes
Remarks: Recovery of observation well.


10^4
10^5
r^2/t
10^6
10^7
100
10
1
Drawdown in feet
County Grayson Lat. 33°38'45" Long. 96°37'09"
Date July 13, 14, 1945 Well No.
Aquifer Woodbine Pre-Test Water Level 271.82
Discharge 260 Specific Capacity
Depth of Well 785 Aquifer Thickness
Total Screened Footage 59 Interval 726-785
T 2,320 S .00019 P 39
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.

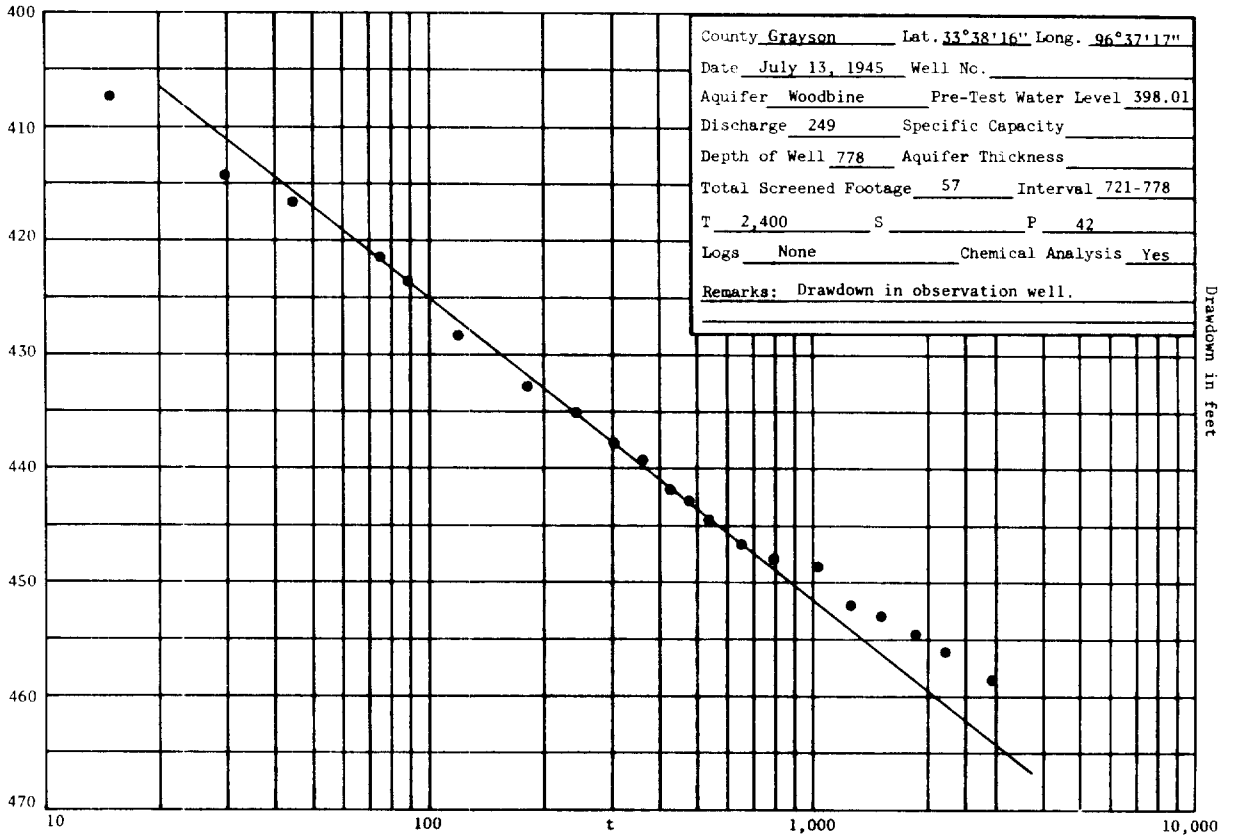

County Grayson Lat. 33°33'38" Long. 97°04'38"
Date April 8, 1957 Well No.
Aquifer Trinity sand Pre-Test Water Level 213.37
Discharge 1.0 Specific Capacity 5.1(3 1/2 hrs)
Depth of Well 1,524 Aquifer Thickness
Total Screened Footage 194 Interval 1330-1524
T 4,500 S P 23
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
186
188
190
192
194
196
198
200
1
10
t'
100
1,000

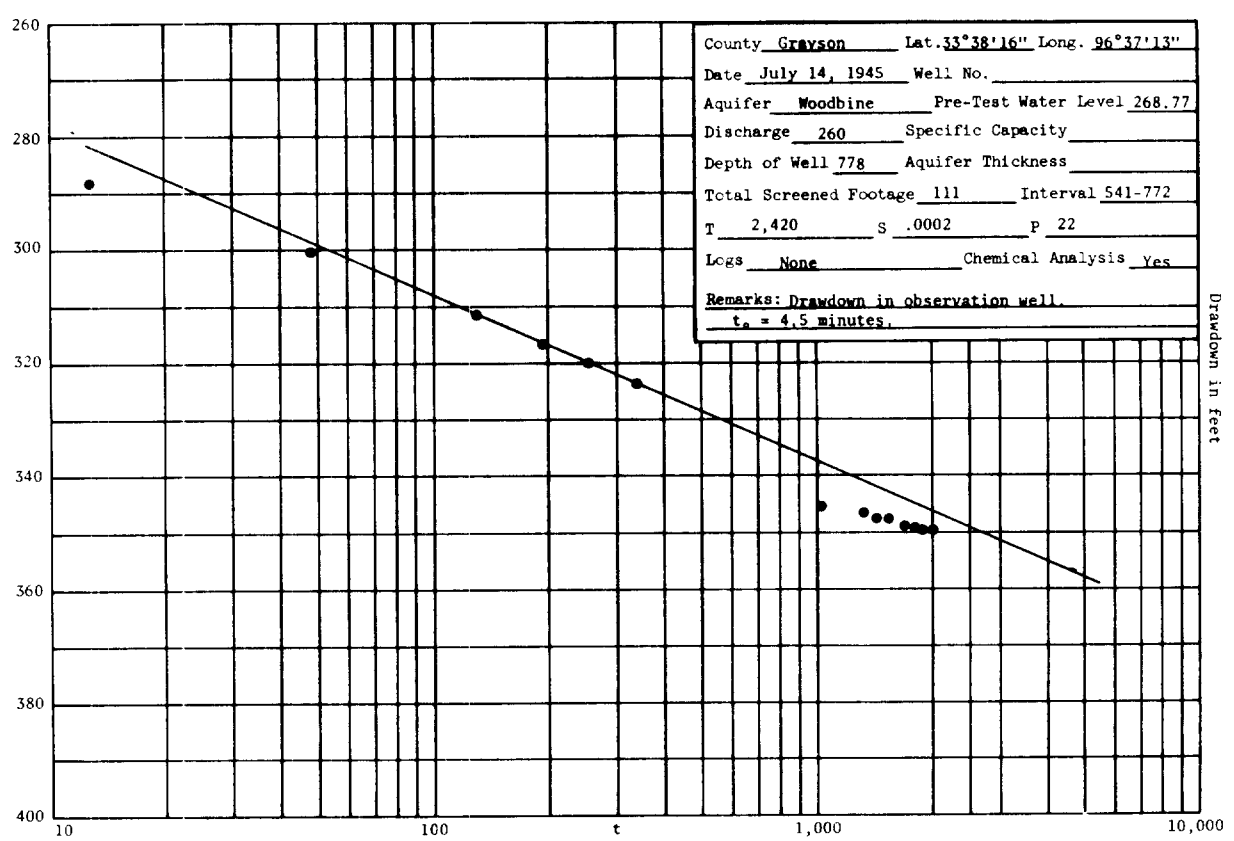


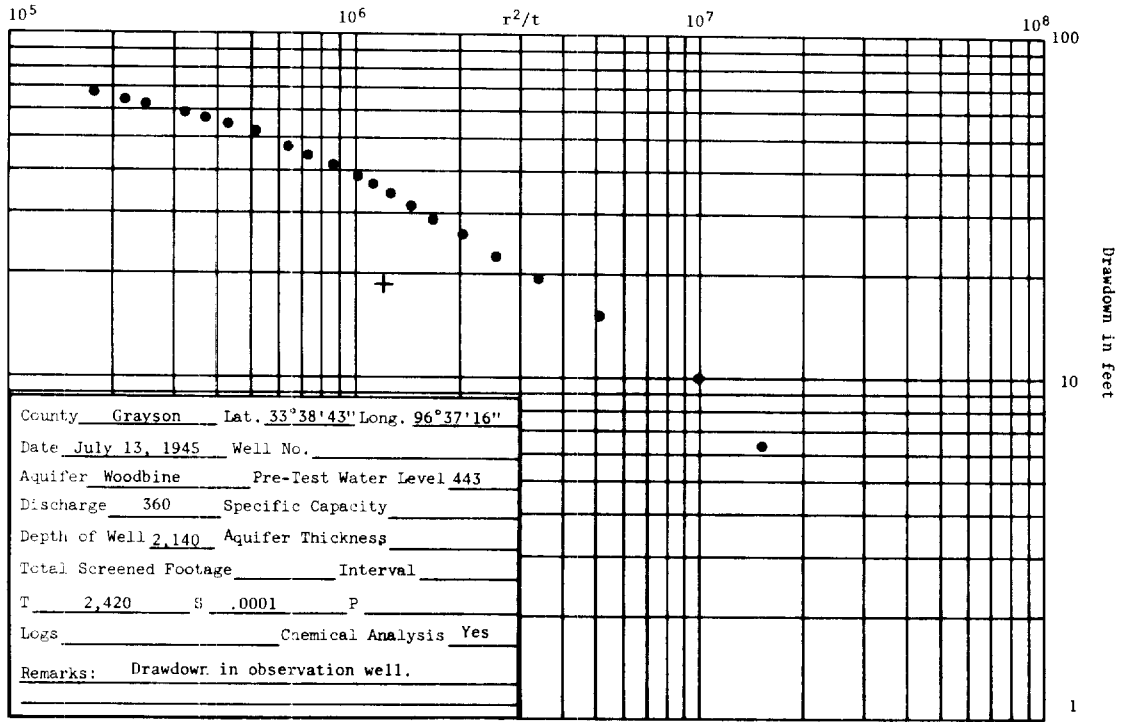
County Grayson Lat. 33°38'43" Long. 96°37'16"
Date July 13,14,1945 Well No.
Aquifer Woodbine Pre-Test Water Level 259.69
Discharge 260 Specific Capacity
Depth of Well 776 Aquifer Thickness
Total Screened Footage 51 Interval 725-776
T 2,190 S .00009 P 43
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.



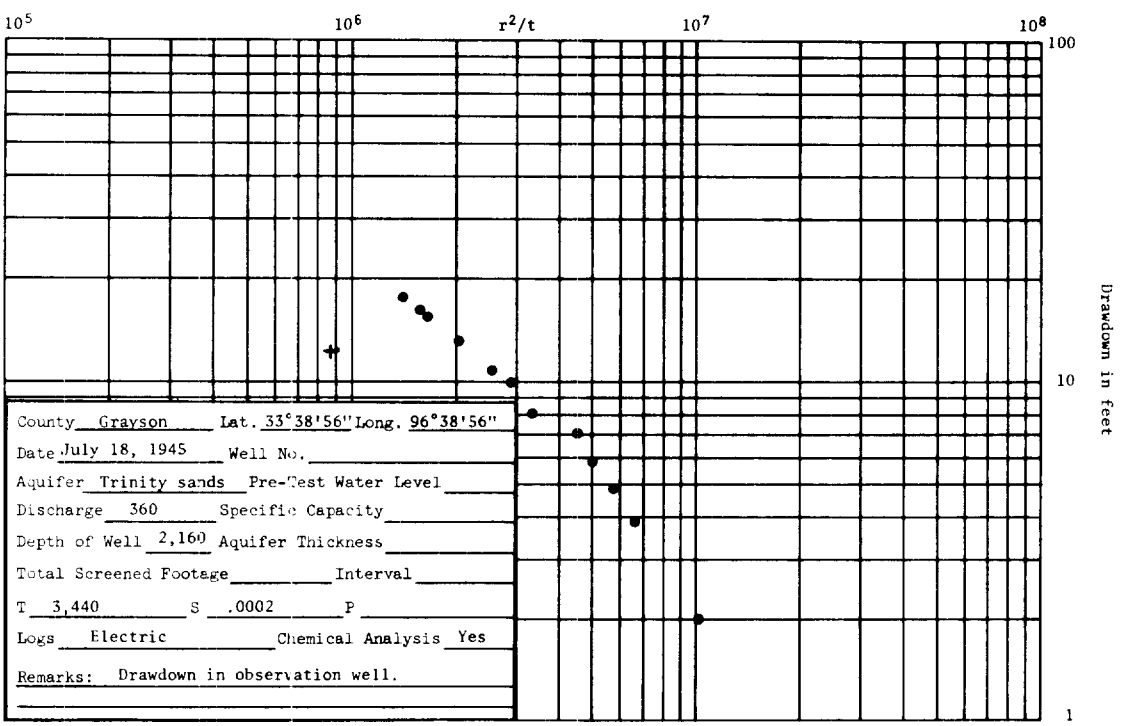
County Grayson Lat. 33°38'48" Long. 96°37'14"
Date July 13,14, 1945 Well No
Aquifer Woodbine Pre-Test Water Level 271.27
Discharge 260 Specific Capacity
Depth of Well 786 Aquifer Thickness
Total Screened Footage 62 Interval 724-786
T 2,340 S .00018 P 38
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.


400
410
420
430
440
450
460
470
10
100
t
1,000
10,000
Drawdown in feet
County Grayson Lat. 33°38'16" Long. 96°37'17"
Date July 13, 1945 Well No.
Aquifer Woodbine Pre-Test Water Level 398.01
Discharge 249 Specific Capacity
Depth of Well 778 Aquifer Thickness
Total Screened Footage 57 Interval 721-778
T 2,400 S P 42
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.

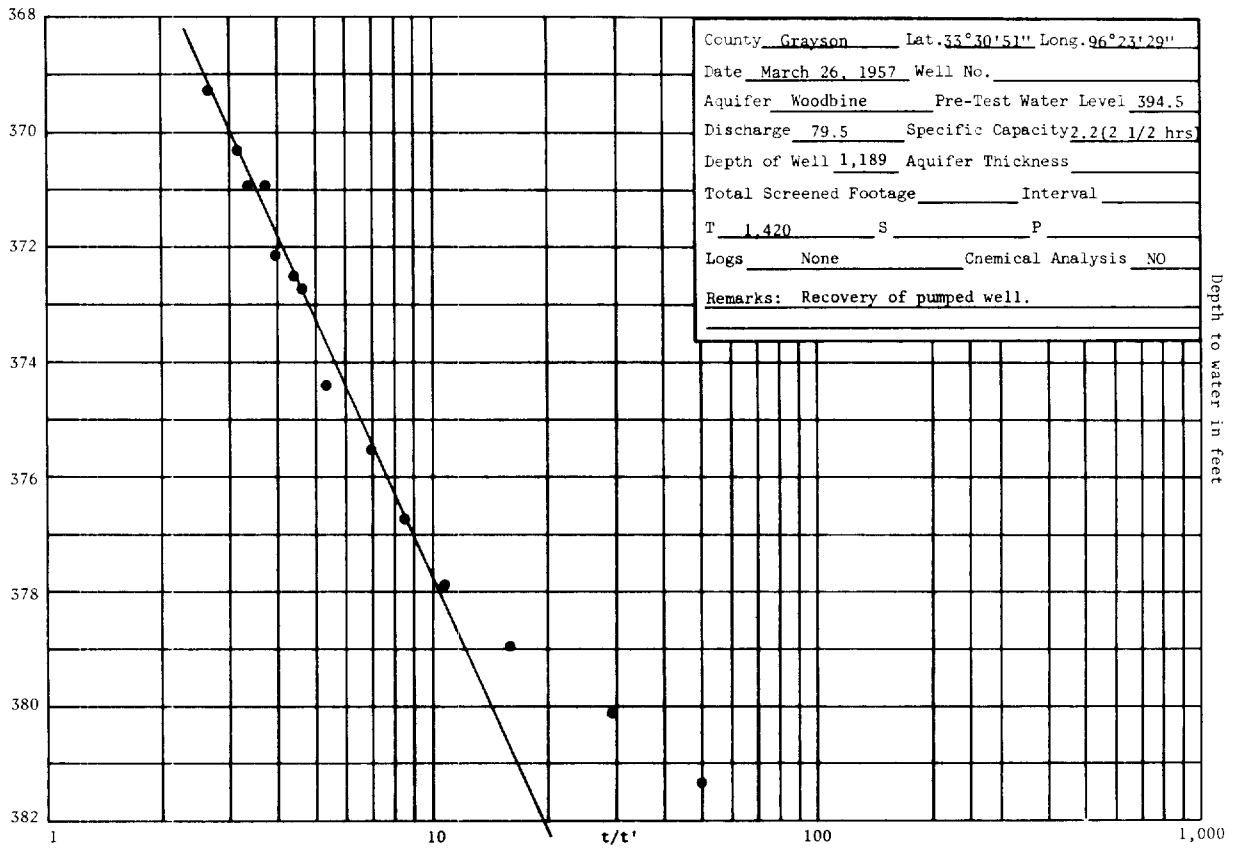

260
280
300
320
340
360
380
400
10
100
t
1,000
10,000
Drawdown in feet
County Grayson Lat. 33°38'16" Long. 96°37'13"
Date July 14, 1945 Well No.
Aquifer Woodbine Pre-Test Water Level 268.77
Discharge 260 Specific Capacity
Depth of Well 778 Aquifer Thickness
Total Screened Footage 111 Interval 541-772
T 2,420 S .0002 P 22
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.
t_o = 4.5 minutes.

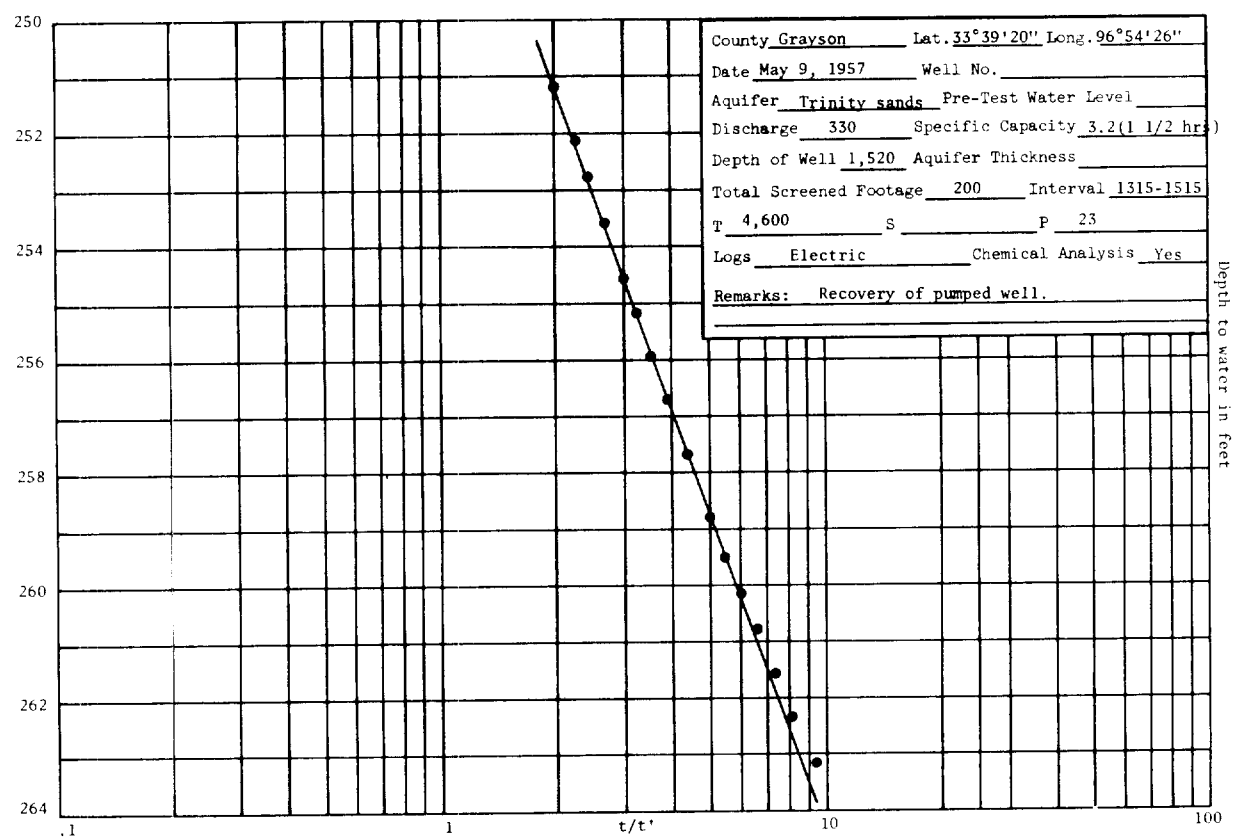


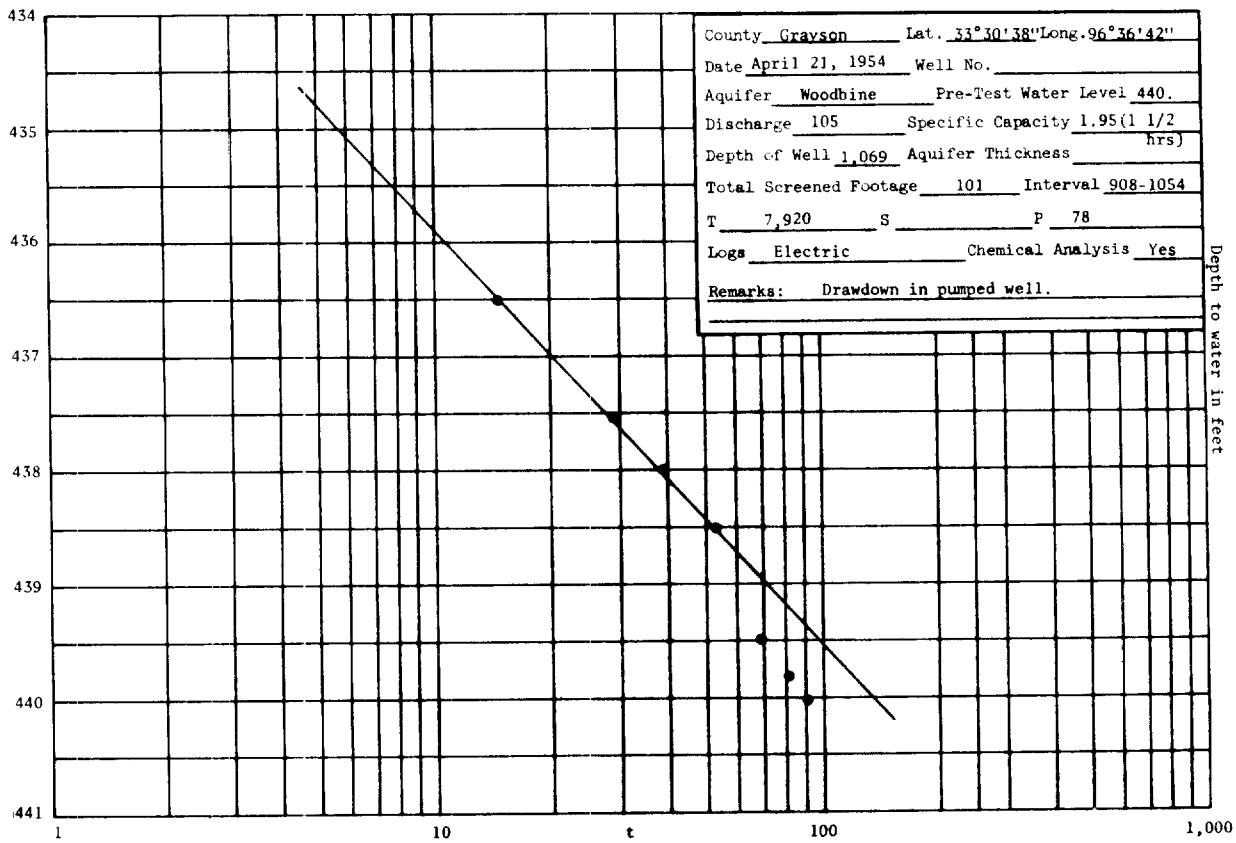
County Grayson Lat. 33°38'43" Long. 96°37'16"
Date July 13, 1945 Well No.
Aquifer Woodbine Pre-Test Water Level 443
Discharge 360 Specific Capacity
Depth of Well 2,140 Aquifer Thickness
Total Screened Footage Interval
T 2,420 S .0001 P
Logs Chemical Analysis Yes
Remarks: Drawdown in observation well.

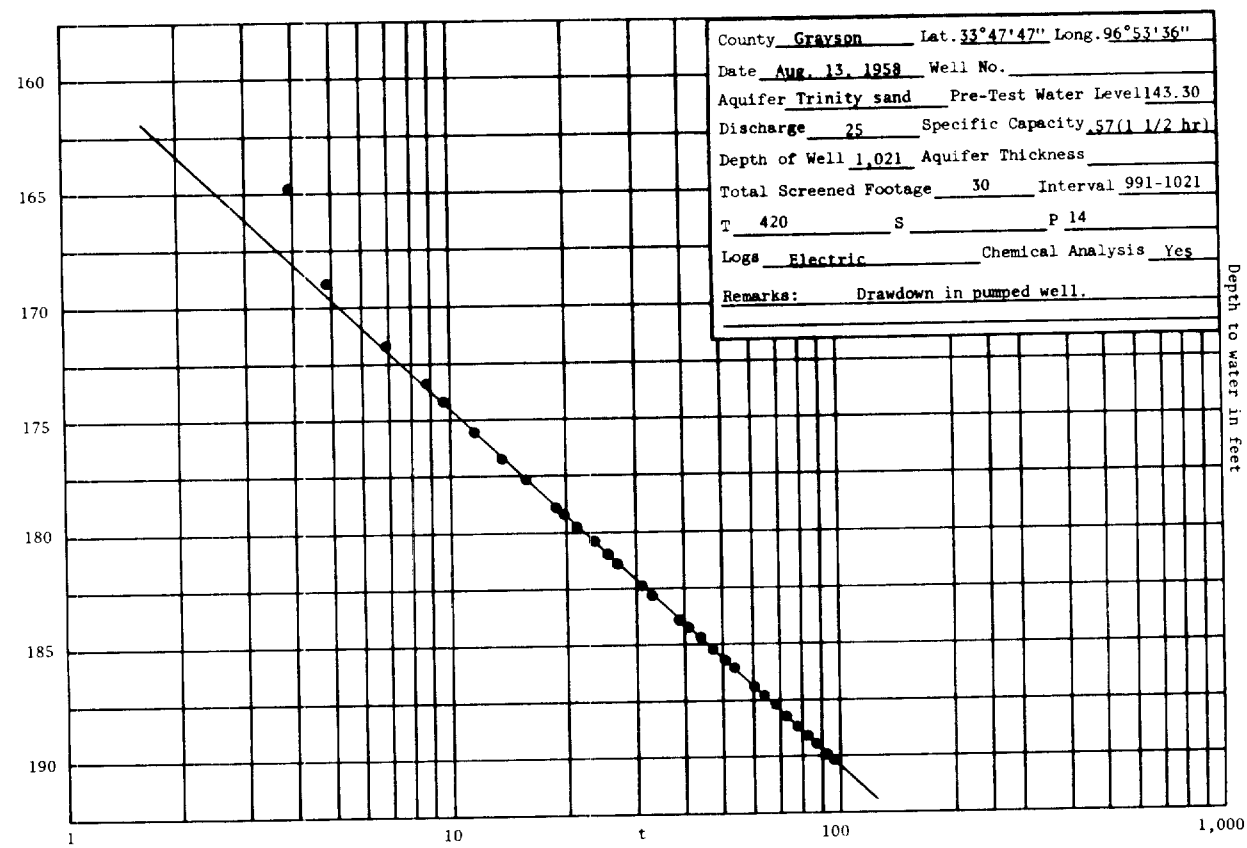


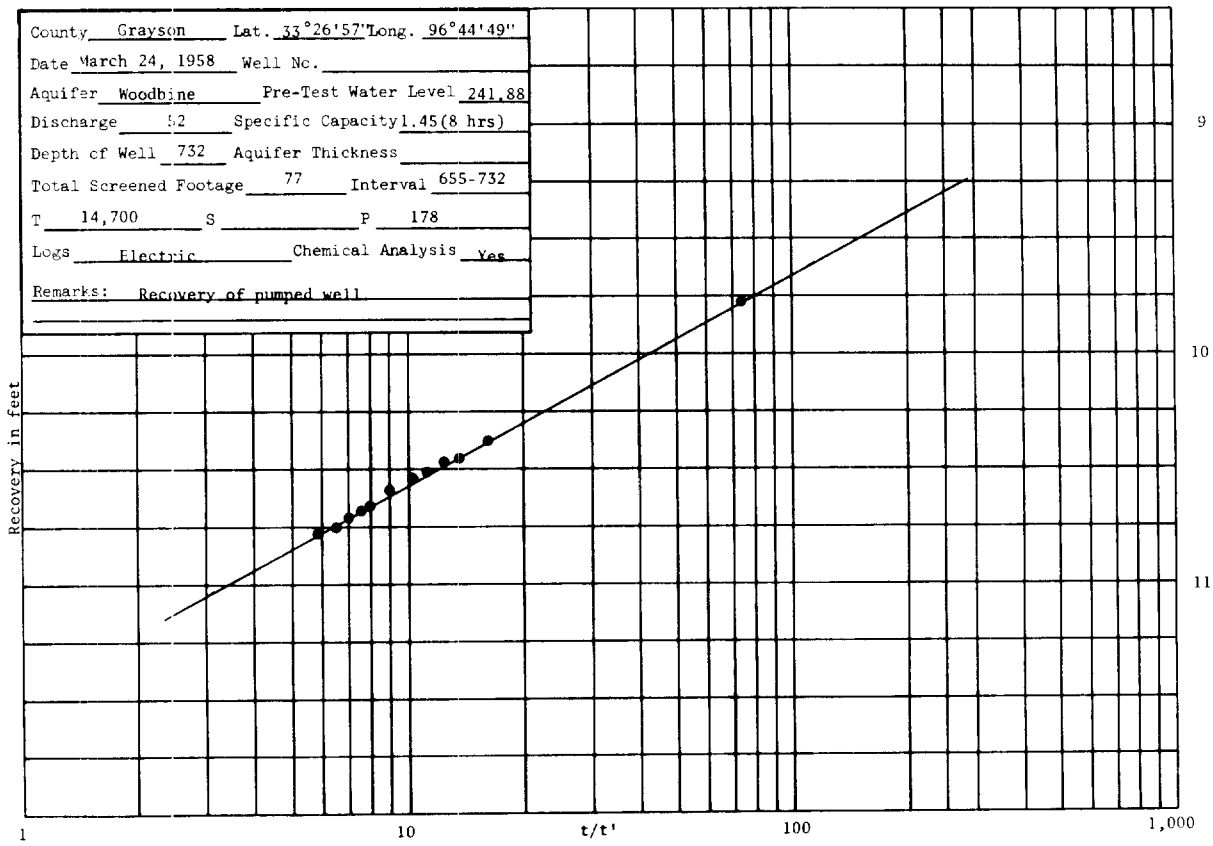
County Grayson Lat. 33°38'56" Long. 96°38'56"
Date July 18, 1945 Well No.
Aquifer Trinity sands Pre-Test Water Level
Discharge 360 Specific Capacity
Depth of Well 2,160 Aquifer Thickness
Total Screened Footage Interval
T 3,440 S .0002 P
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.

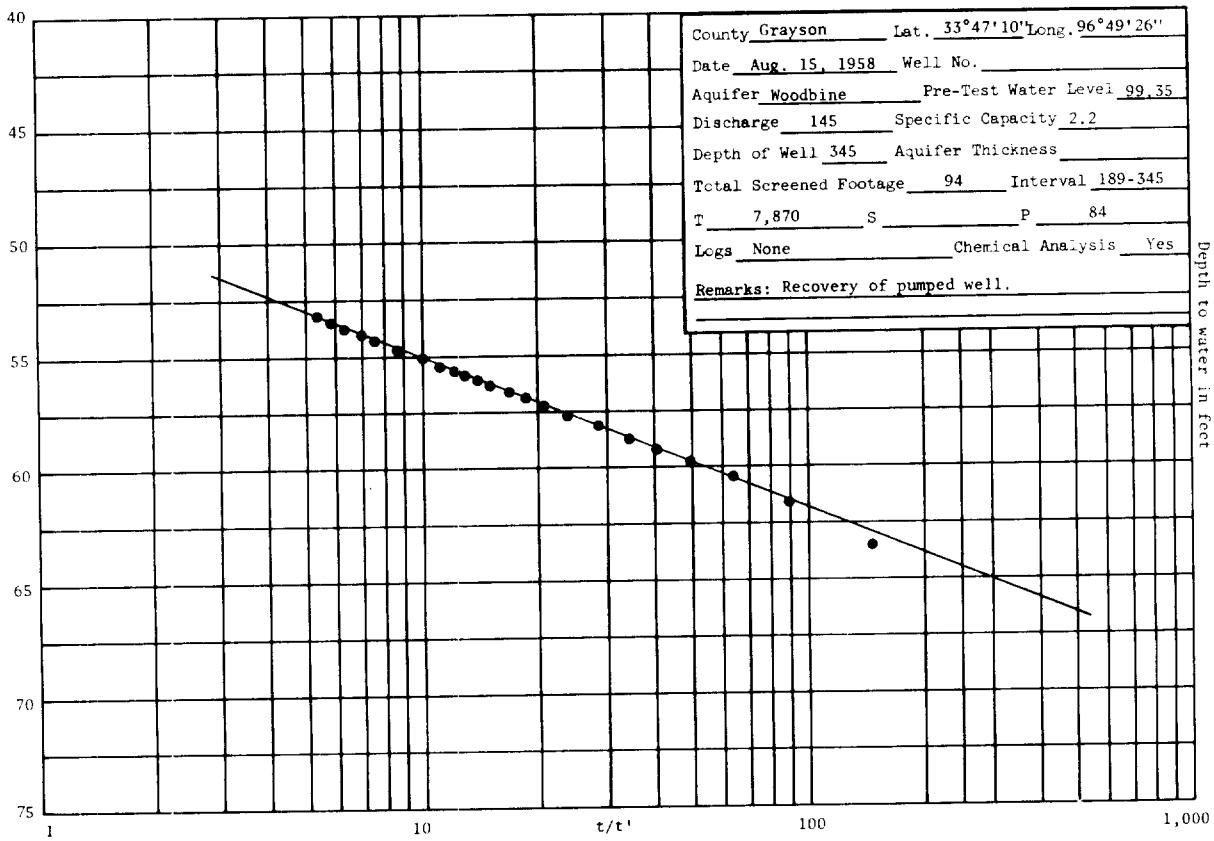

368
370
372
374
376
378
380
382
1
10
t/t'
100
1,000
Depth to water in feet
County Grayson Lat. 33°30'51" Long. 96°23'29"
Date March 26, 1957 Well No.
Aquifer Woodbine Pre-Test Water Level 394.5
Discharge 79.5 Specific Capacity 2.2(2 1/2 hrs)
Depth of Well 1,189 Aquifer Thickness
Total Screened Footage Interval
T 1,420 S P
Logs None Chemical Analysis NO
Remarks: Recovery of pumped well.

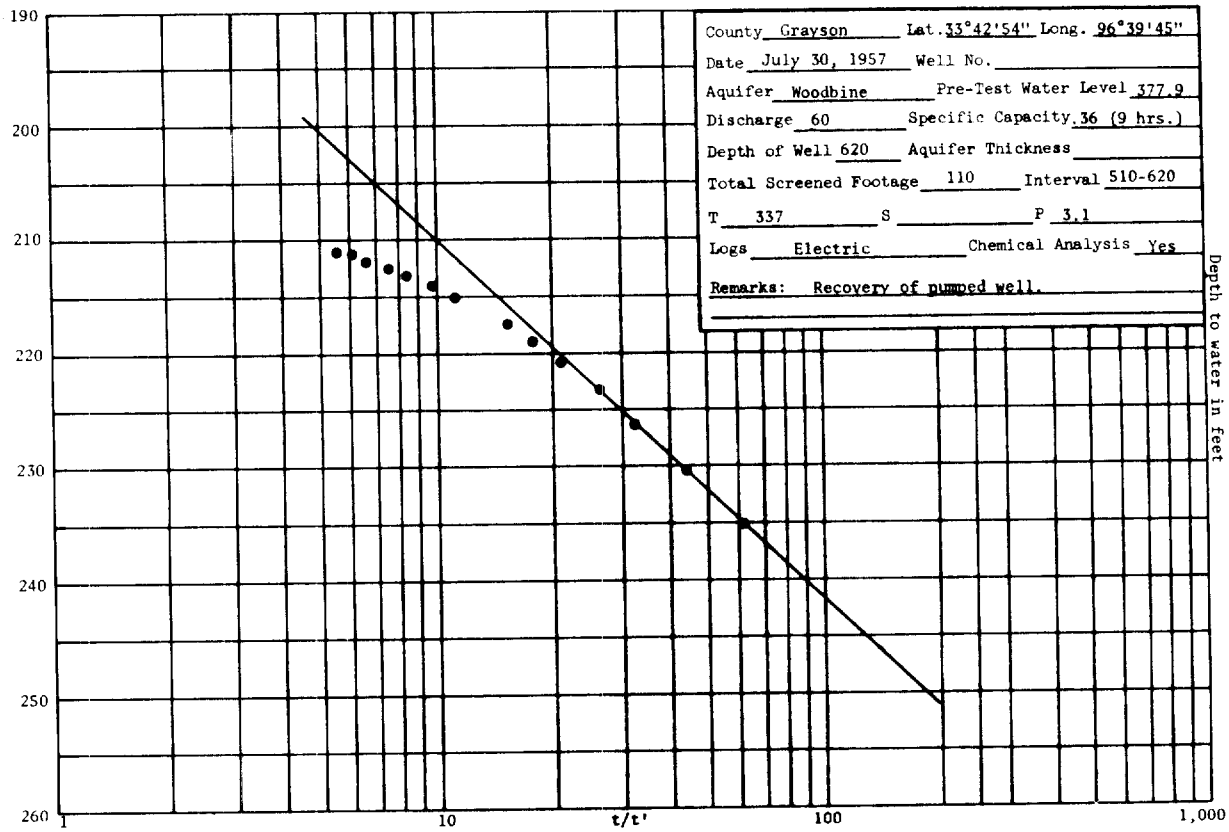

250
252
254
256
258
260
262
264
.1
1
t/t'
10
100
Depth to water in feet
County Grayson Lat. 33°39'20" Long. 96°54'26"
Date May 9, 1957 Well No.
Aquifer Trinity sands Pre-Test Water Level
Discharge 330 Specific Capacity 3.2(1 1/2 hrs)
Depth of Well 1,520 Aquifer Thickness
Total Screened Footage 200 Interval 1315-1515
T 4,600 S P 23
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

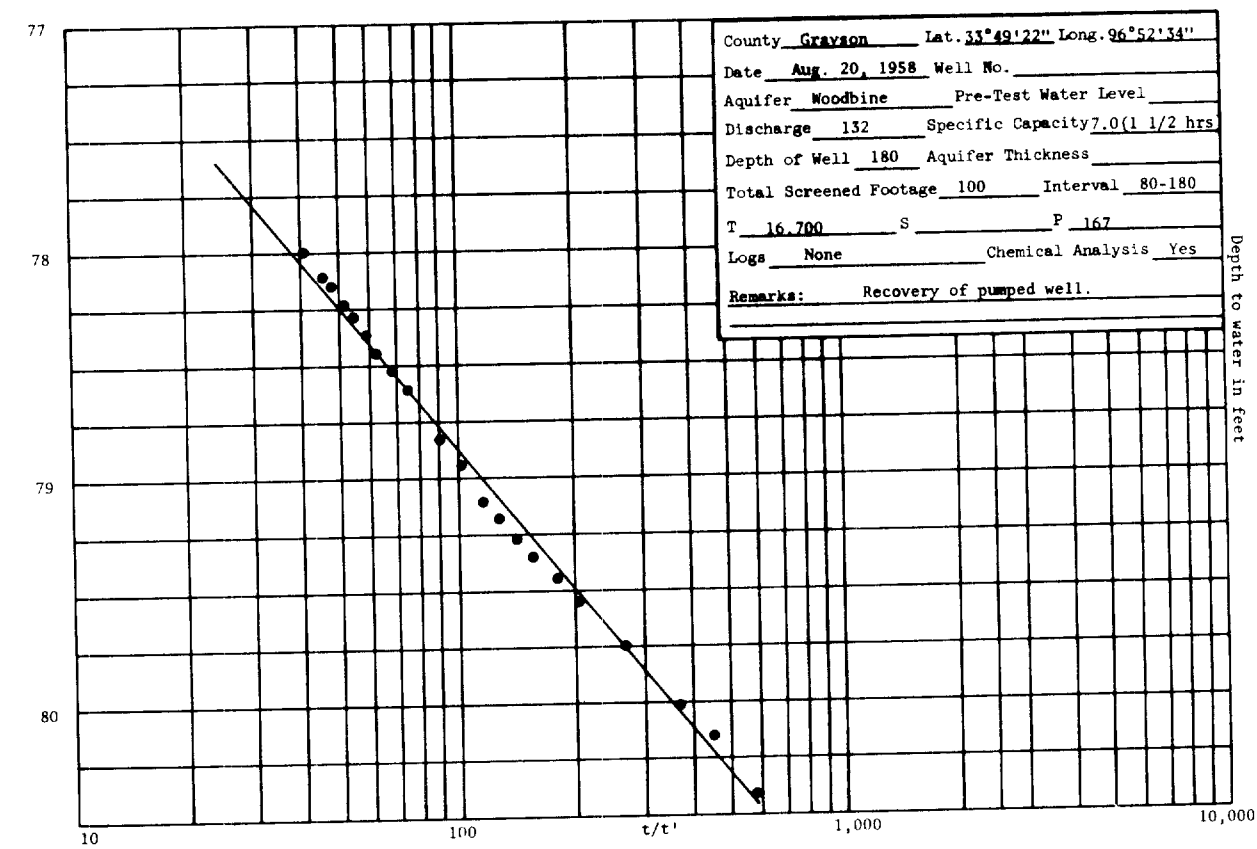

434
435
436
437
438
439
440
441
1
10
t
100
1,000
Depth to water in feet
County Grayson Lat. 33°30'38"Long.96°36'42"
Date April 21, 1954 Well No.
Aquifer Woodbine Pre-Test Water Level 440.
Discharge 105 Specific Capacity 1.95(1 1/2 hrs)
Depth of Well 1,069 Aquifer Thickness
Total Screened Footage 101 Interval 908-1054
T 7,920 S P 78
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.

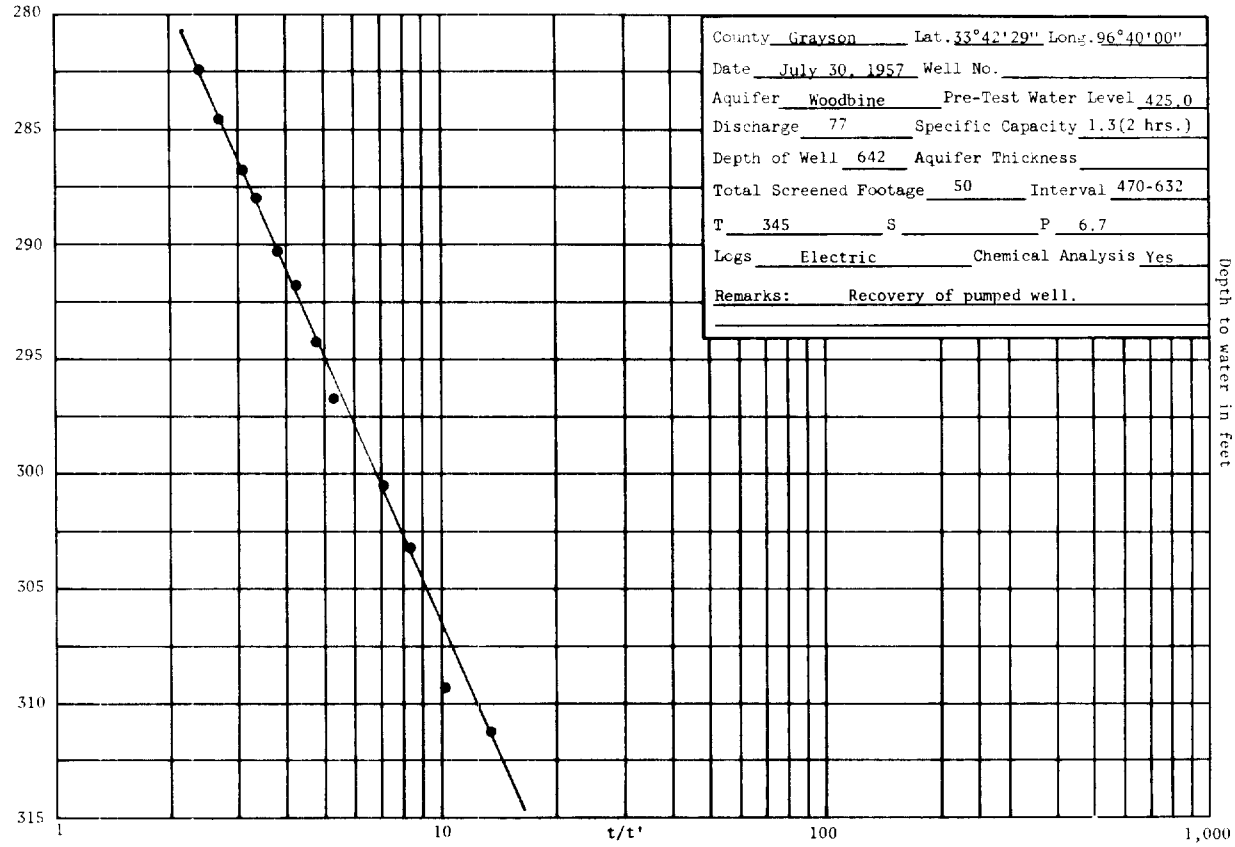

160
165
170
175
180
185
190
1
10
t
100
1,000
Depth to water in feet
County Grayson Lat.33°47'47" Long.96°53'36"
Date Aug. 13, 1958 Well No.
Aquifer Trinity sand Pre-Test Water Level143.30
Discharge 25 Specific Capacity .57(1 1/2 hr)
Depth of Well 1,021 Aquifer Thickness
Total Screened Footage 30 Interval 991-1021
T 420 S P 14
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.

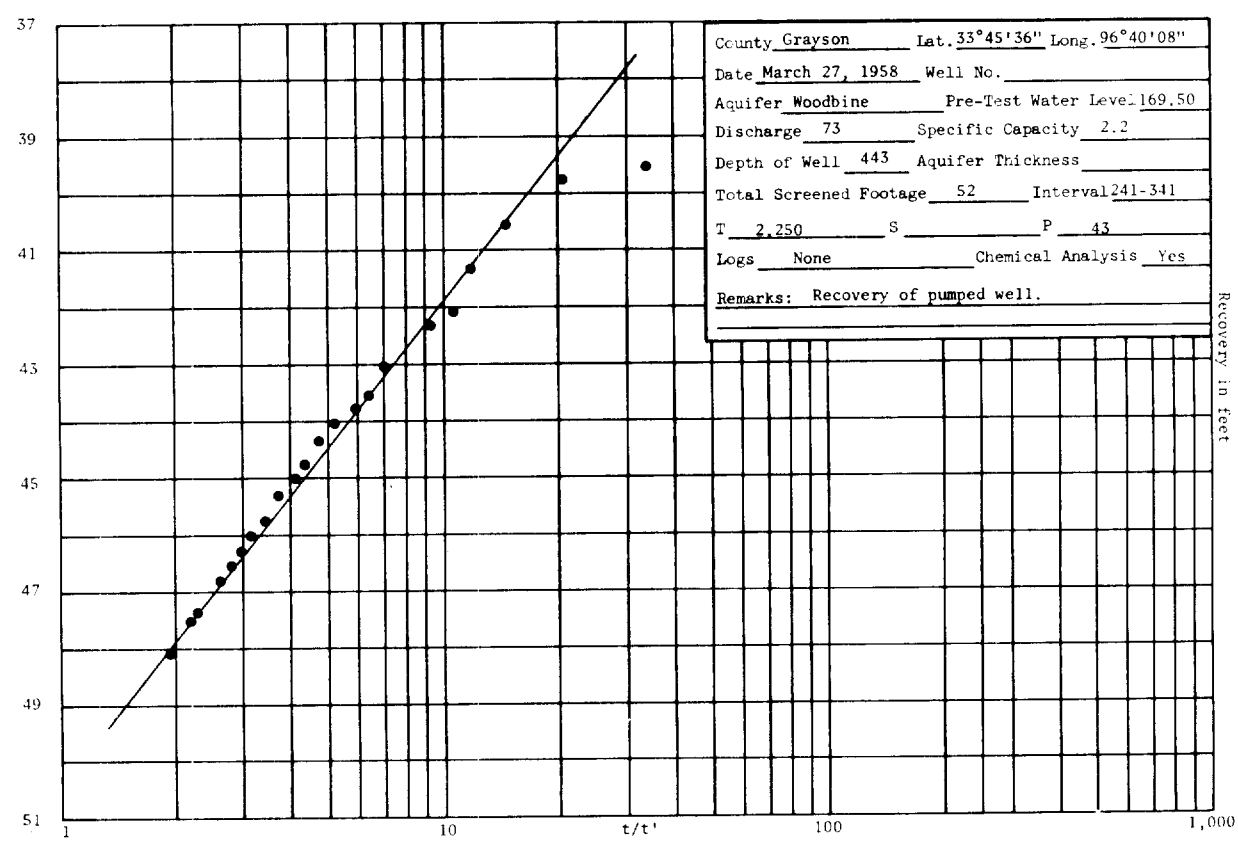

County Grayson Lat. 33°26'57" Long. 96°44'49"
Date March 24, 1958 Well No.
Aquifer Woodbine Pre-Test Water Level 241.88
Discharge 52 Specific Capacity 1.45 (8 hrs)
Depth of Well 732 Aquifer Thickness
Total Screened Footage 77 Interval 655-732
T 14,700 S P 178
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
9
10
11
1
10
t/t'
100
1,000

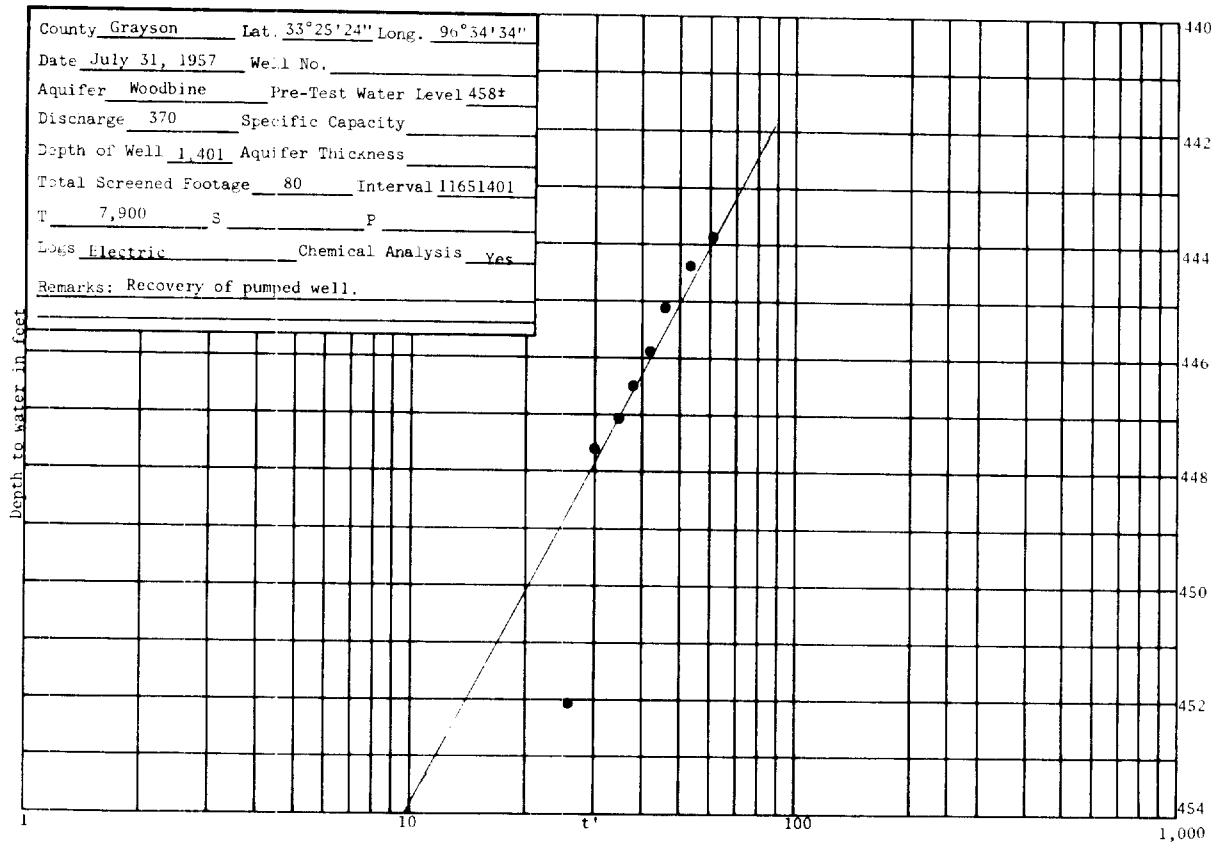

County Grayson Lat. 33°47'10" Long. 96°49'26"
Date Aug. 15, 1958 Well No.
Aquifer Woodbine Pre-Test Water Level 99.35
Discharge 145 Specific Capacity 2.2
Depth of Well 345 Aquifer Thickness
Total Screened Footage 94 Interval 189-345
T 7,870 S P 84
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
40
45
50
55
60
65
70
75
1
10
t/t'
100
1,000

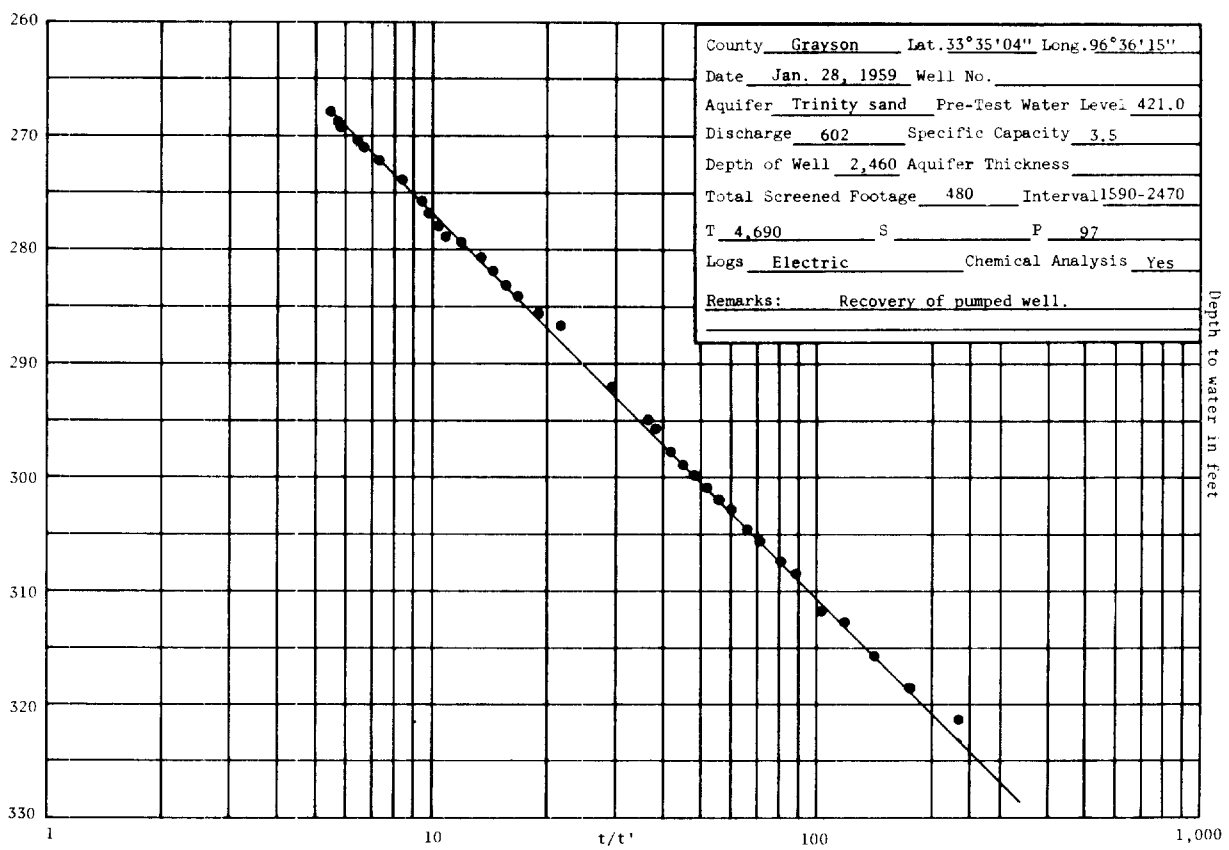

190
200
210
220
230
240
250
260
1
10
t/t'
100
1,000
Depth to water in feet
County Grayson Lat. 33°42'54" Long. 96°39'45"
Date July 30, 1957 Well No.
Aquifer Woodbine Pre-Test Water Level 377.9
Discharge 60 Specific Capacity 36 (9 hrs.)
Depth of Well 620 Aquifer Thickness
Total Screened Footage 110 Interval 510-620
T 337 S P 3.1
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

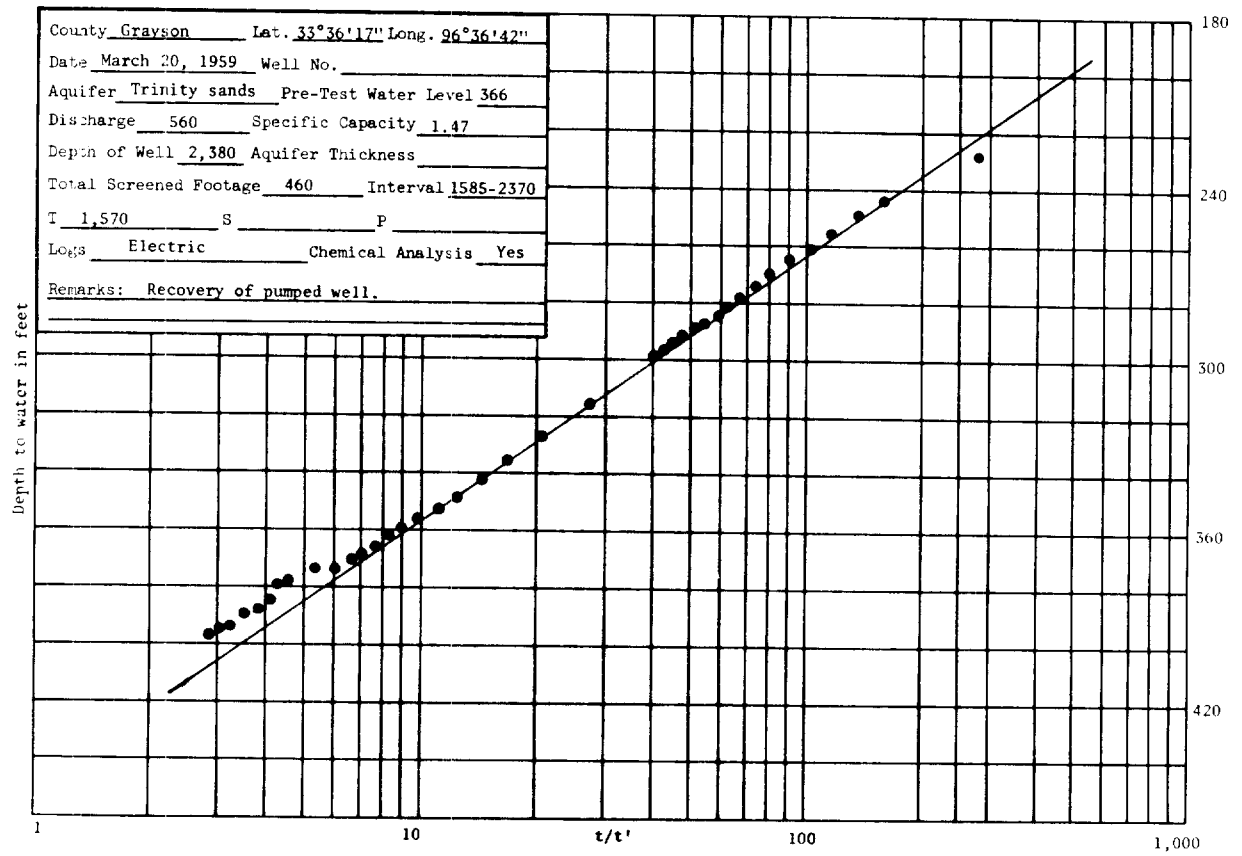

77
78
79
80
10
100
t/t'
1,000
10,000
Depth to water in feet
County Grayson Lat. 33°49'22" Long. 96°52'34"
Date Aug. 20, 1958 Well No.
Aquifer Woodbine Pre-Test Water Level
Discharge 132 Specific Capacity 7.0(1 1/2 hrs
Depth of Well 180 Aquifer Thickness
Total Screened Footage 100 Interval 80-180
T 16,700 S P 167
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

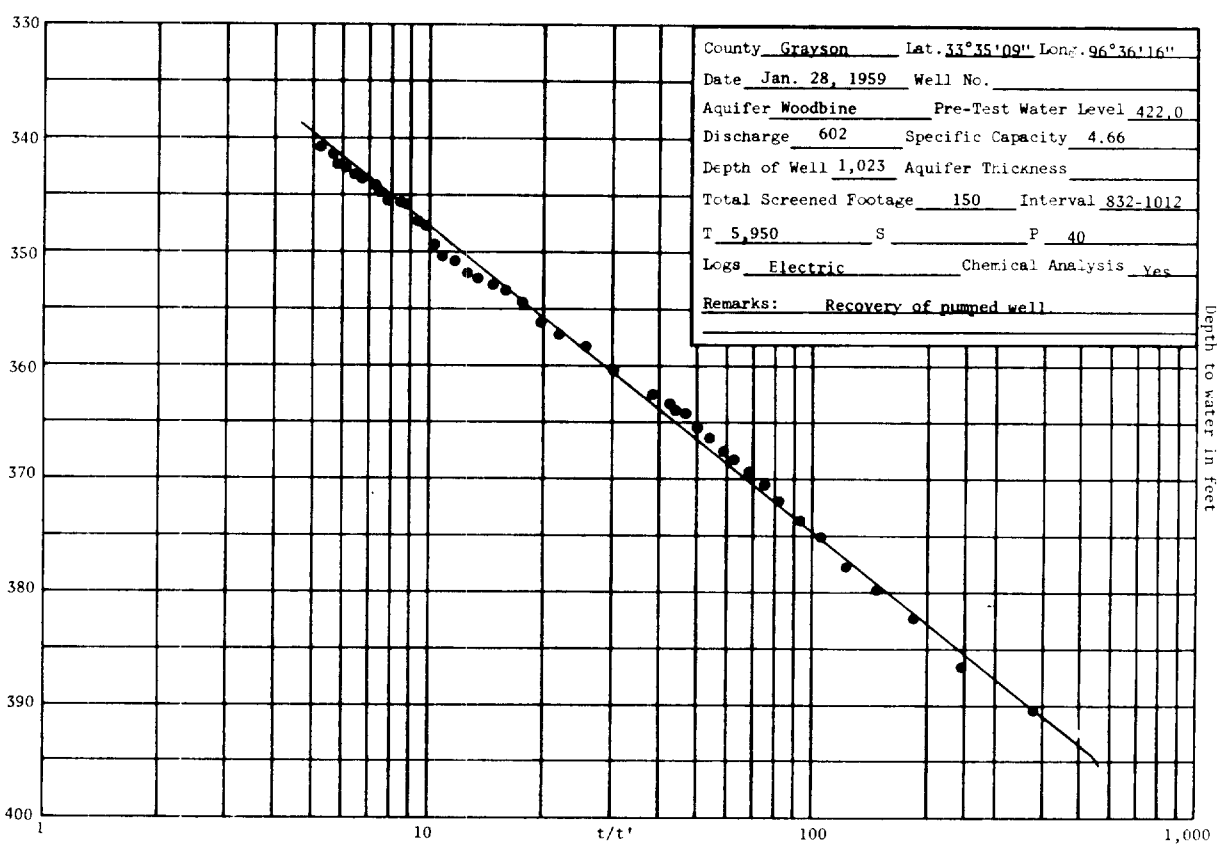

280
285
290
295
300
305
310
315
1
10
t/t'
100
1,000
Depth to water in feet
County Grayson Lat. 33°42'29" Long. 96°40'00"
Date July 30, 1957 Well No.
Aquifer Woodbine Pre-Test Water Level 425.0
Discharge 77 Specific Capacity 1.3(2 hrs.)
Depth of Well 642 Aquifer Thickness
Total Screened Footage 50 Interval 470-632
T 345 S P 6.7
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

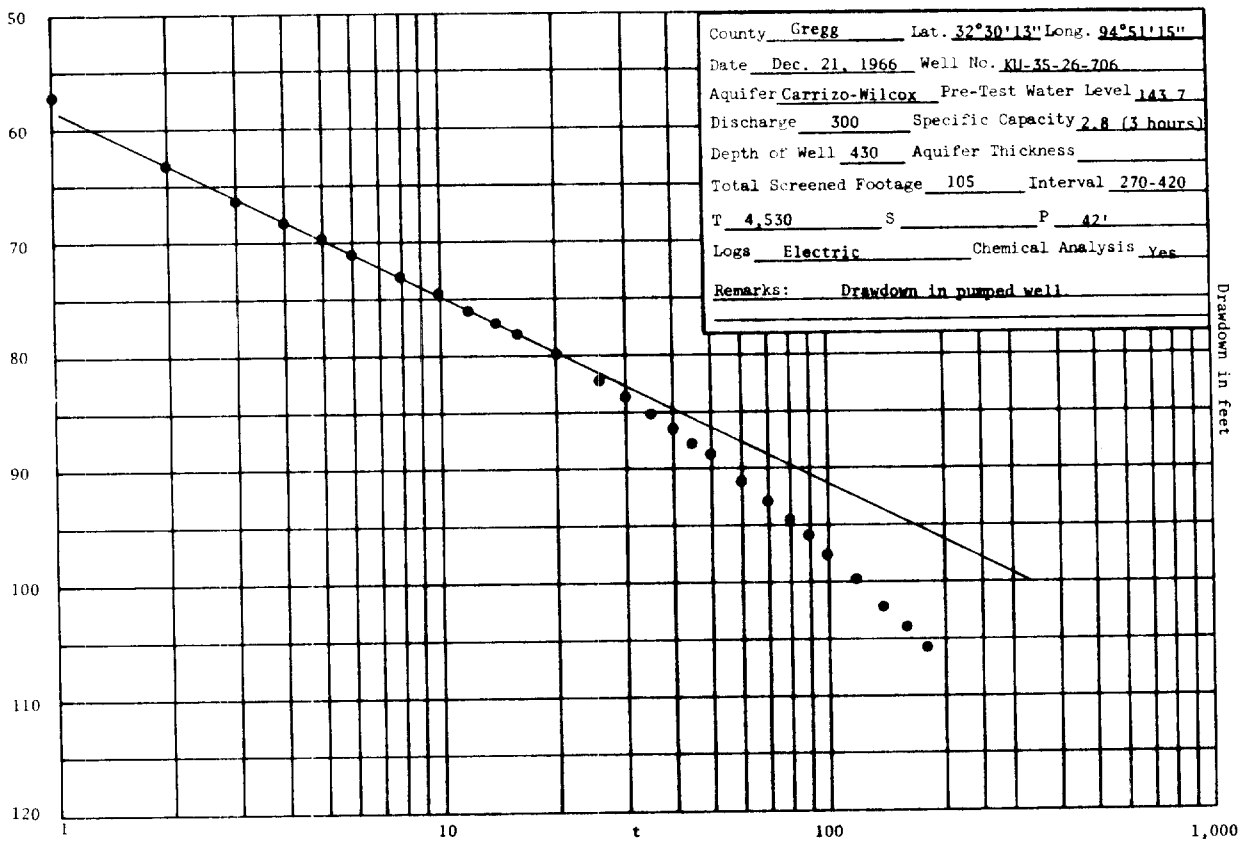

37
39
41
43
45
47
49
51
1
10
t/t'
100
1,000
Recovery in feet
County Grayson Lat. 33°45'36" Long. 96°40'08"
Date March 27, 1958 Well No.
Aquifer Woodbine Pre-Test Water Level 169.50
Discharge 73 Specific Capacity 2.2
Depth of Well 443 Aquifer Thickness
Total Screened Footage 52 Interval 241-341
T 2,250 S P 43
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

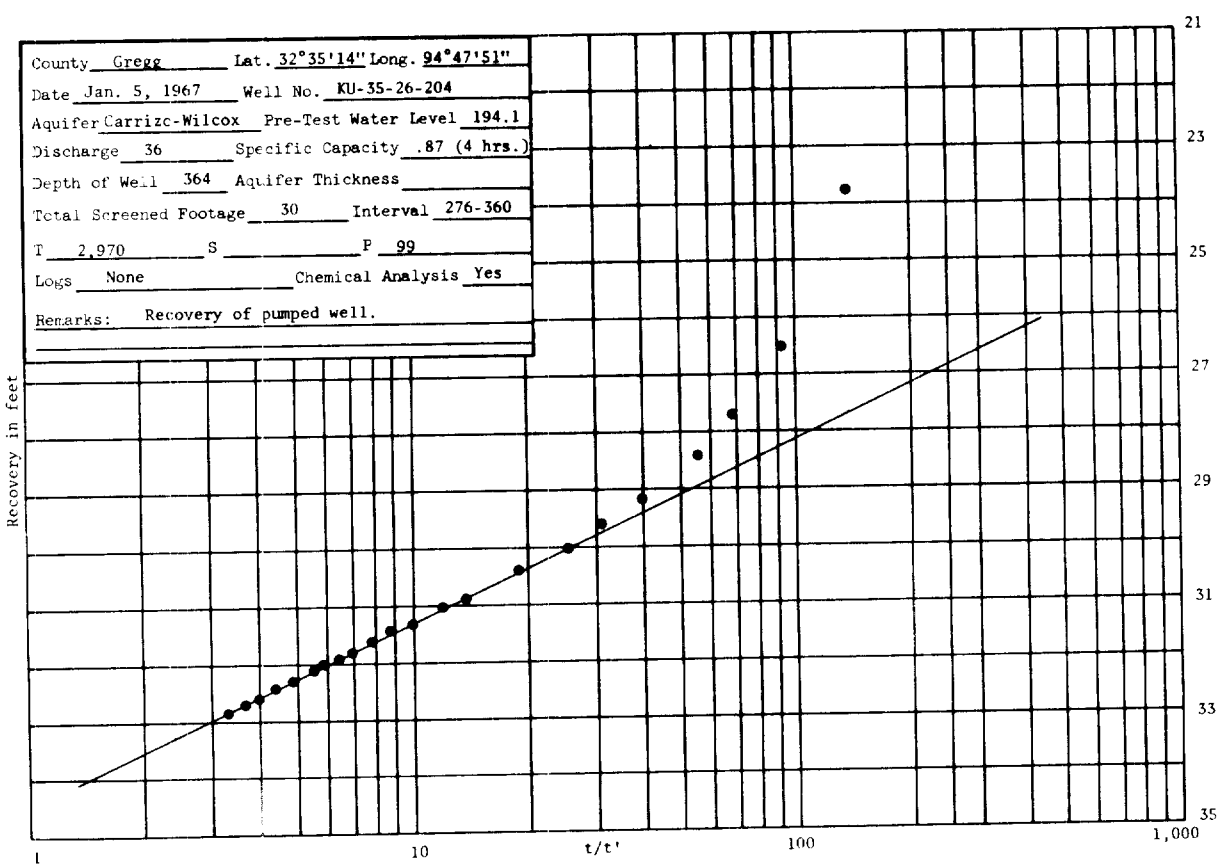

County Grayson Lat. 33°25'24" Long. 96°34'34"
Date July 31, 1957 Well No.
Aquifer Woodbine Pre-Test Water Level 458±
Discharge 370 Specific Capacity
Depth of Well 1,401 Aquifer Thickness
Total Screened Footage 80 Interval 11651401
T 7,900 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
440
442
444
446
448
450
452
454
1
10
t'
100
1,000

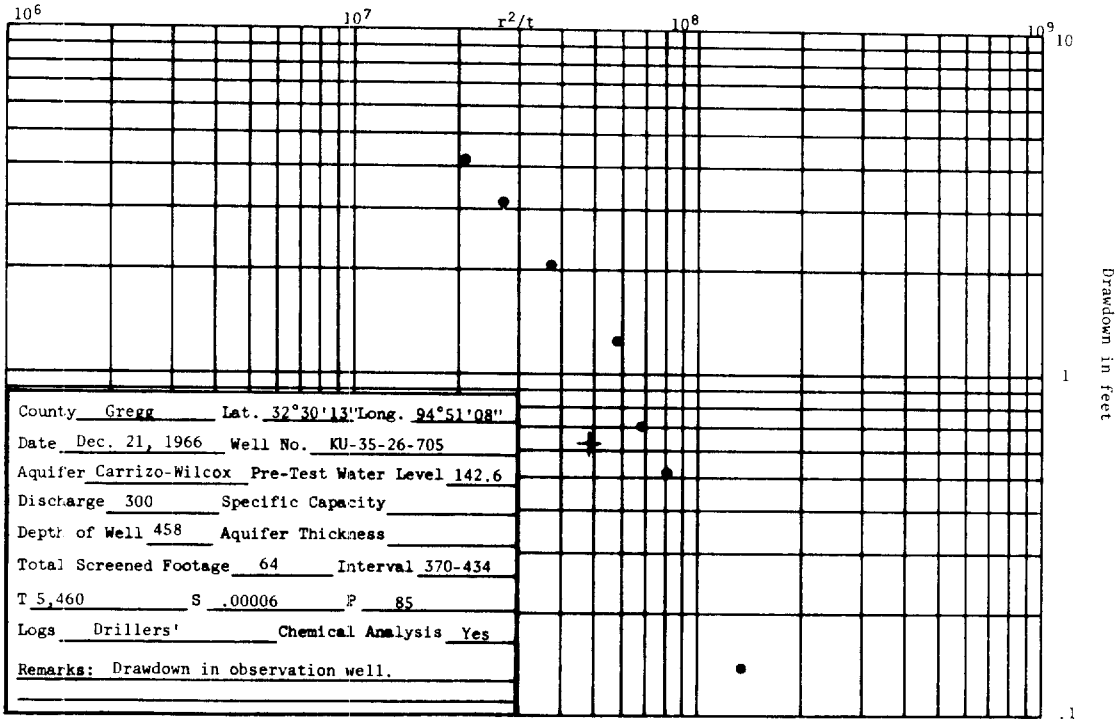

County Grayson Lat. 33°35'04" Long. 96°36'15"
Date Jan. 28, 1959 Well No.
Aquifer Trinity sand Pre-Test Water Level 421.0
Discharge 602 Specific Capacity 3.5
Depth of Well 2,460 Aquifer Thickness
Total Screened Footage 480 Interval 1590-2470
T 4,690 S P 97
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
260
270
280
290
300
310
320
330
1
10
t/t'
100
1,000

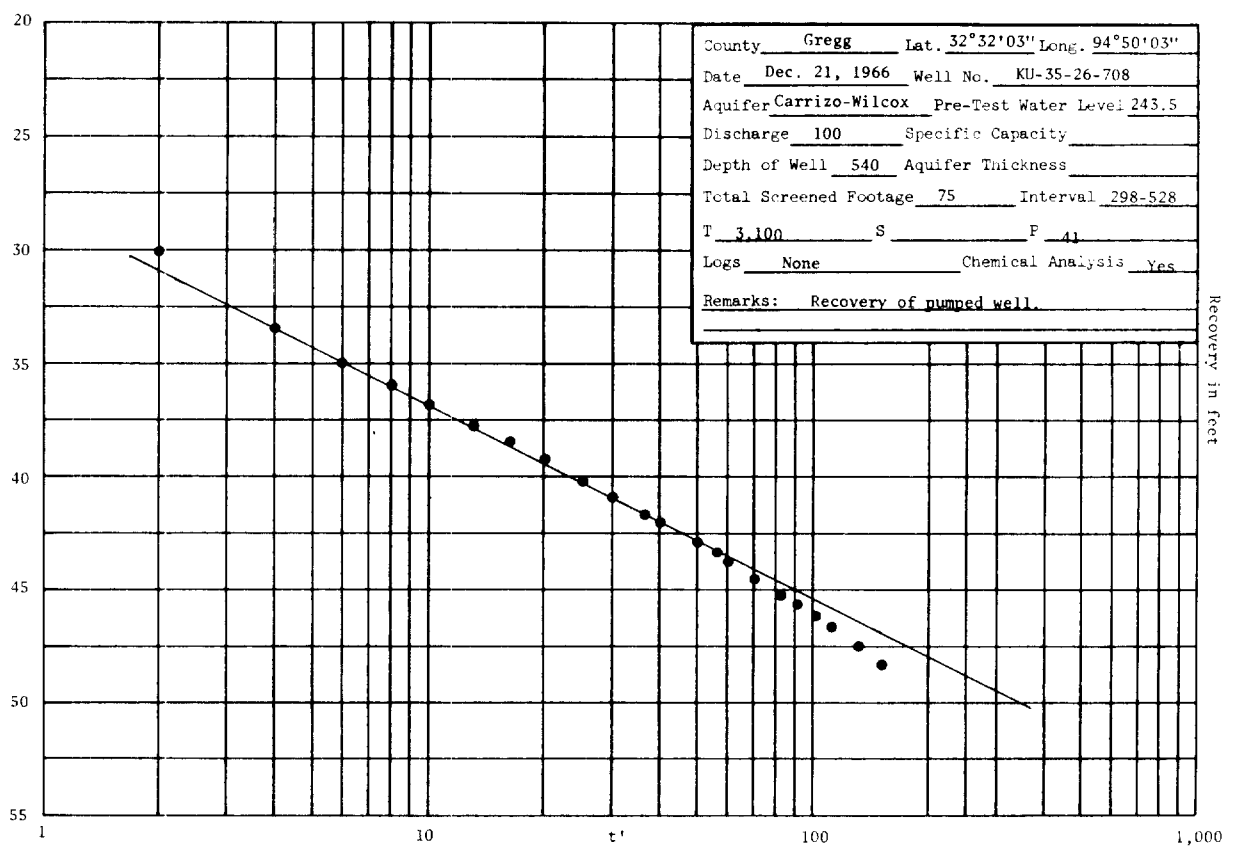

County Grayson Lat. 33°36'17" Long. 96°36'42"
Date March 20, 1959 Well No.
Aquifer Trinity sands Pre-Test Water Level 366
Discharge 560 Specific Capacity 1.47
Depth of Well 2,380 Aquifer Thickness
Total Screened Footage 460 Interval 1585-2370
T 1,570 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
180
240
300
360
420
1
10
t/t'
100
1,000


County Grayson Lat. 33°35'09" Long. 96°36'16"
Date Jan. 28, 1959 Well No.
Aquifer Woodbine Pre-Test Water Level 422.0
Discharge 602 Specific Capacity 4.66
Depth of Well 1,023 Aquifer Thickness
Total Screened Footage 150 Interval 832-1012
T 5,950 S P 40
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
330
340
350
360
370
380
390
400
1
10
t/t'
100
1,000

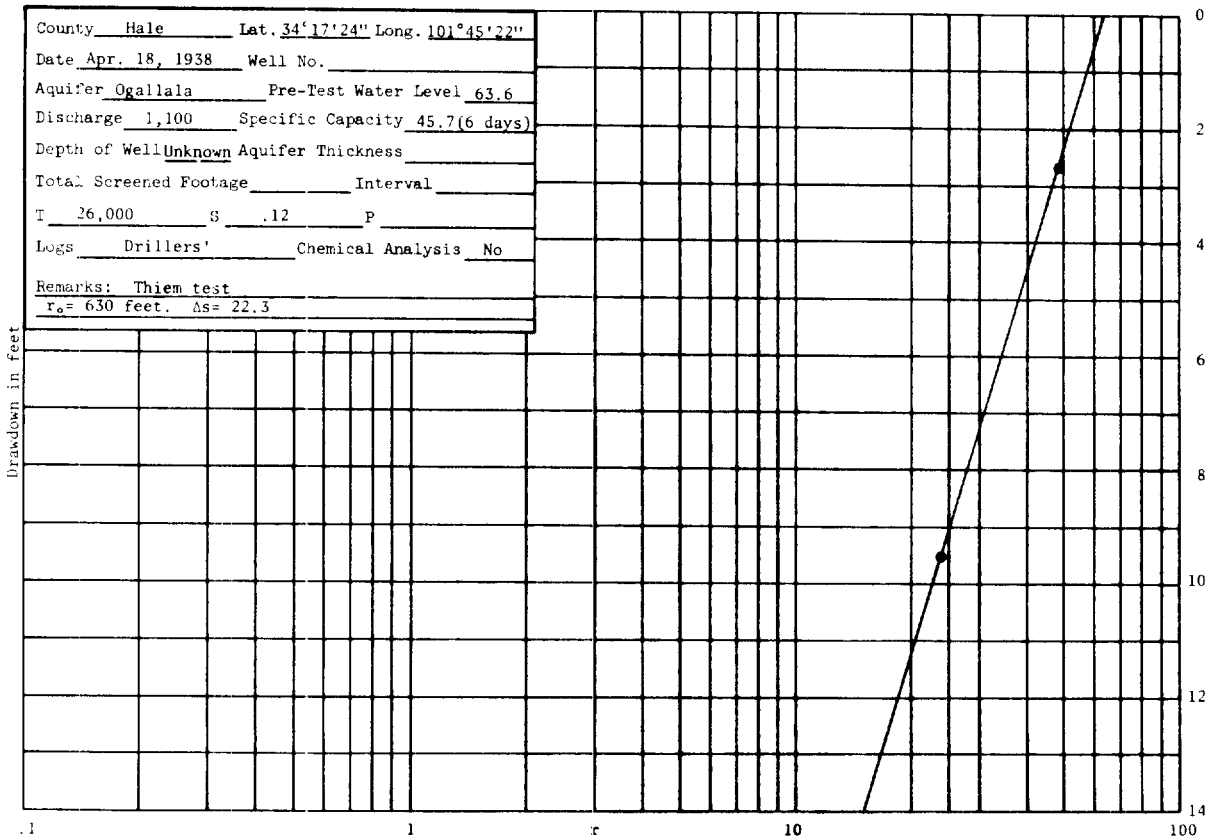

County Gregg Lat. 32°30'13" Long. 94°51'15"
Date Dec. 21, 1966 Well No. KU-35-26-706
Aquifer Carrizo-Wilcox Pre-Test Water Level 143.7
Discharge 300 Specific Capacity 2.8 (3 hours)
Depth of Well 430 Aquifer Thickness
Total Screened Footage 105 Interval 270-420
T 4,530 S P 42'
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
50
60
70
80
90
100
110
120
1
10
t
100
1,000
Drawdown in feet


County Gregg Lat. 32°35'14" Long. 94°47'51"
Date Jan. 5, 1967 Well No. KU-35-26-204
Aquifer Carrizo-Wilcox Pre-Test Water Level 194.1
Discharge 36 Specific Capacity .87 (4 hrs.)
Depth of Well 364 Aquifer Thickness
Total Screened Footage 30 Interval 276-360
T 2,970 S P 99
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
21
23
25
27
29
31
33
35
1
10
t/t'
100
1,000
Recovery in feet

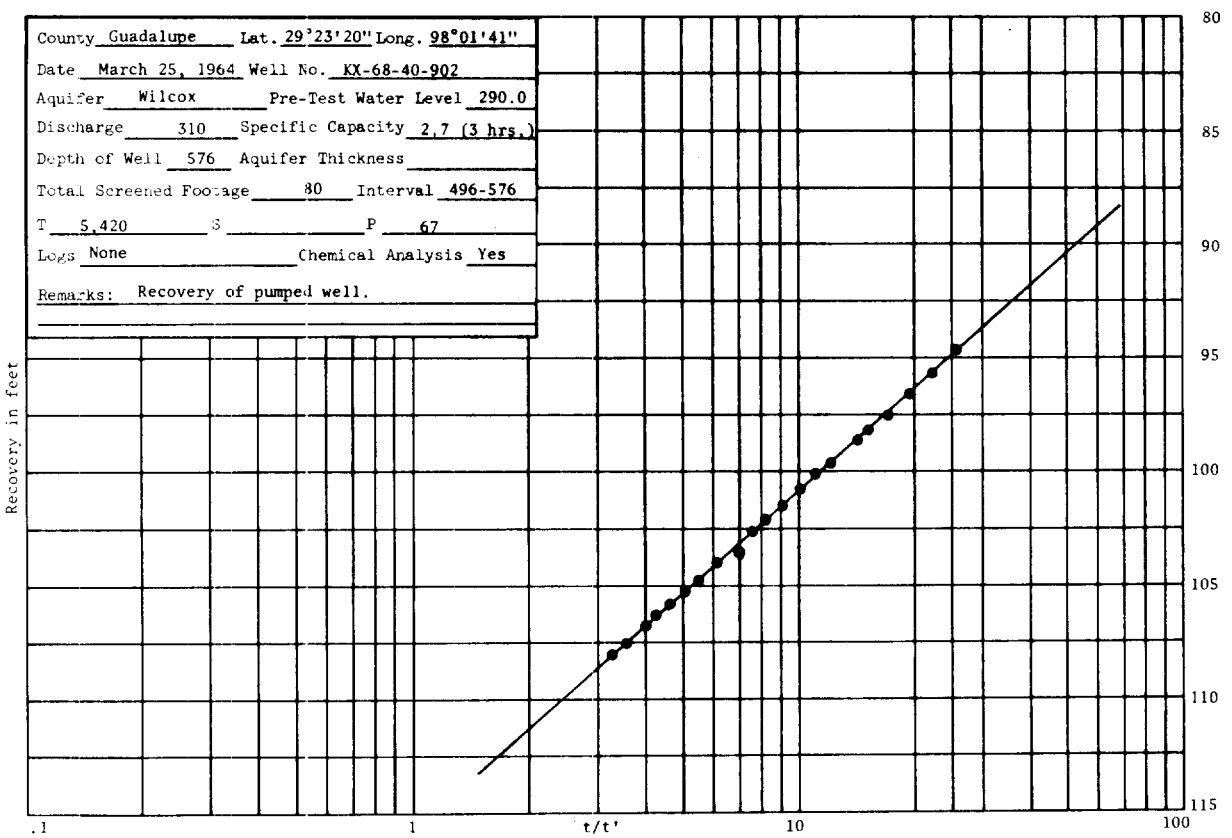

10^6
10^7
r^2/t
10^8
10^9
10
1
.1
Drawdown in feet
County Gregg Lat. 32°30'13" Long. 94°51'08"
Date Dec. 21, 1966 Well No. KU-35-26-705
Aquifer Carrizo-Wilcox Pre-Test Water Level 142.6
Discharge 300 Specific Capacity
Depth of Well 458 Aquifer Thickness
Total Screened Footage 64 Interval 370-434
T 5,460 S .00006 P 85
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well.

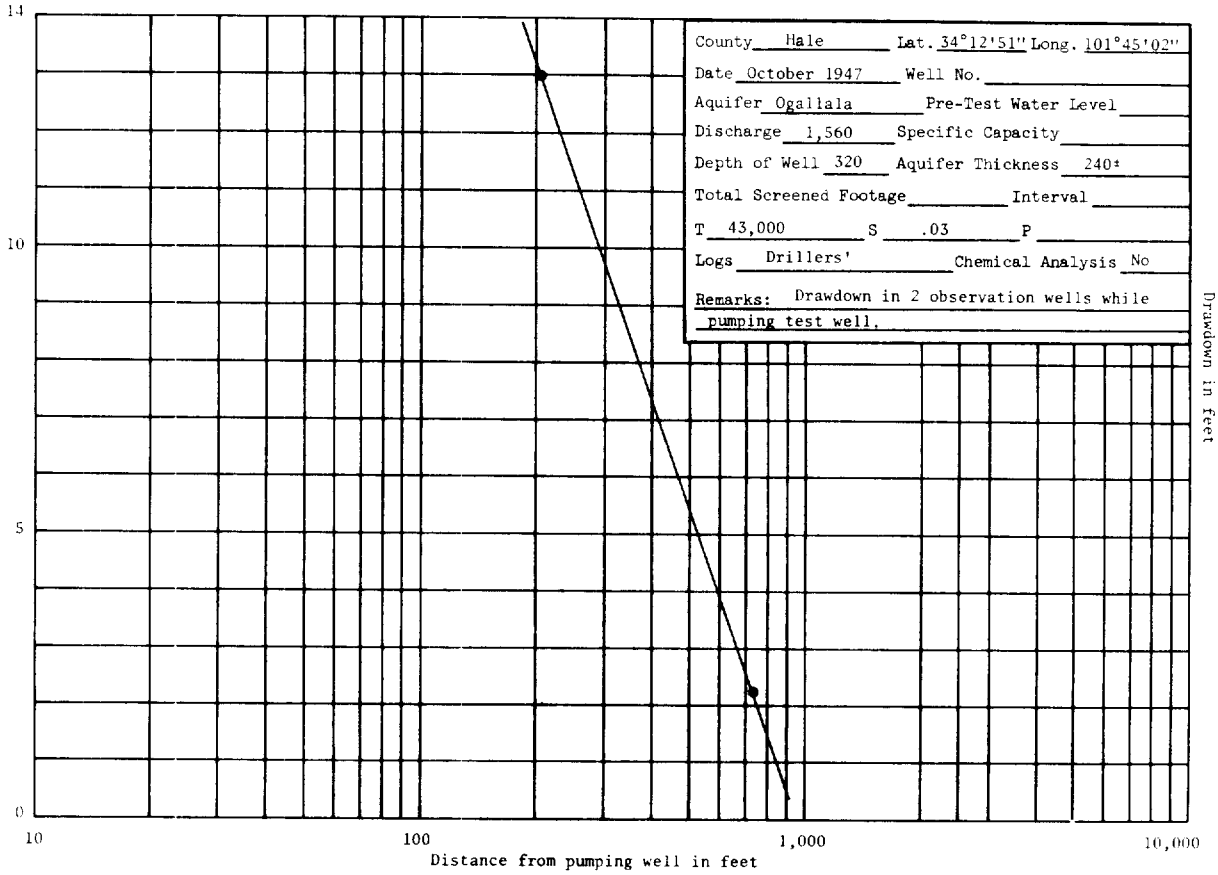

20
25
30
35
40
45
50
55
1
10
t'
100
1,000
Recovery in feet
County Gregg Lat. 32°32'03" Long. 94°50'03"
Date Dec. 21, 1966 Well No. KU-35-26-708
Aquifer Carrizo-Wilcox Pre-Test Water Level 243.5
Discharge 100 Specific Capacity
Depth of Well 540 Aquifer Thickness
Total Screened Footage 75 Interval 298-528
T 3,100 S P 41
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

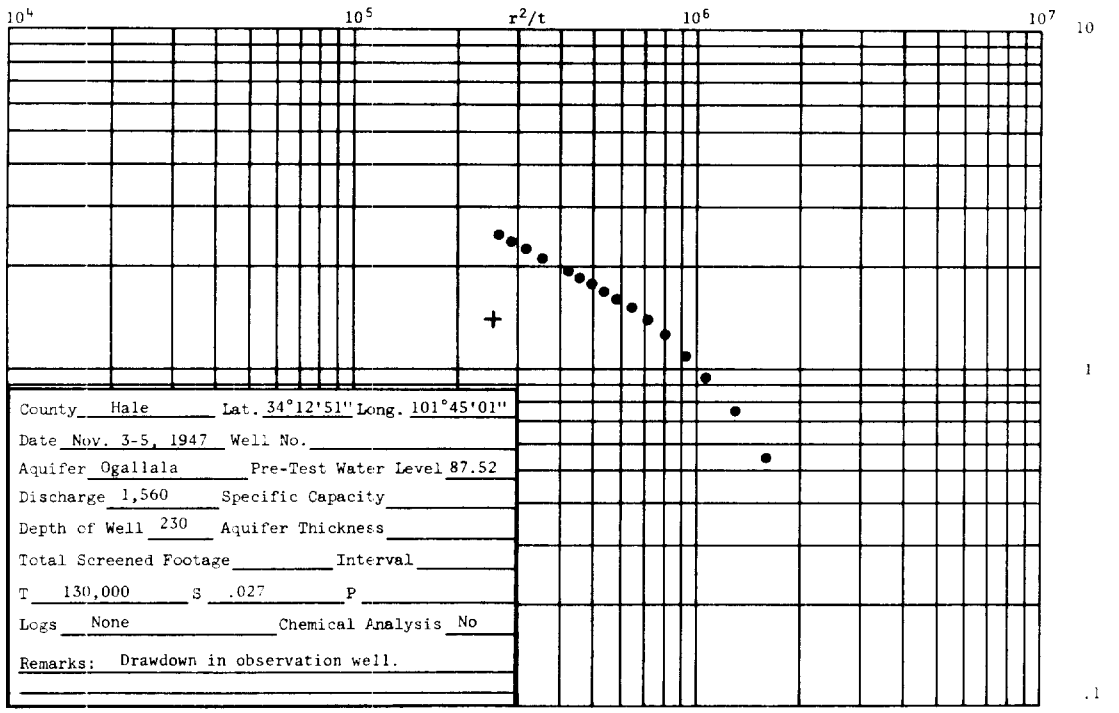
County Hale Lat. 34°17'24" Long. 101°45'22"
Date Apr. 18, 1938 Well No.
Aquifer Ogallala Pre-Test Water Level 63.6
Discharge 1,100 Specific Capacity 45.7(6 days)
Depth of Well Unknown Aquifer Thickness
Total Screened Footage Interval
T 26,000 S .12 P
Logs Drillers' Chemical Analysis No
Remarks: Thiem test
r_o= 630 feet. Δs= 22.3

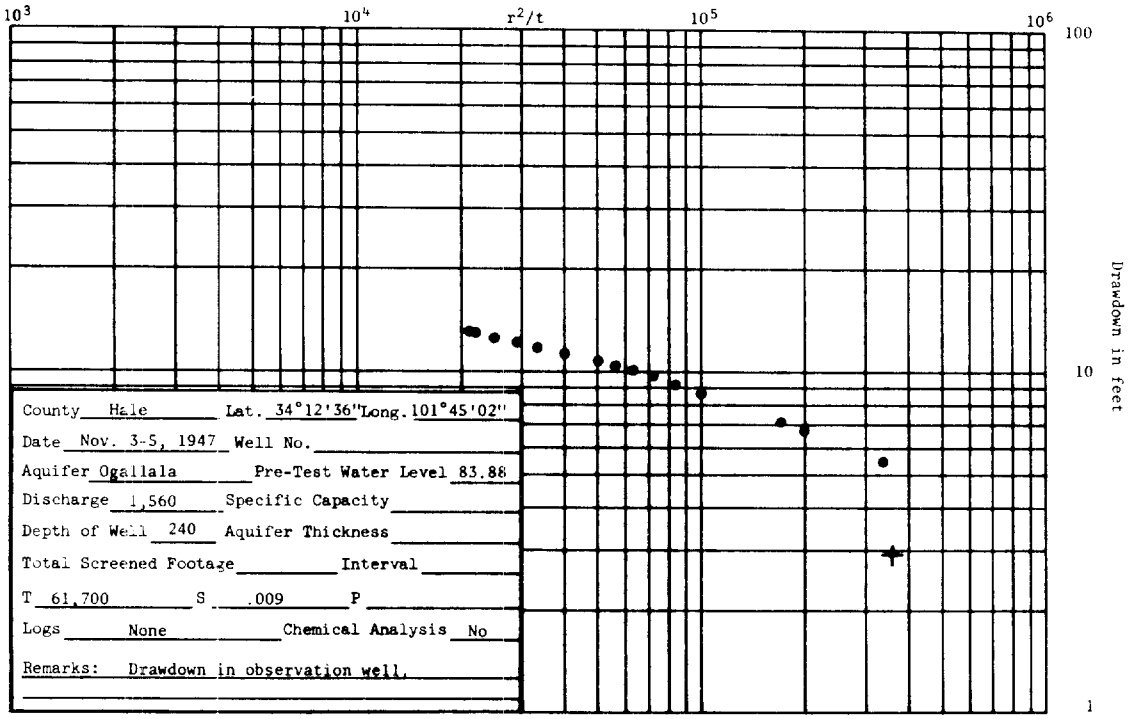


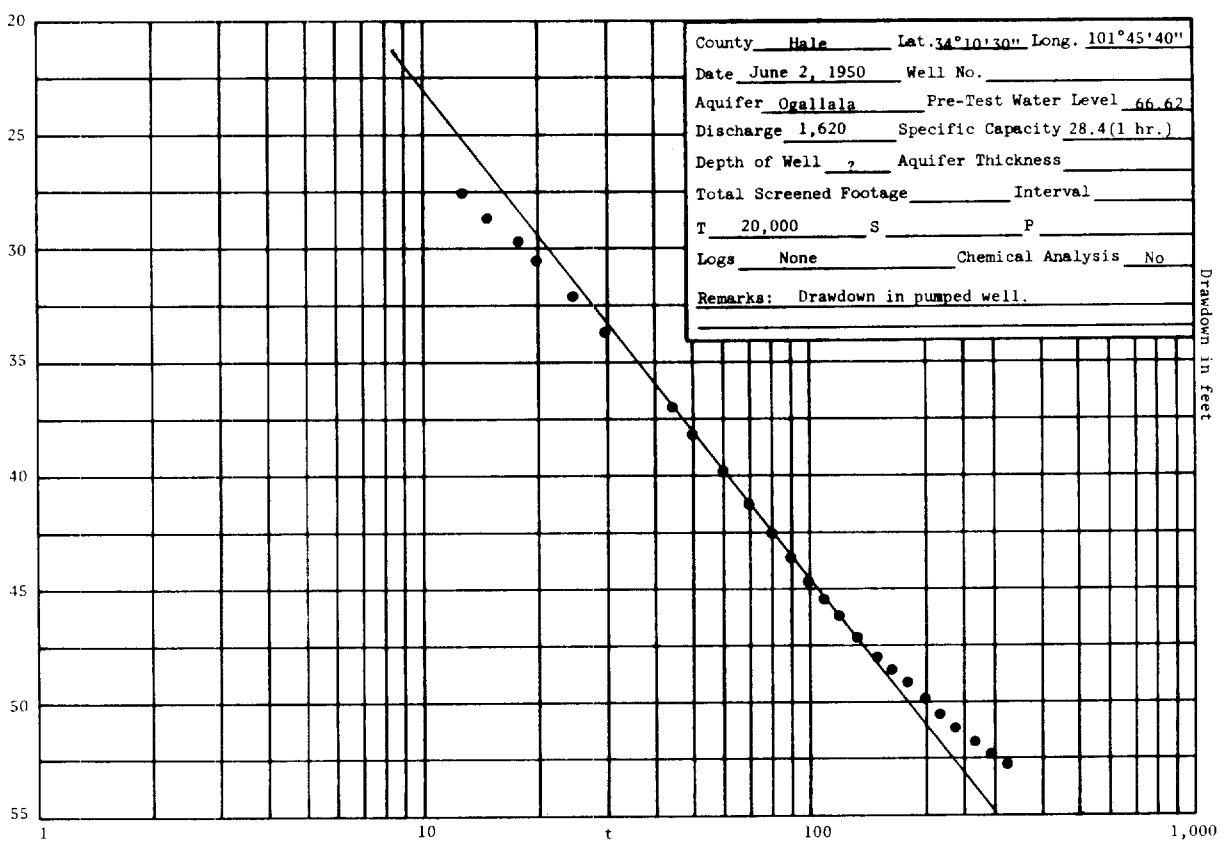
County Guadalupe Lat. 29°23'20" Long. 98°01'41"
Date March 25, 1964 Well No. KX-68-40-902
Aquifer Wilcox Pre-Test Water Level 290.0
Discharge 310 Specific Capacity 2.7 (3 hrs.)
Depth of Well 576 Aquifer Thickness
Total Screened Footage 80 Interval 496-576
T 5,420 S P 67
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.

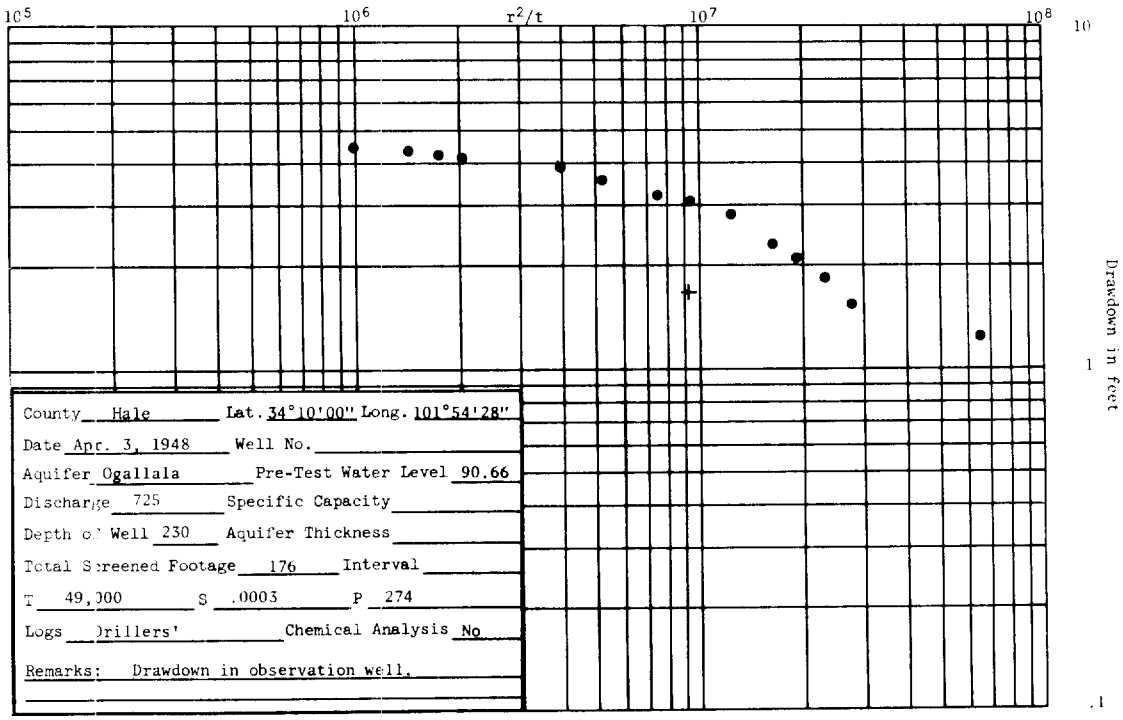



County Hale Lat. 34°12'51" Long. 101°45'02"
Date October 1947 Well No.
Aquifer Ogallala Pre-Test Water Level
Discharge 1,560 Specific Capacity
Depth of Well 320 Aquifer Thickness 240±
Total Screened Footage Interval
T 43,000 S .03 P
Logs Drillers' Chemical Analysis No
Remarks: Drawdown in 2 observation wells while pumping test well.
14
10
5
0
10
100
1,000
10,000
Distance from pumping well in feet
Drawdown in feet

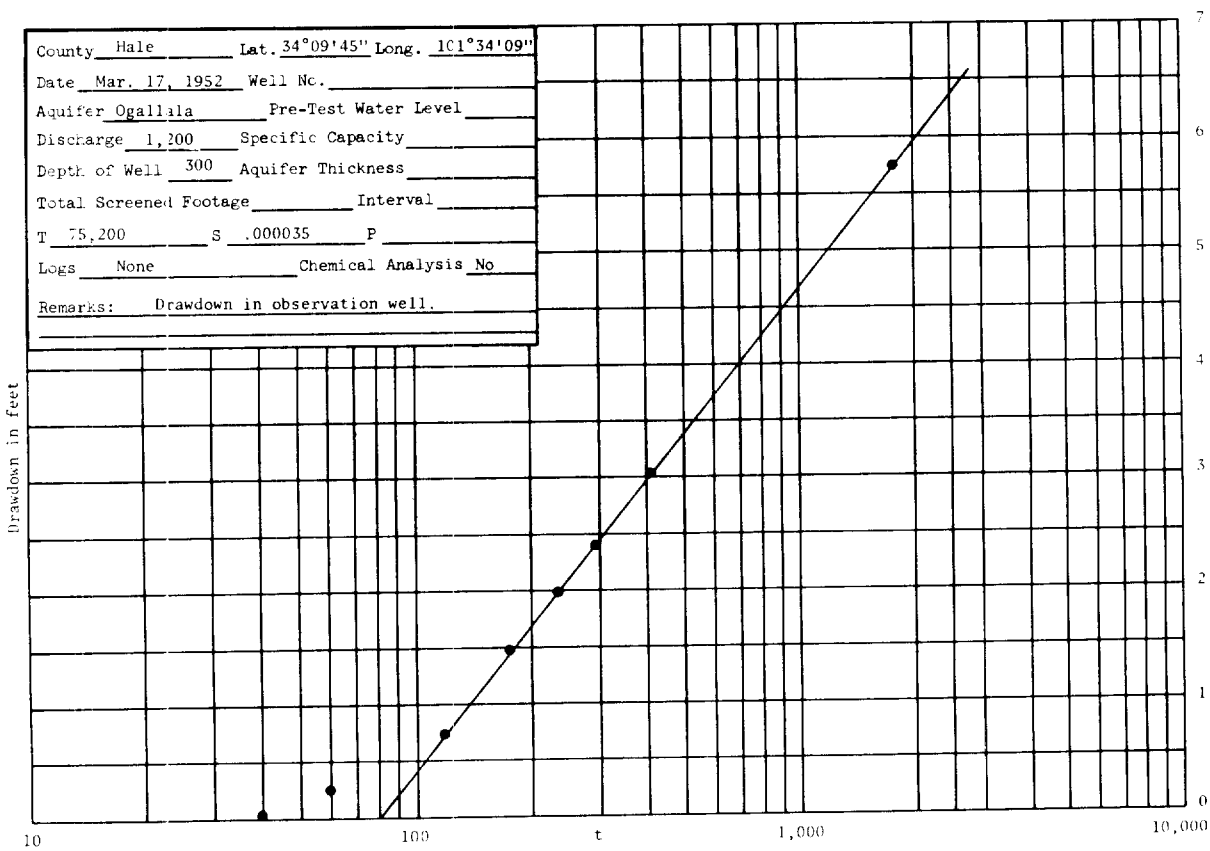

10^4
10^5
r^2/t
10^6
10^7
10
1
.1
Drawdown in feet
County Hale Lat. 34°12'51" Long. 101°45'01"
Date Nov. 3-5, 1947 Well No.
Aquifer Ogallala Pre-Test Water Level 87.52
Discharge 1,560 Specific Capacity
Depth of Well 230 Aquifer Thickness
Total Screened Footage Interval
T 130,000 S .027 P
Logs None Chemical Analysis No
Remarks: Drawdown in observation well.


10^3
10^4
r^2/t
10^5
10^6
100
10
1
Drawdown in feet
County Hale Lat. 34°12'36" Long. 101°45'02"
Date Nov. 3-5, 1947 Well No.
Aquifer Ogallala Pre-Test Water Level 83.88
Discharge 1,560 Specific Capacity
Depth of Well 240 Aquifer Thickness
Total Screened Footage Interval
T 61,700 S .009 P
Logs None Chemical Analysis No
Remarks: Drawdown in observation well.

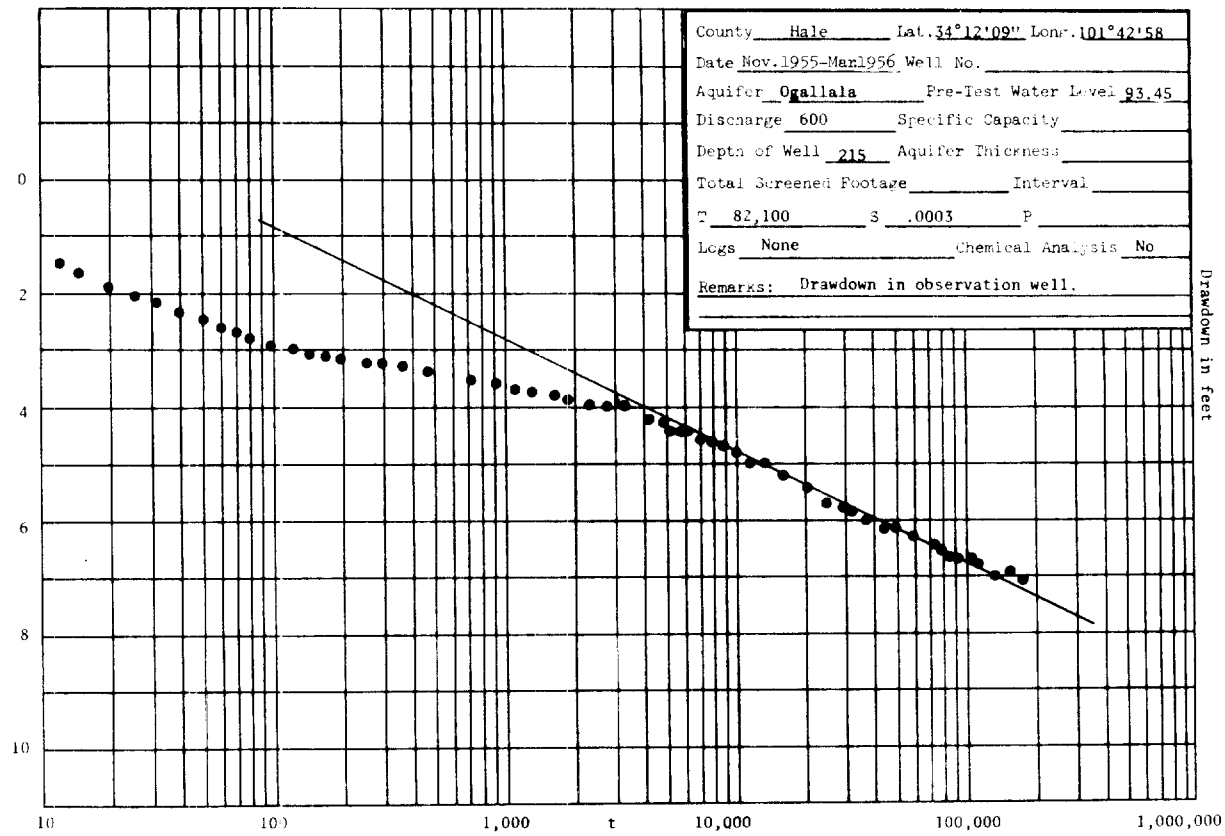

20
25
30
35
40
45
50
55
1
10
t
100
1,000
Drawdown in feet
County Hale Lat. 34°10'30" Long. 101°45'40"
Date June 2, 1950 Well No.
Aquifer Ogallala Pre-Test Water Level 66.62
Discharge 1,620 Specific Capacity 28.4(1 hr.)
Depth of Well ? Aquifer Thickness
Total Screened Footage Interval
T 20,000 S P
Logs None Chemical Analysis No
Remarks: Drawdown in pumped well.

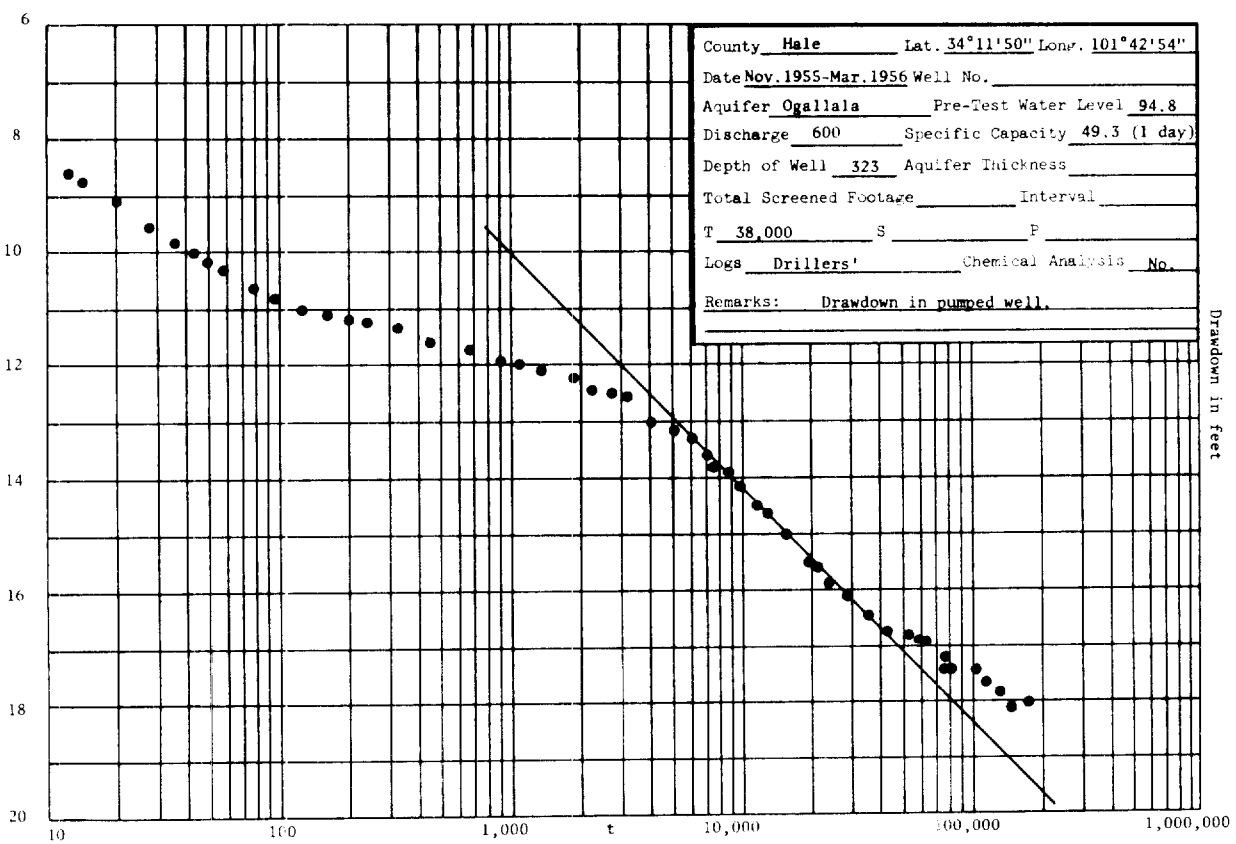


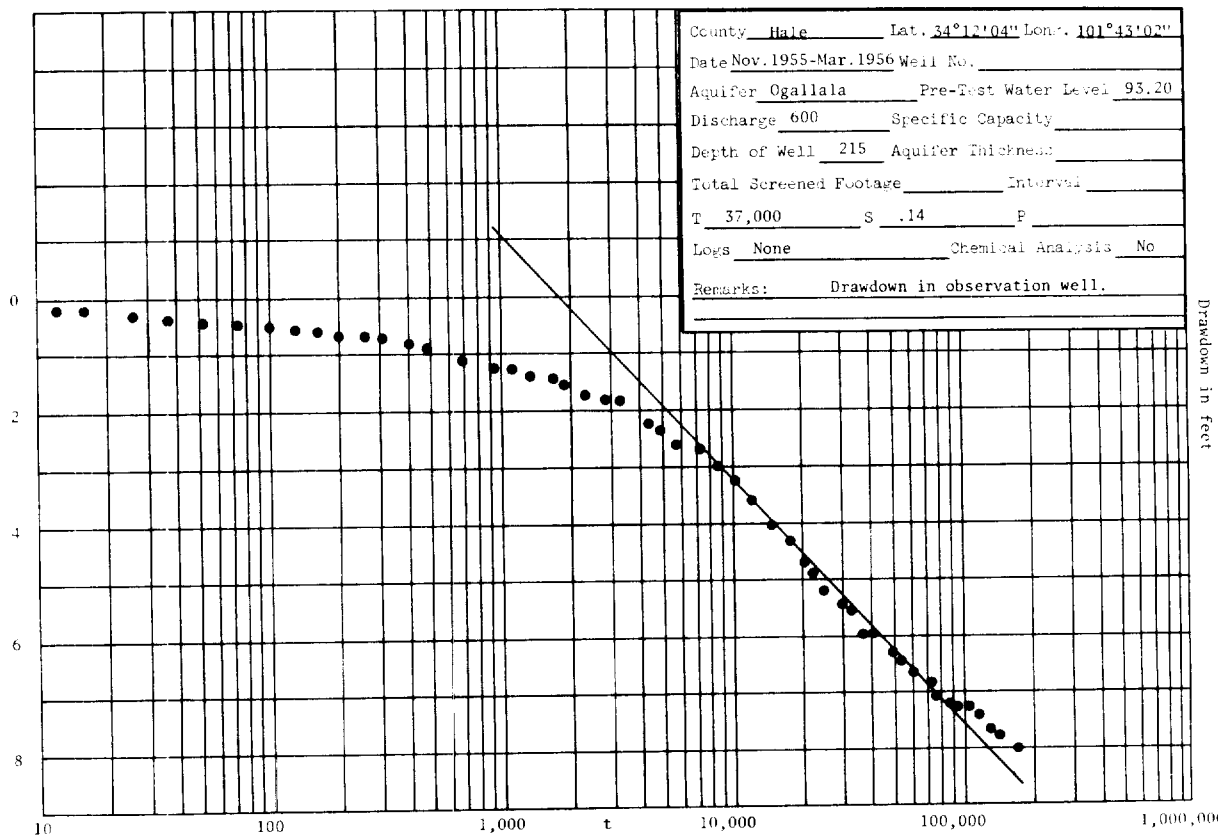
County Hale Lat. 34°10'00" Long. 101°54'28"
Date Apr. 3, 1948 Well No.
Aquifer Ogallala Pre-Test Water Level 90.66
Discharge 725 Specific Capacity
Depth of Well 230 Aquifer Thickness
Total Screened Footage 176 Interval
T 49,300 S .0003 P 274
Logs Drillers' Chemical Analysis No
Remarks: Drawdown in observation well.

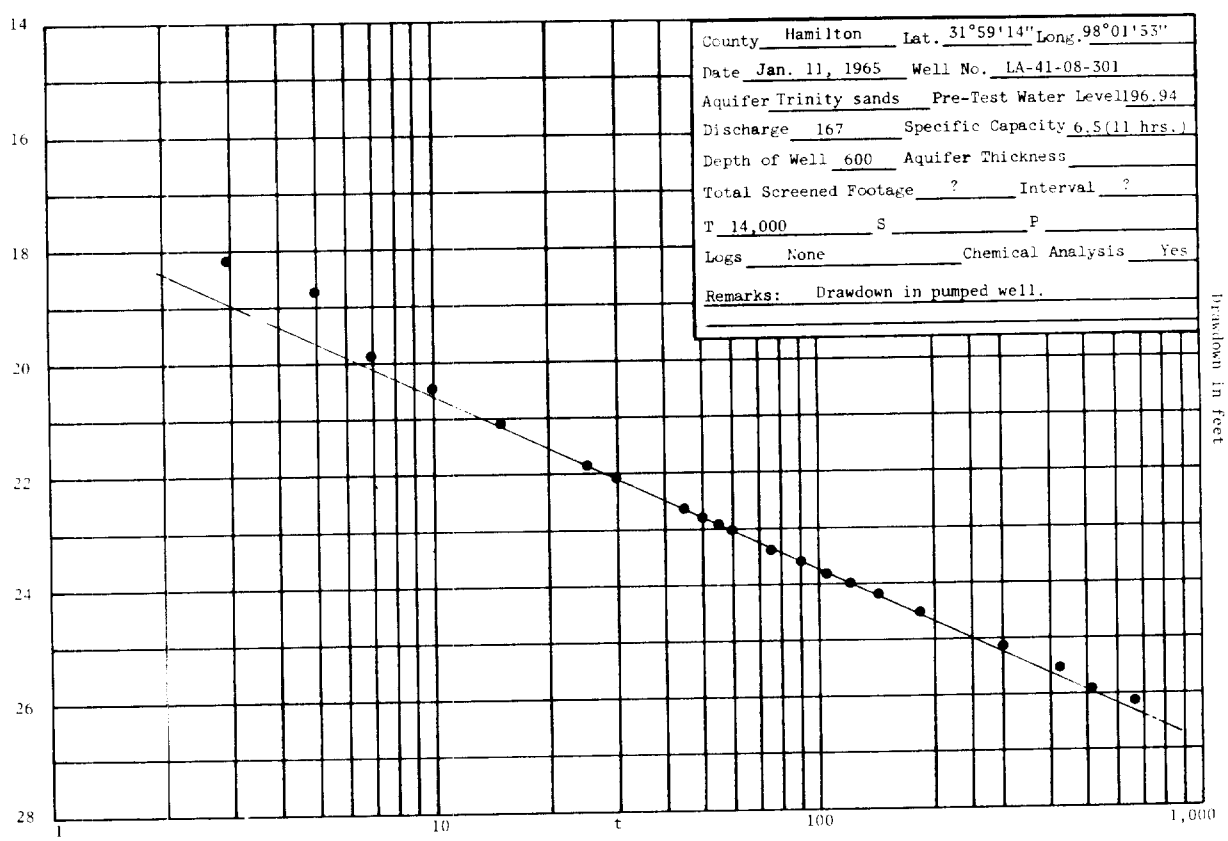


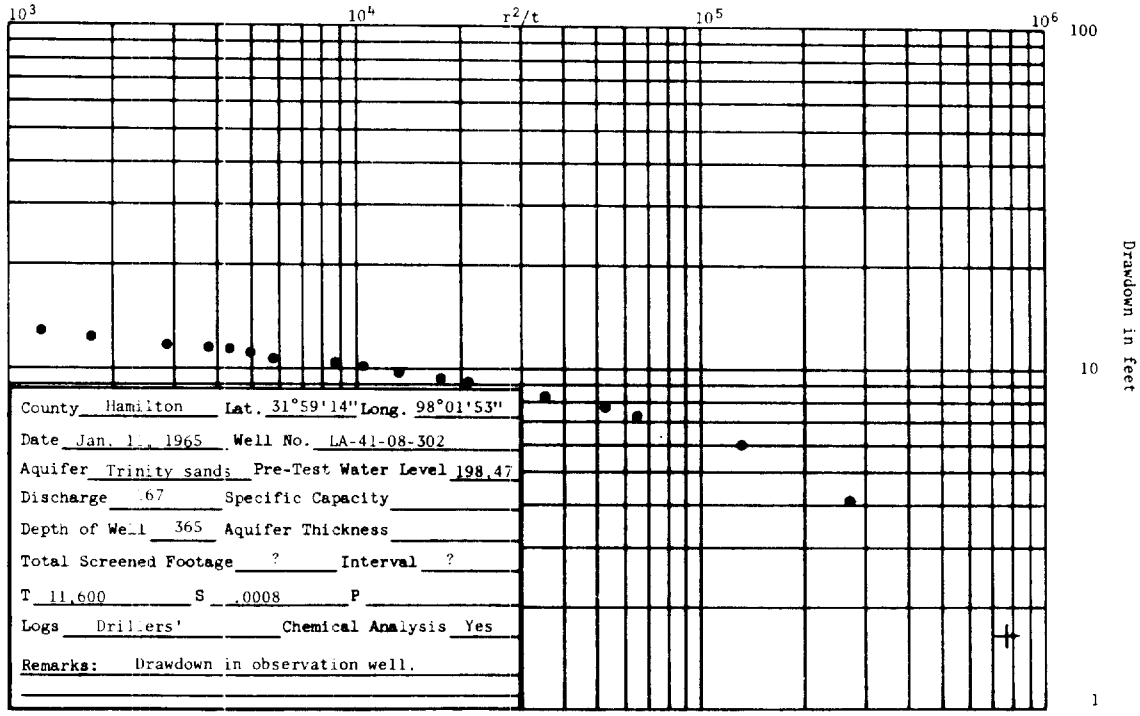
County Hale Lat. 34°09'45" Long. 101°34'09"
Date Mar. 17, 1952 Well No.
Aquifer Ogallala Pre-Test Water Level
Discharge 1,200 Specific Capacity
Depth of Well 300 Aquifer Thickness
Total Screened Footage Interval
T 75,200 S .000035 P
Logs None Chemical Analysis No
Remarks: Drawdown in observation well.

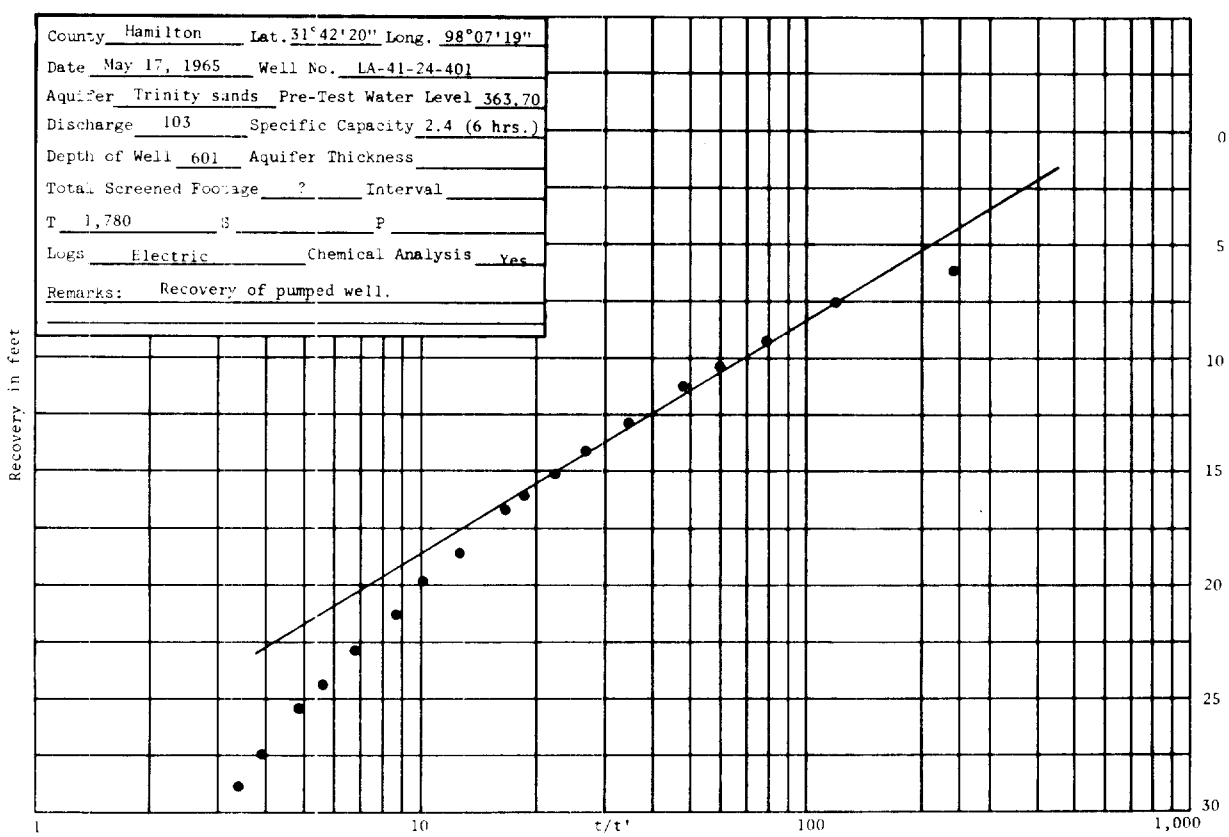

County Hale Lat. 34°12'09" Long. 101°42'58
Date Nov. 1955-Mar. 1956 Well No.
Aquifer Ogallala Pre-Test Water Level 93.45
Discharge 600 Specific Capacity
Depth of Well 215 Aquifer Thickness
Total Screened Footage Interval
T 82,100 S .0003 P
Logs None Chemical Analysis No
Remarks: Drawdown in observation well.
0
2
4
6
8
10
10
100
1,000
t
10,000
100,000
1,000,000
Drawdown in feet

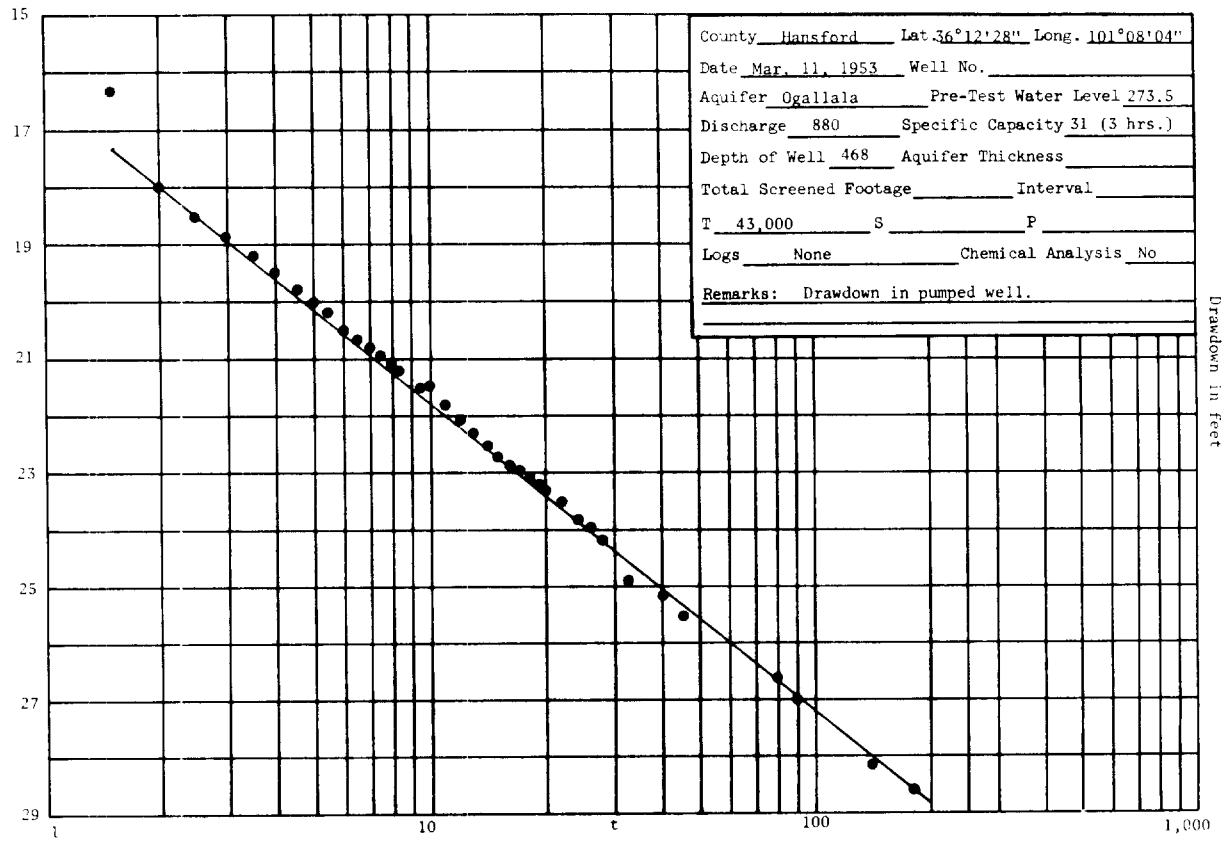

County Hale Lat. 34°11'50" Long. 101°42'54"
Date Nov. 1955-Mar. 1956 Well No.
Aquifer Ogallala Pre-Test Water Level 94.8
Discharge 600 Specific Capacity 49.3 (1 day)
Depth of Well 323 Aquifer Thickness
Total Screened Footage Interval
T 38,000 S P
Logs Drillers' Chemical Analysis No.
Remarks: Drawdown in pumped well.
6
8
10
12
14
16
18
20
10
100
1,000
t
10,000
100,000
1,000,000
Drawdown in feet

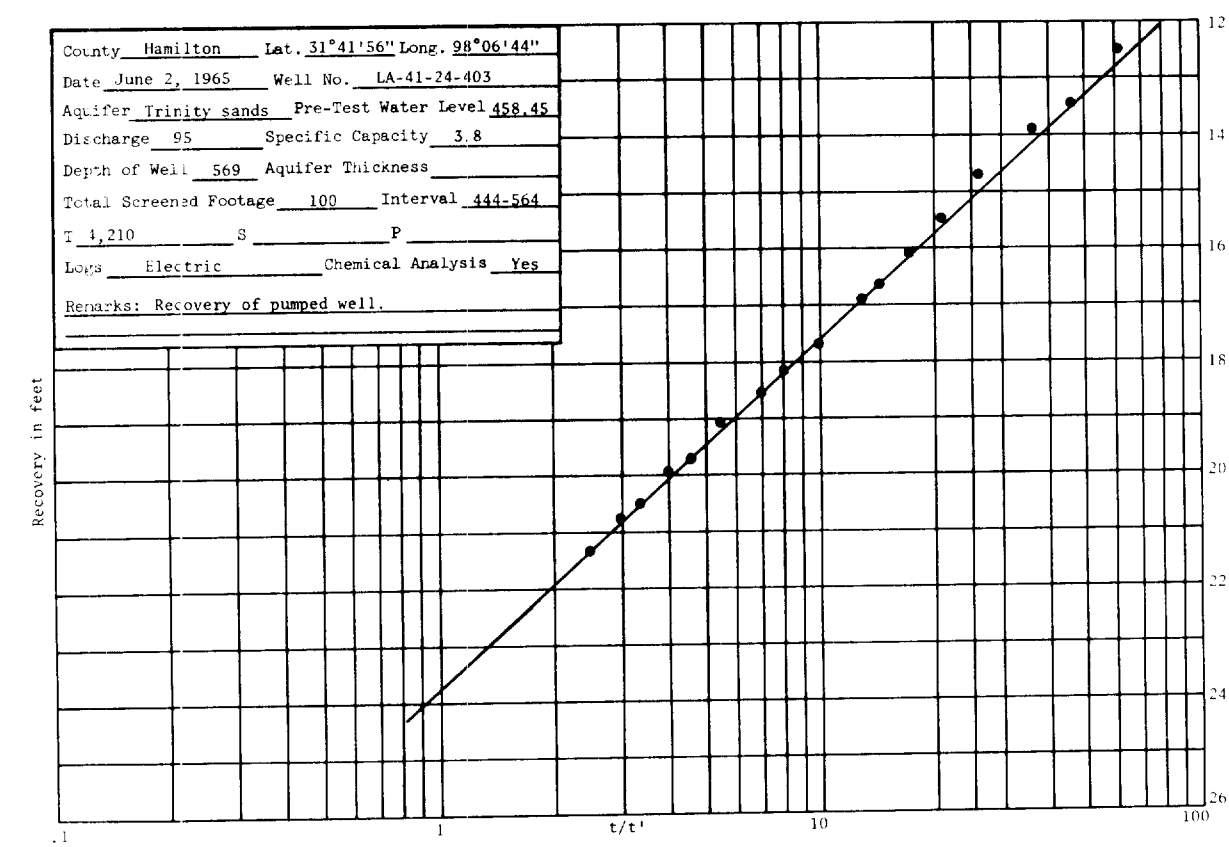

County Hale Lat. 34°12'04" Long. 101°43'02"
Date Nov. 1955-Mar. 1956 Well No.
Aquifer Ogallala Pre-Test Water Level 93.20
Discharge 600 Specific Capacity
Depth of Well 215 Aquifer Thickness
Total Screened Footage Interval
T 37,000 S .14 P
Logs None Chemical Analysis No
Remarks: Drawdown in observation well.
0
2
4
6
8
10
100
1,000
t
10,000
100,000
1,000,000
Drawdown in feet

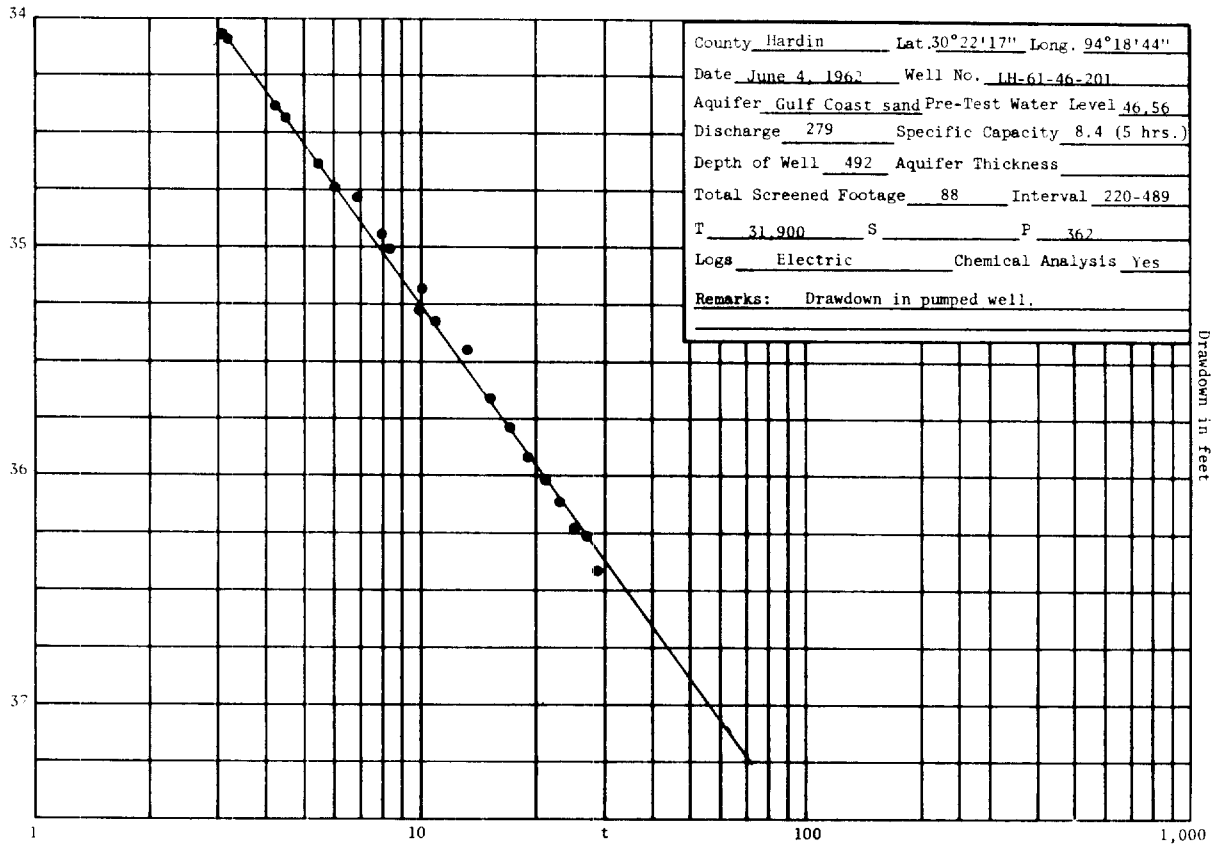

County Hamilton Lat. 31°59'14" Long. 98°01'53"
Date Jan. 11, 1965 Well No. LA-41-08-301
Aquifer Trinity sands Pre-Test Water Level 196.94
Discharge 167 Specific Capacity 6.5 (11 hrs.)
Depth of Well 600 Aquifer Thickness
Total Screened Footage ? Interval ?
T 14,000 S P
Logs None Chemical Analysis Yes
Remarks: Drawdown in pumped well.
14
16
18
20
22
24
26
28
1
10
t
100
1,000
Drawdown in feet

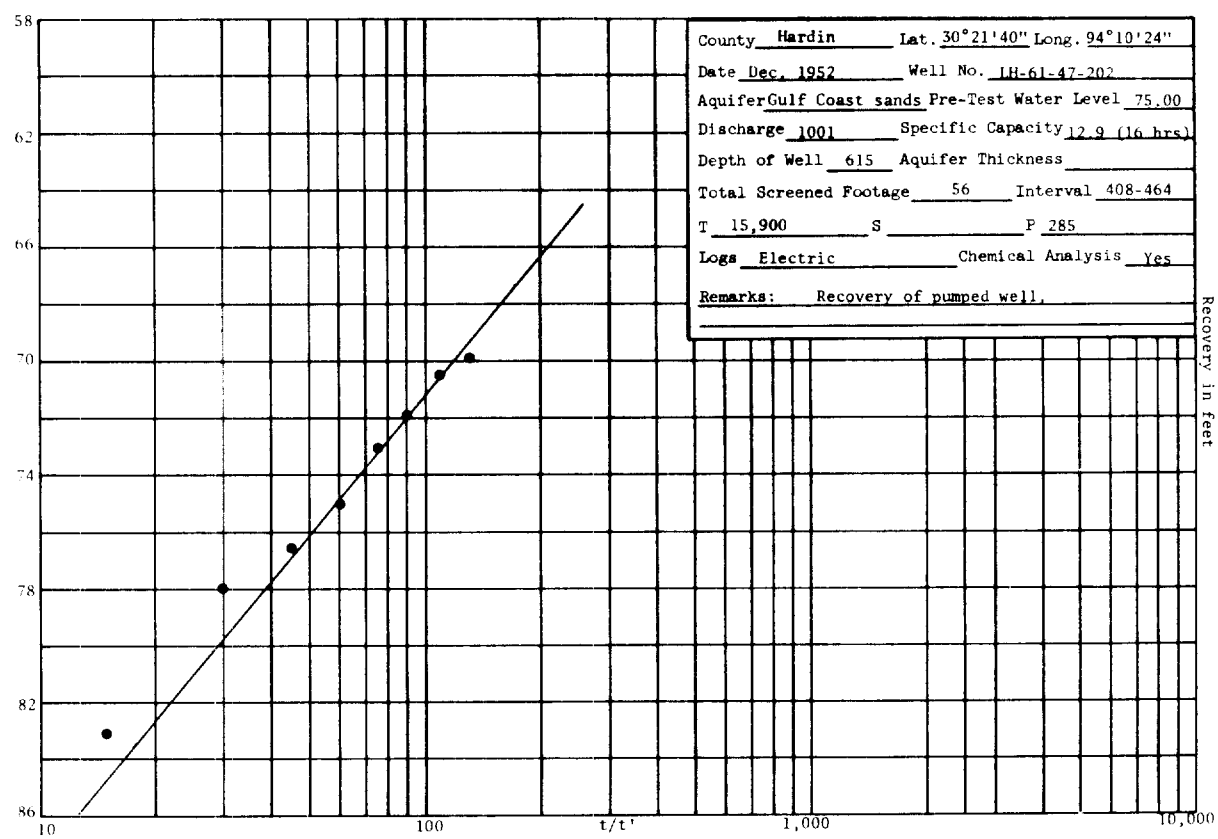

10^3
10^4
r^2/t
10^5
10^6
100
10
1
Drawdown in feet
County Hamilton Lat. 31°59'14" Long. 98°01'53"
Date Jan. 1, 1965 Well No. LA-41-08-302
Aquifer Trinity sands Pre-Test Water Level 198.47
Discharge .67 Specific Capacity
Depth of Well 365 Aquifer Thickness
Total Screened Footage ? Interval ?
T 11,600 S .0008 P
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in observation well.

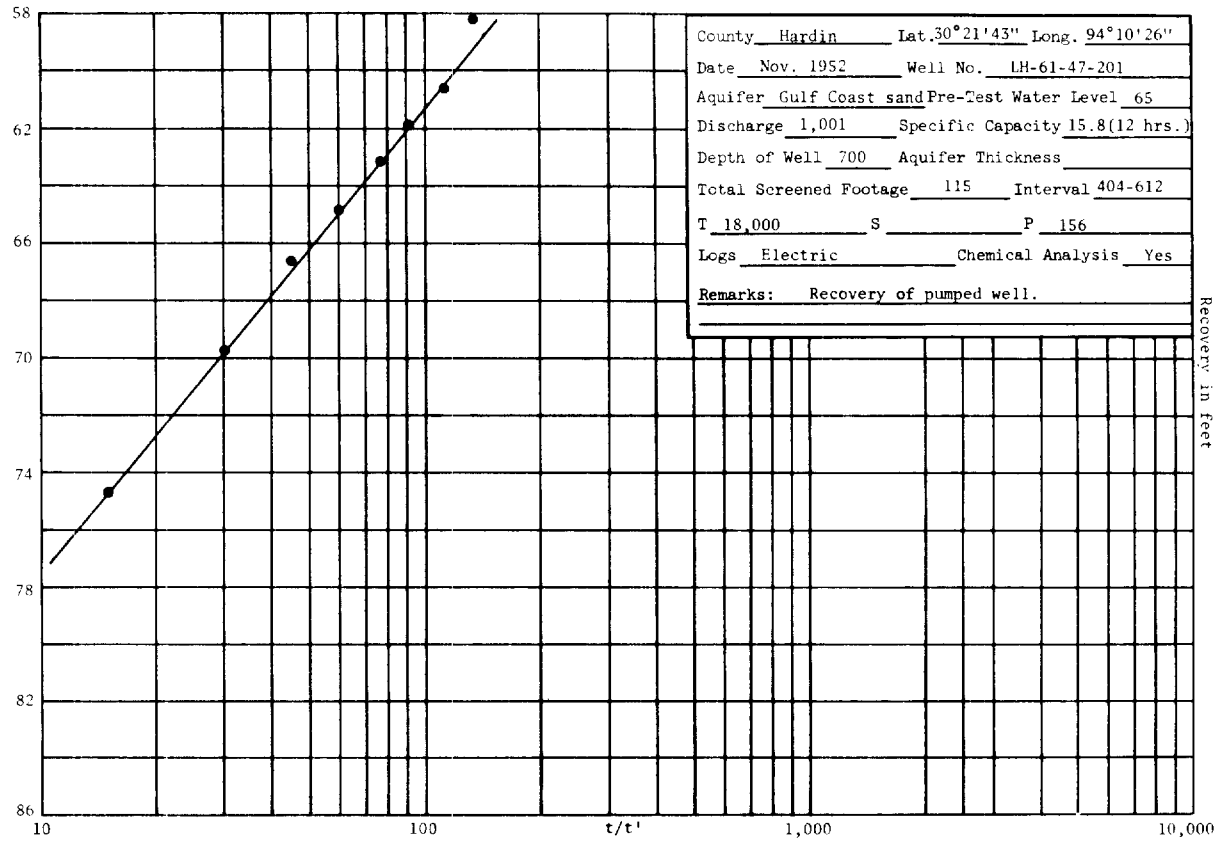

County Hamilton Lat. 31°42'20" Long. 98°07'19"
Date May 17, 1965 Well No. LA-41-24-401
Aquifer Trinity sands Pre-Test Water Level 363.70
Discharge 103 Specific Capacity 2.4 (6 hrs.)
Depth of Well 601 Aquifer Thickness
Total Screened Footage ? Interval
T 1,780 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
0
5
10
15
20
25
30
1
10
t/t'
100
1,000

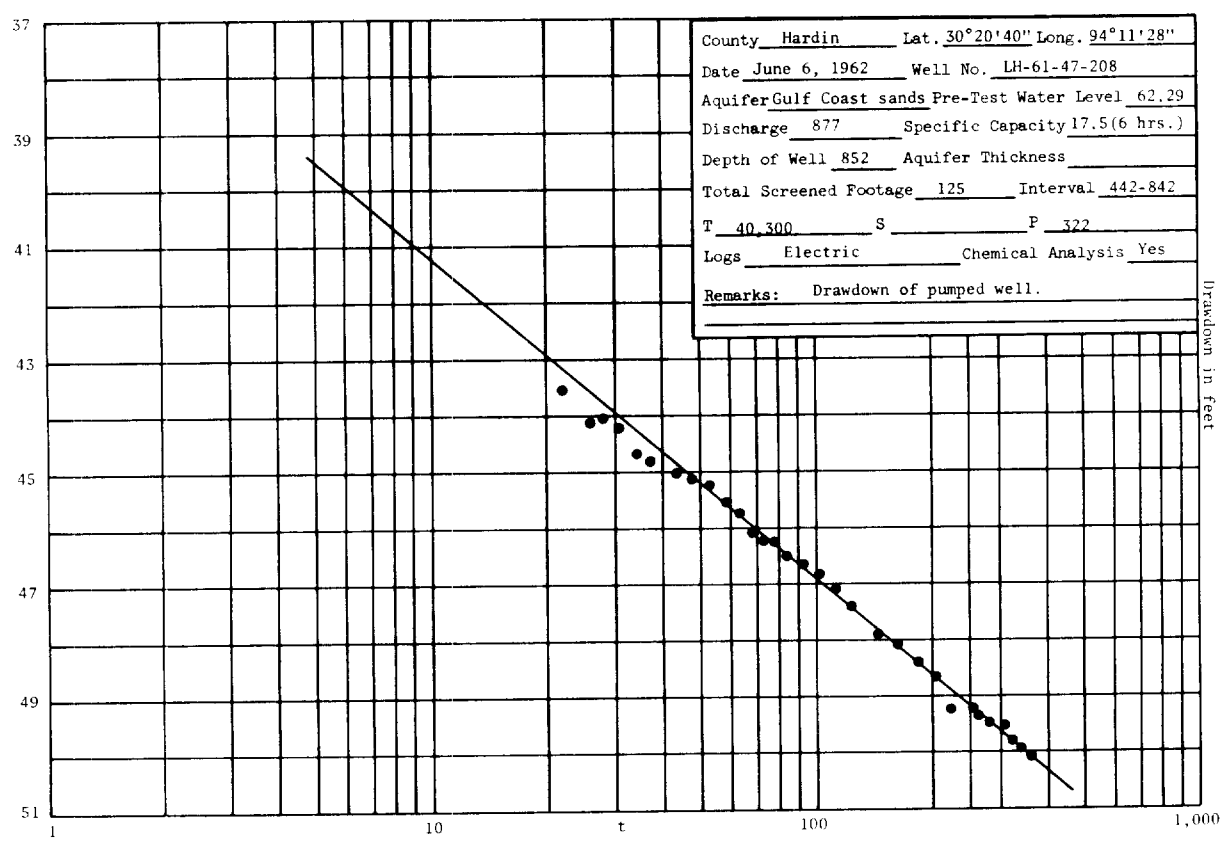

15
17
19
21
23
25
27
29
1
10
t
100
1,000
Drawdown in feet
County Hansford Lat. 36°12'28" Long. 101°08'04"
Date Mar. 11, 1953 Well No.
Aquifer Ogallala Pre-Test Water Level 273.5
Discharge 880 Specific Capacity 31 (3 hrs.)
Depth of Well 468 Aquifer Thickness
Total Screened Footage Interval
T 43,000 S P
Logs None Chemical Analysis No
Remarks: Drawdown in pumped well.

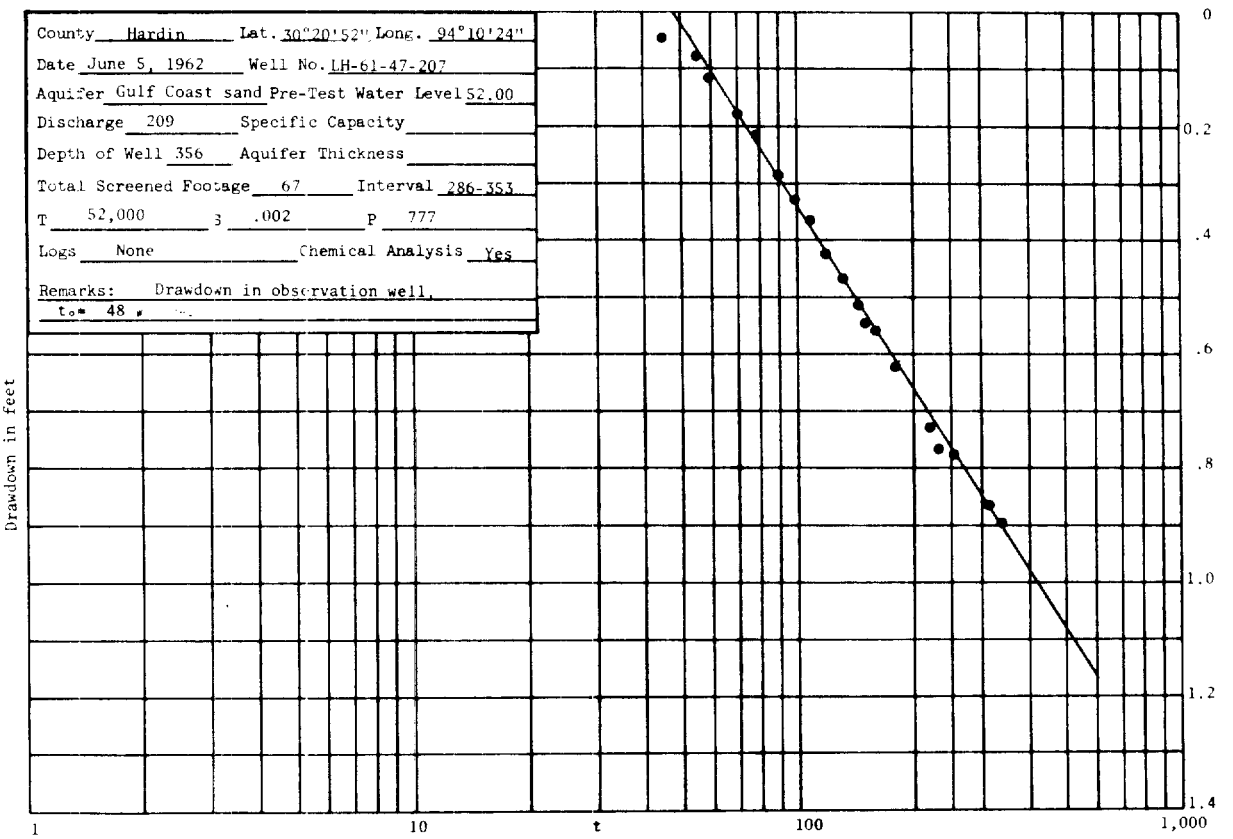

12
14
16
18
20
22
24
26
.1
1
t/t'
10
100
Recovery in feet
County Hamilton Lat. 31°41'56" Long. 98°06'44"
Date June 2, 1965 Well No. LA-41-24-403
Aquifer Trinity sands Pre-Test Water Level 458.45
Discharge 95 Specific Capacity 3.8
Depth of Well 569 Aquifer Thickness
Total Screened Footage 100 Interval 444-564
T 1,210 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

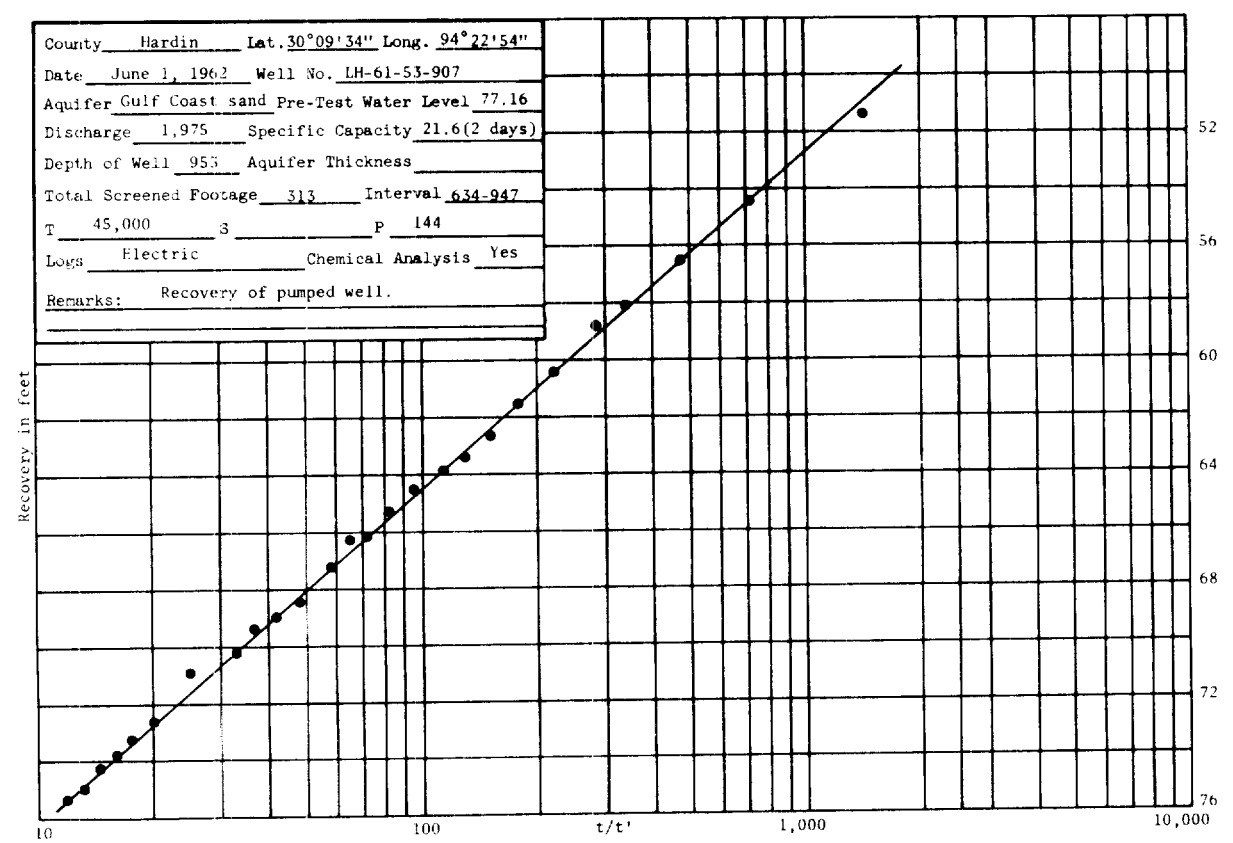

34
35
36
37
1
10
t
100
1,000
Drawdown in feet
County Hardin Lat. 30°22'17" Long. 94°18'44"
Date June 4, 1962 Well No. LH-61-46-201
Aquifer Gulf Coast sand Pre-Test Water Level 46.56
Discharge 279 Specific Capacity 8.4 (5 hrs.)
Depth of Well 492 Aquifer Thickness
Total Screened Footage 88 Interval 220-489
T 31,900 S P 362
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.

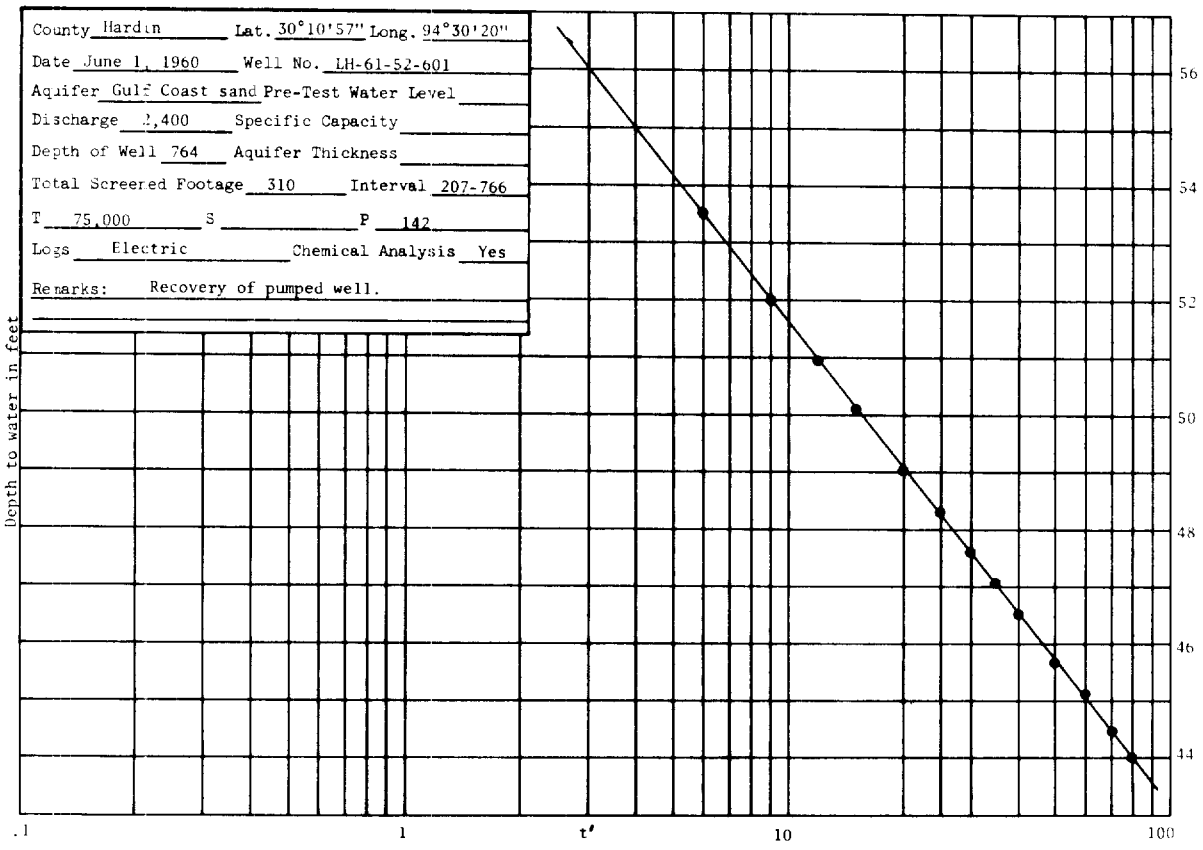

58
62
66
70
74
78
82
86
10
100
t/t'
1,000
10,000
Recovery in feet
County Hardin Lat. 30°21'40" Long. 94°10'24"
Date Dec. 1952 Well No. LH-61-47-202
Aquifer Gulf Coast sands Pre-Test Water Level 75.00
Discharge 1001 Specific Capacity 12.9 (16 hrs.)
Depth of Well 615 Aquifer Thickness
Total Screened Footage 56 Interval 408-464
T 15,900 S P 285
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

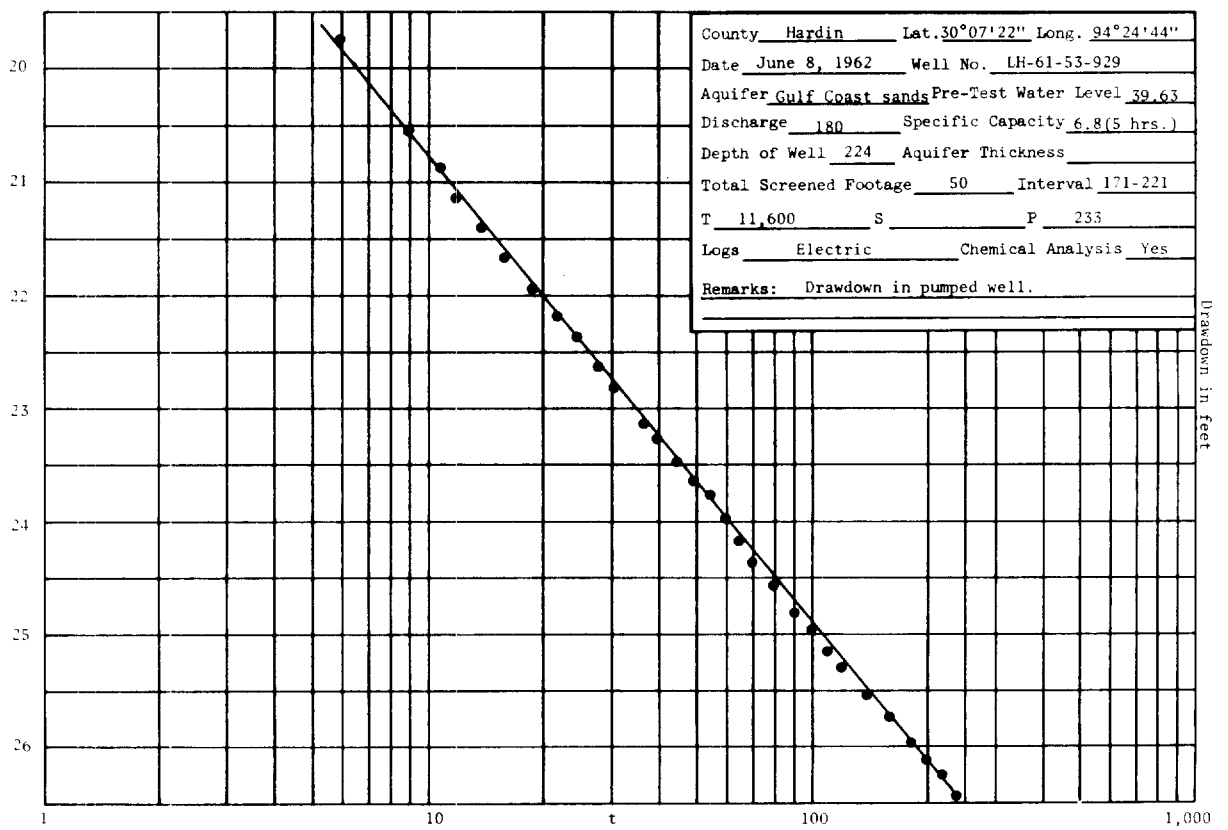

58
62
66
70
74
78
82
86
10
100
t/t'
1,000
10,000
Recovery in feet
County Hardin Lat. 30°21'43" Long. 94°10'26"
Date Nov. 1952 Well No. LH-61-47-201
Aquifer Gulf Coast sand Pre-Test Water Level 65
Discharge 1,001 Specific Capacity 15.8(12 hrs.)
Depth of Well 700 Aquifer Thickness
Total Screened Footage 115 Interval 404-612
T 18,000 S P 156
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

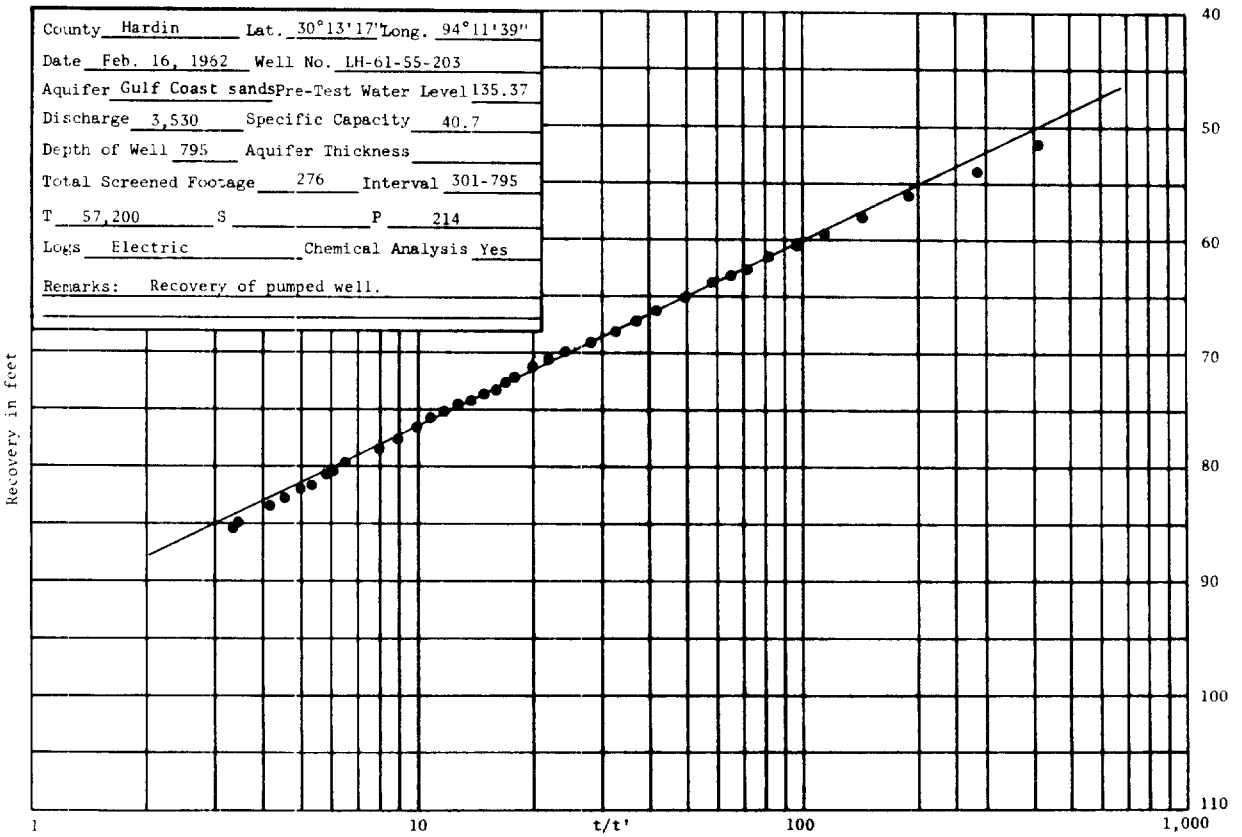

37
39
41
43
45
47
49
51
1
10
t
100
1,000
Drawdown in feet
County Hardin Lat. 30°20'40" Long. 94°11'28"
Date June 6, 1962 Well No. LH-61-47-208
Aquifer Gulf Coast sands Pre-Test Water Level 62.29
Discharge 877 Specific Capacity 17.5(6 hrs.)
Depth of Well 852 Aquifer Thickness
Total Screened Footage 125 Interval 442-842
T 40,300 S P 322
Logs Electric Chemical Analysis Yes
Remarks: Drawdown of pumped well.

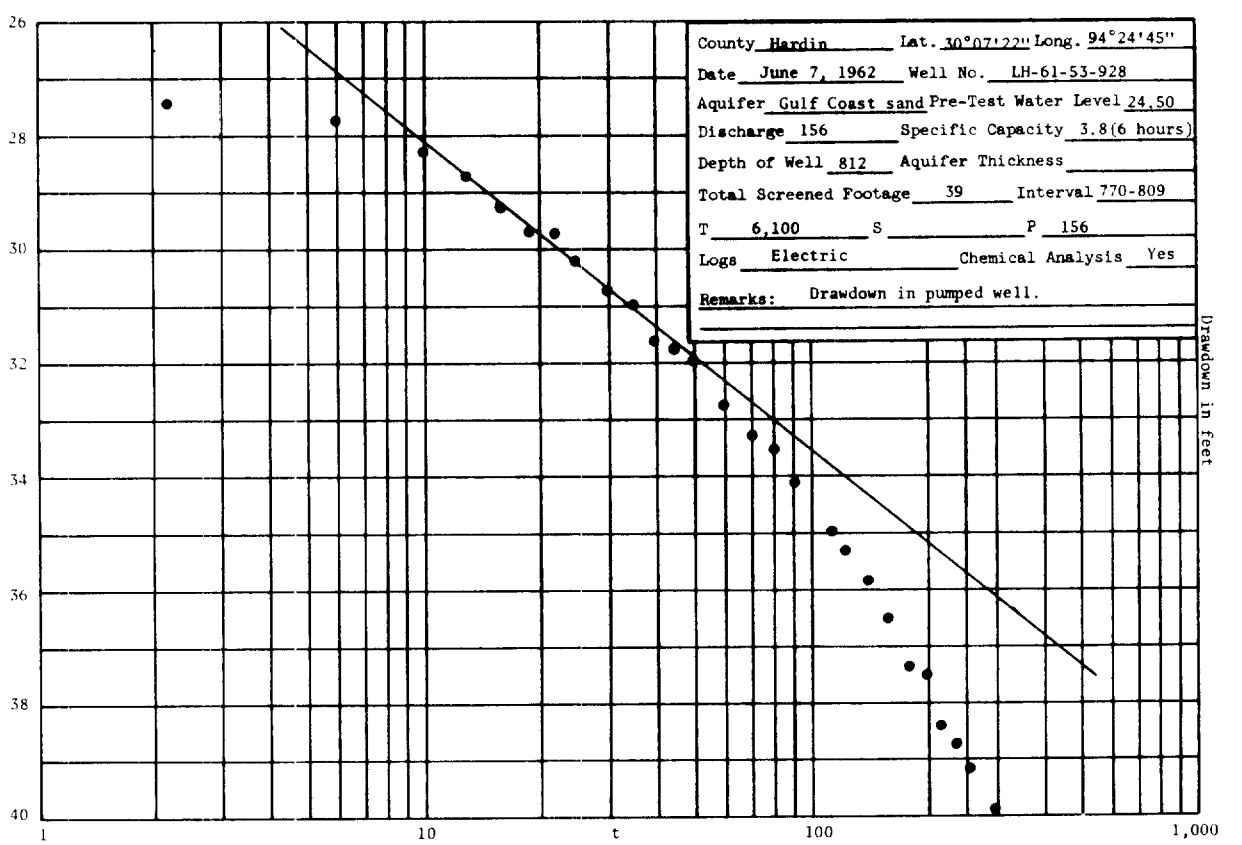

County Hardin Lat. 30°20'52" Long. 94°10'24"
Date June 5, 1962 Well No. LH-61-47-207
Aquifer Gulf Coast sand Pre-Test Water Level 52.00
Discharge 209 Specific Capacity
Depth of Well 356 Aquifer Thickness
Total Screened Footage 67 Interval 286-353
T 52,000 S .002 P 777
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well,
to= 48 "
Drawdown in feet
0
0.2
.4
.6
.8
1.0
1.2
1.4
1
10
t
100
1,000

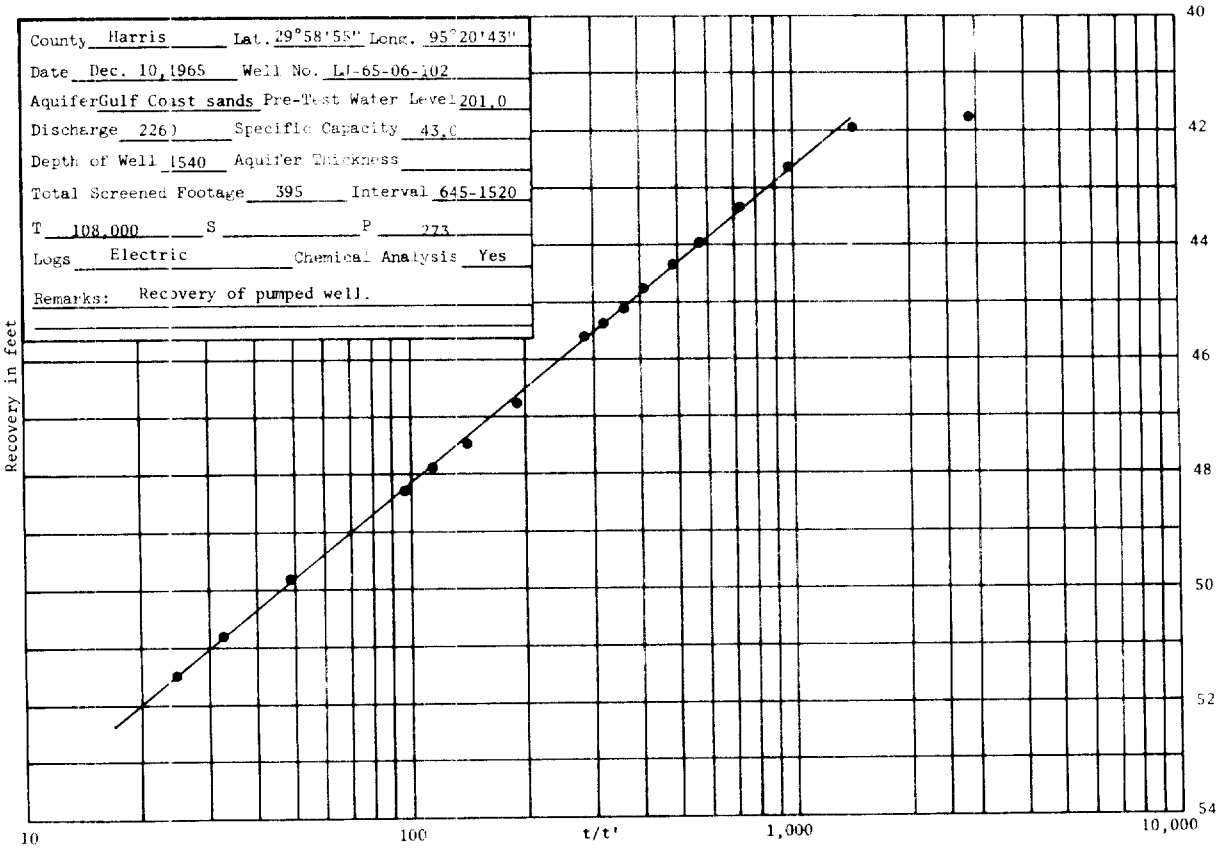

County Hardin Lat. 30°09'34" Long. 94°22'54"
Date June 1, 1962 Well No. LH-61-53-907
Aquifer Gulf Coast sand Pre-Test Water Level 77.16
Discharge 1,975 Specific Capacity 21.6(2 days)
Depth of Well 953 Aquifer Thickness
Total Screened Footage 313 Interval 634-947
T 45,000 S P 144
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
52
56
60
64
68
72
76
10
100
t/t'
1,000
10,000

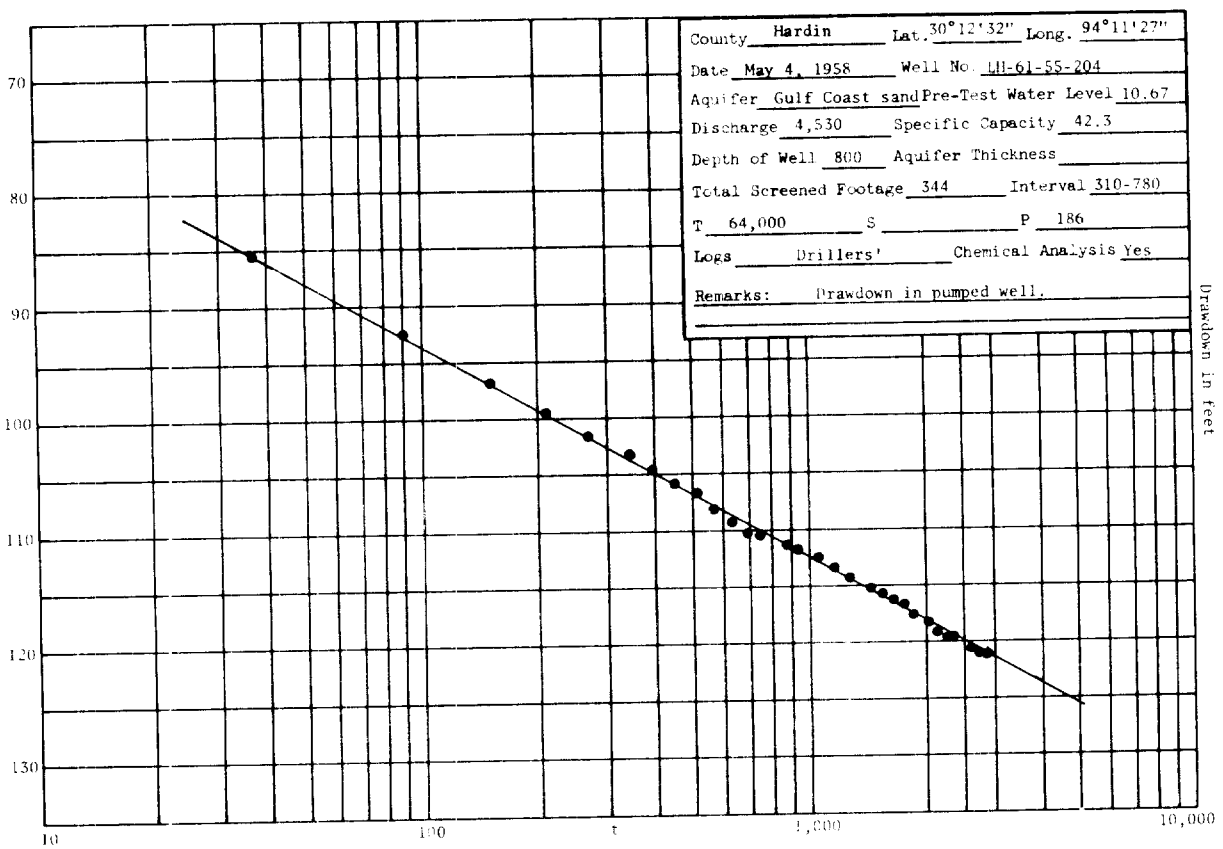

County Hardin Lat. 30°10'57" Long. 94°30'20"
Date June 1, 1960 Well No. LH-61-52-601
Aquifer Gulf Coast sand Pre-Test Water Level
Discharge 2,400 Specific Capacity
Depth of Well 764 Aquifer Thickness
Total Screened Footage 310 Interval 207-766
T 75,000 S P 142
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
56
54
52
50
48
46
44
.1
1
t'
10
100


County Hardin Lat. 30°07'22" Long. 94°24'44"
Date June 8, 1962 Well No. LH-61-53-929
Aquifer Gulf Coast sands Pre-Test Water Level 39.63
Discharge 180 Specific Capacity 6.8(5 hrs.)
Depth of Well 224 Aquifer Thickness
Total Screened Footage 50 Interval 171-221
T 11,600 S P 233
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
Drawdown in feet
20
21
22
23
24
25
26
1
10
t
100
1,000

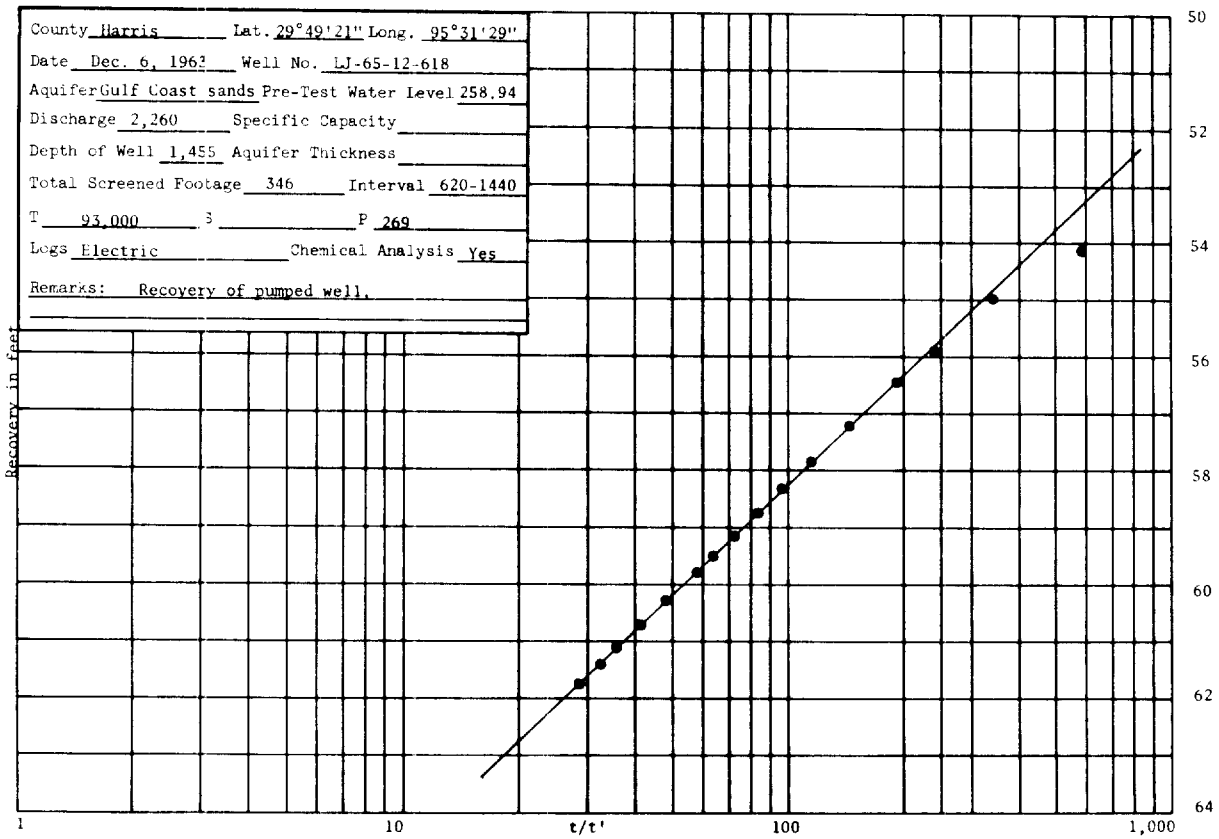

County Hardin Lat. 30°13'17" Long. 94°11'39"
Date Feb. 16, 1962 Well No. LH-61-55-203
Aquifer Gulf Coast sands Pre-Test Water Level 135.37
Discharge 3,530 Specific Capacity 40.7
Depth of Well 795 Aquifer Thickness
Total Screened Footage 276 Interval 301-795
T 57,200 S P 214
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
40
50
60
70
80
90
100
110
1
10
t/t'
100
1,000


County Hardin Lat. 30°07'22" Long. 94°24'45"
Date June 7, 1962 Well No. LH-61-53-928
Aquifer Gulf Coast sand Pre-Test Water Level 24.50
Discharge 156 Specific Capacity 3.8(6 hours)
Depth of Well 812 Aquifer Thickness
Total Screened Footage 39 Interval 770-809
T 6,100 S P 156
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in pumped well.
Drawdown in feet
26
28
30
32
34
36
38
40
1
10
t
100
1,000

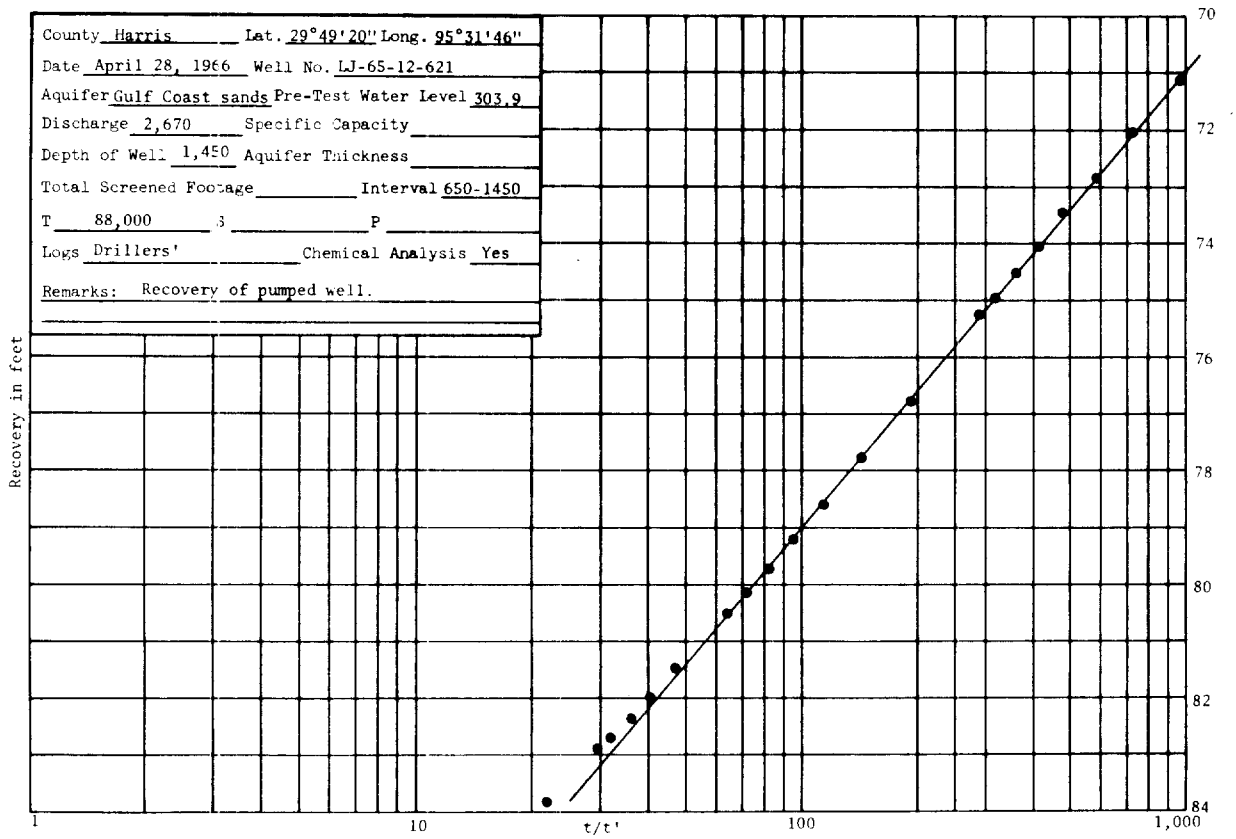

County Harris Lat. 29°58'55" Long. 95°20'43"
Date Dec. 10, 1965 Well No. LH-65-06-102
Aquifer Gulf Coast sands Pre-Test Water Level 201.0
Discharge 2261 Specific Capacity 43.0
Depth of Well 1540 Aquifer Thickness
Total Screened Footage 395 Interval 645-1520
T 108,000 S P 273
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
40
42
44
46
48
50
52
54
10
100
t/t'
1,000
10,000

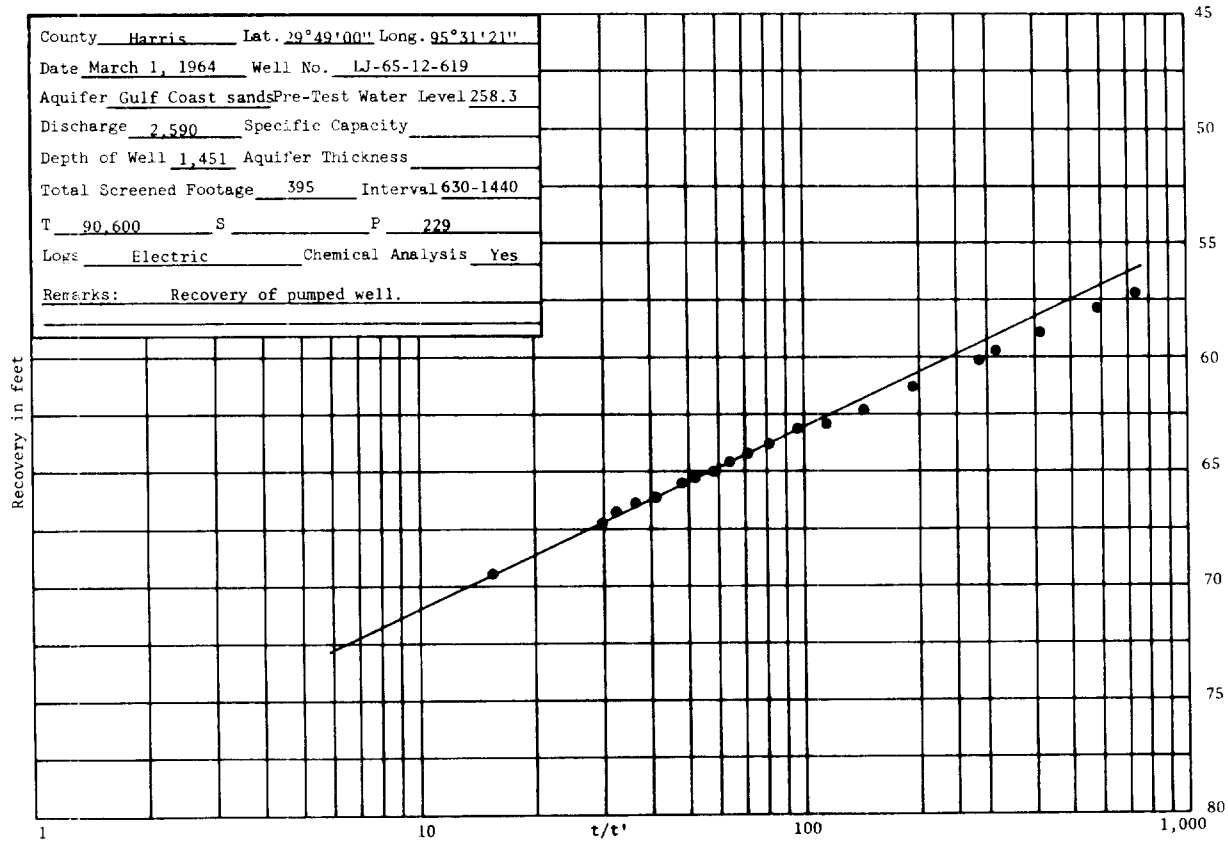

County Hardin Lat. 30°12'32" Long. 94°11'27"
Date May 4, 1958 Well No. LH-61-55-204
Aquifer Gulf Coast sand Pre-Test Water Level 10.67
Discharge 4,530 Specific Capacity 42.3
Depth of Well 800 Aquifer Thickness
Total Screened Footage 344 Interval 310-780
T 64,000 S P 186
Logs Drillers' Chemical Analysis Yes
Remarks: Drawdown in pumped well.
Drawdown in feet
70
80
90
100
110
120
130
10
100
t
1,000
10,000

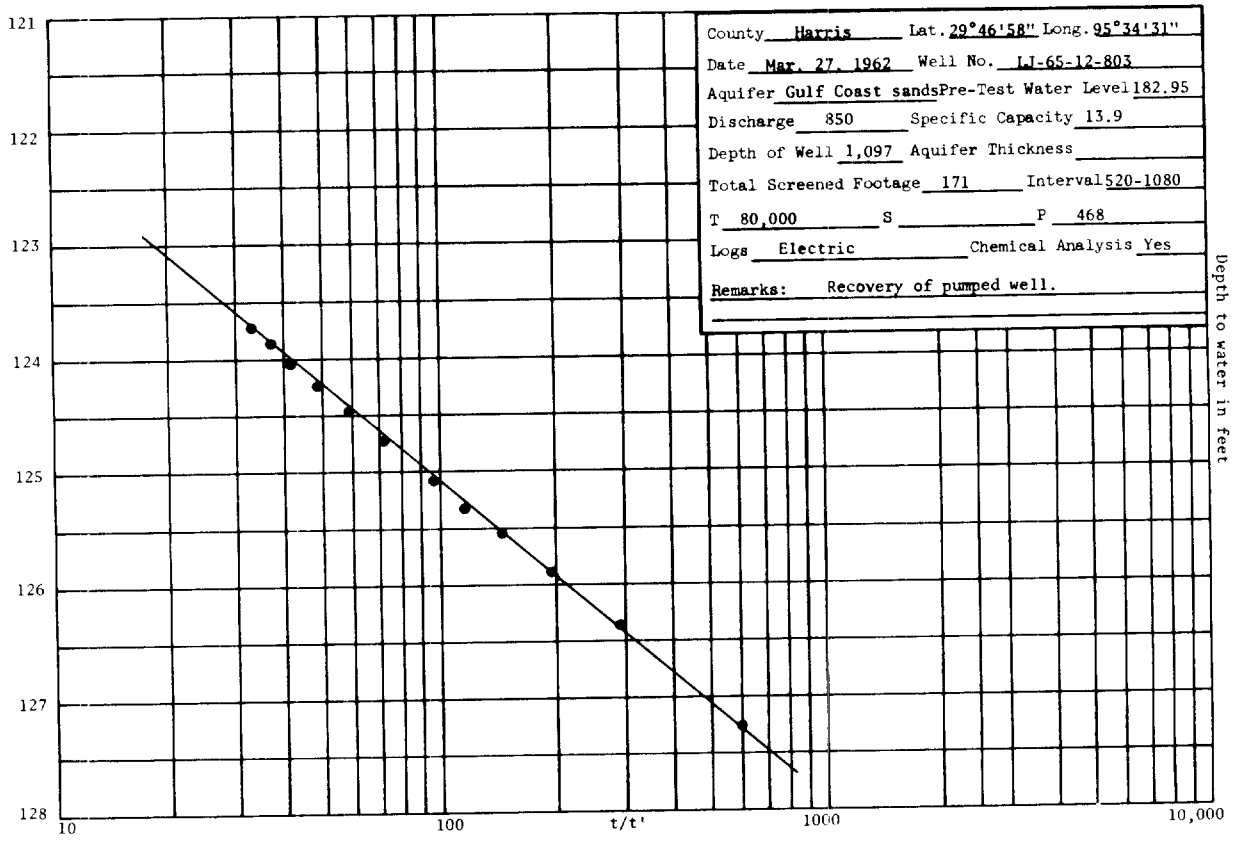
County Harris Lat. 29°49'21" Long. 95°31'29"
Date Dec. 6, 1962 Well No. LJ-65-12-618
Aquifer Gulf Coast sands Pre-Test Water Level 258.94
Discharge 2,260 Specific Capacity
Depth of Well 1,455 Aquifer Thickness
Total Screened Footage 346 Interval 620-1440
T 93,000 S P 269
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

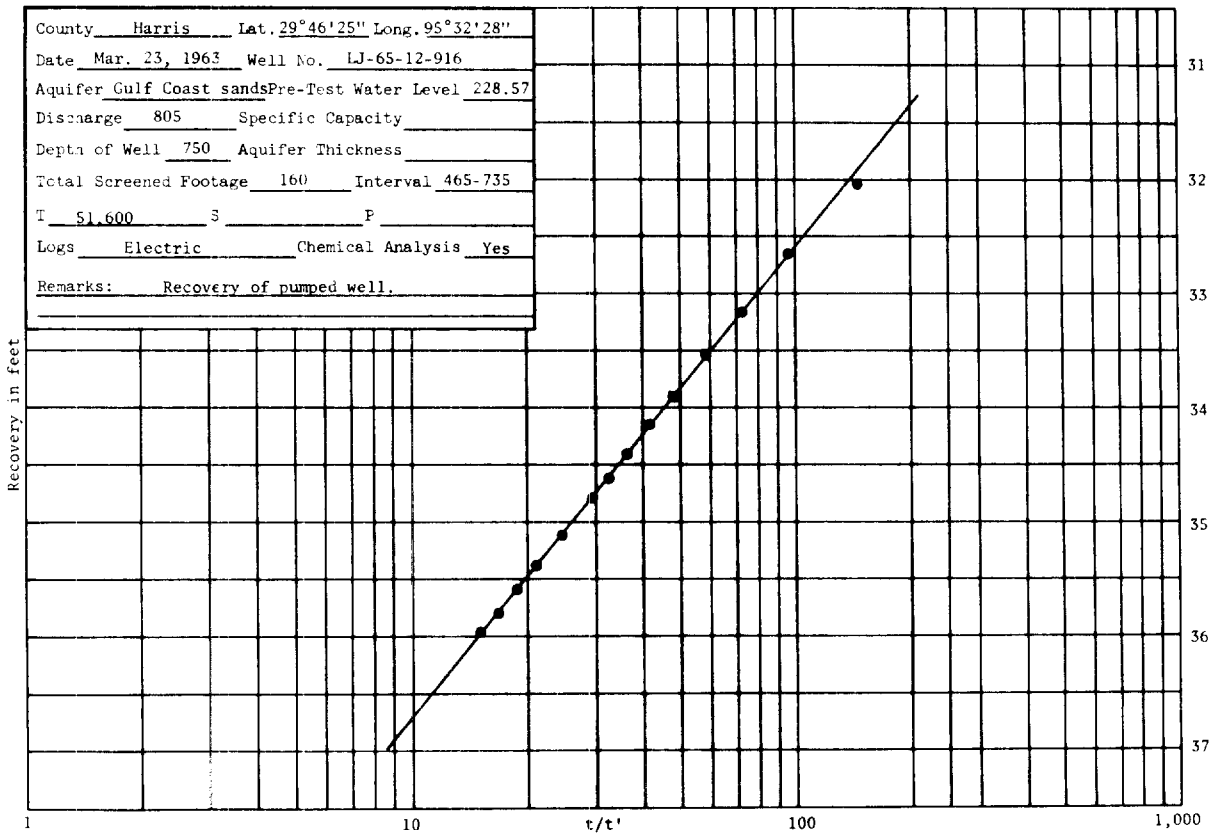


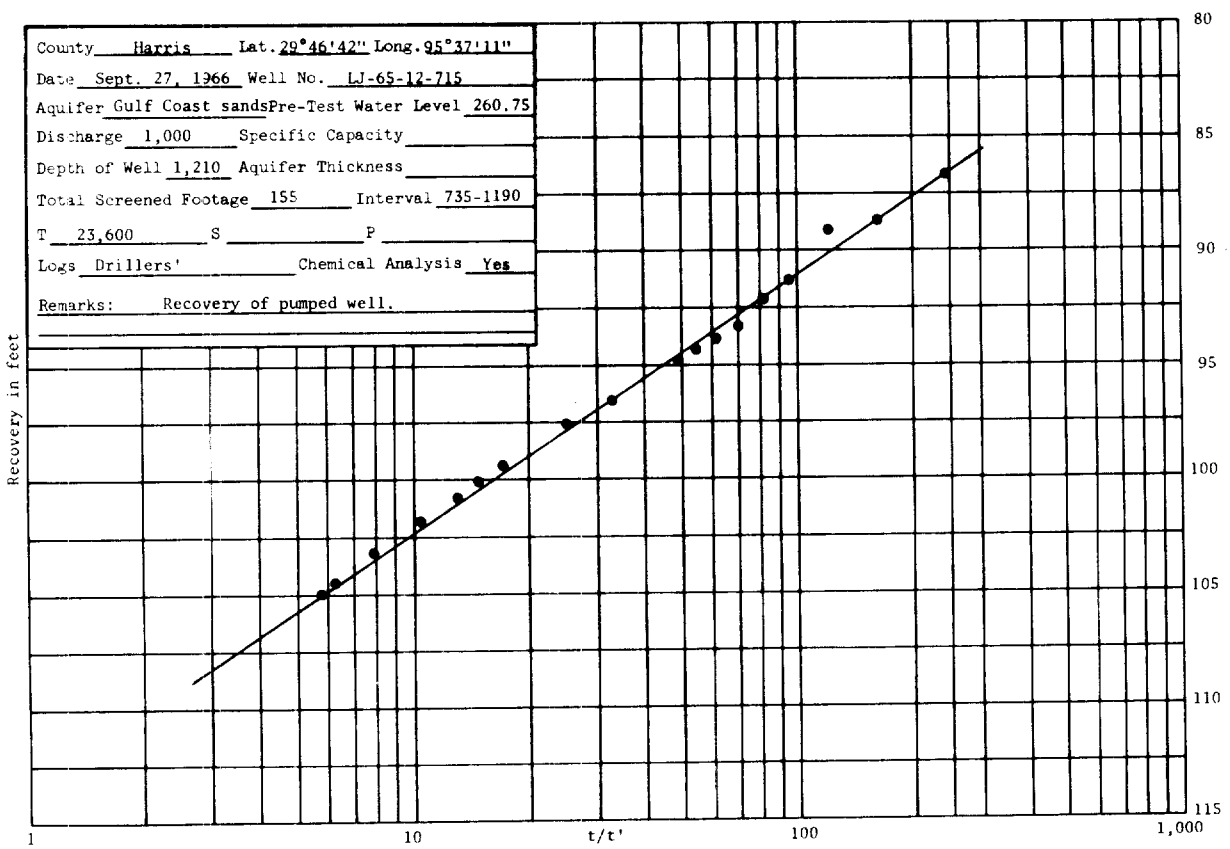
County Harris Lat. 29°49'20" Long. 95°31'46"
Date April 28, 1966 Well No. LJ-65-12-621
Aquifer Gulf Coast sands Pre-Test Water Level 303.9
Discharge 2,670 Specific Capacity
Depth of Well 1,450 Aquifer Thickness
Total Screened Footage Interval 650-1450
T 88,000 S P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.

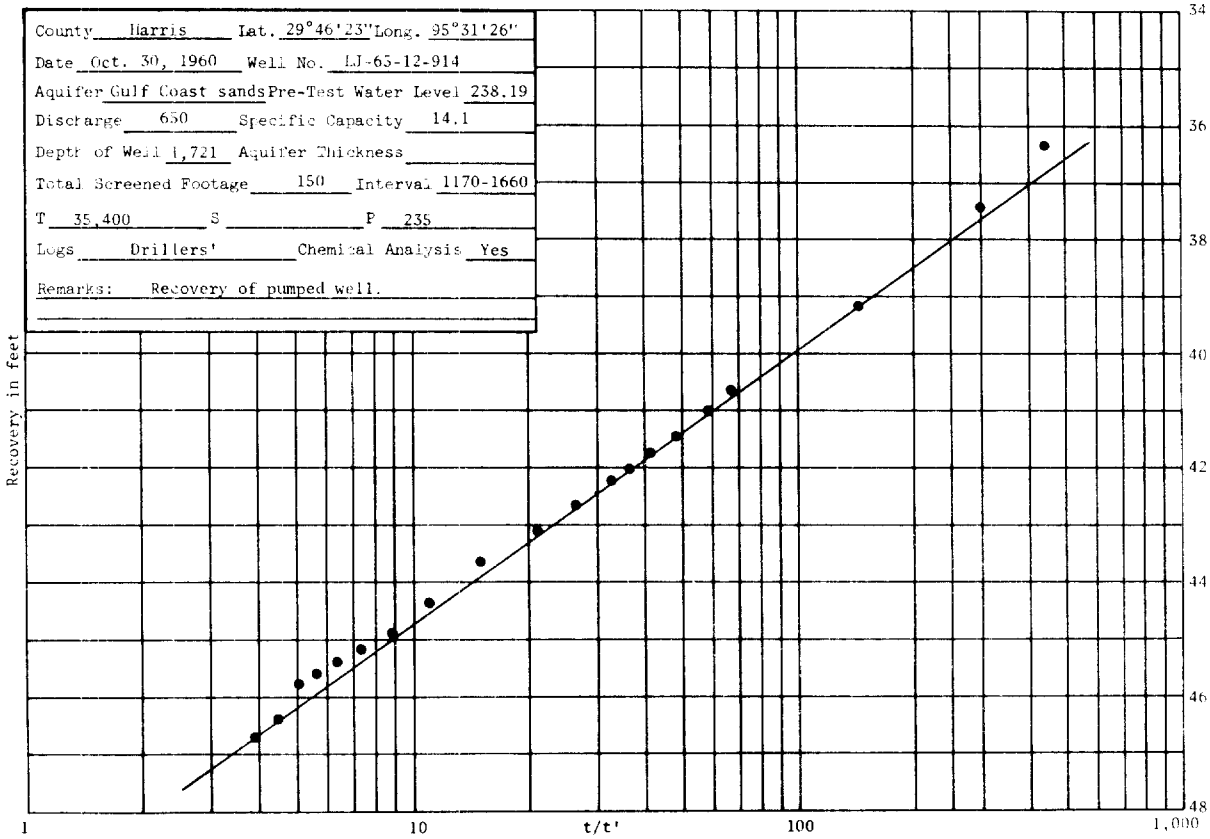


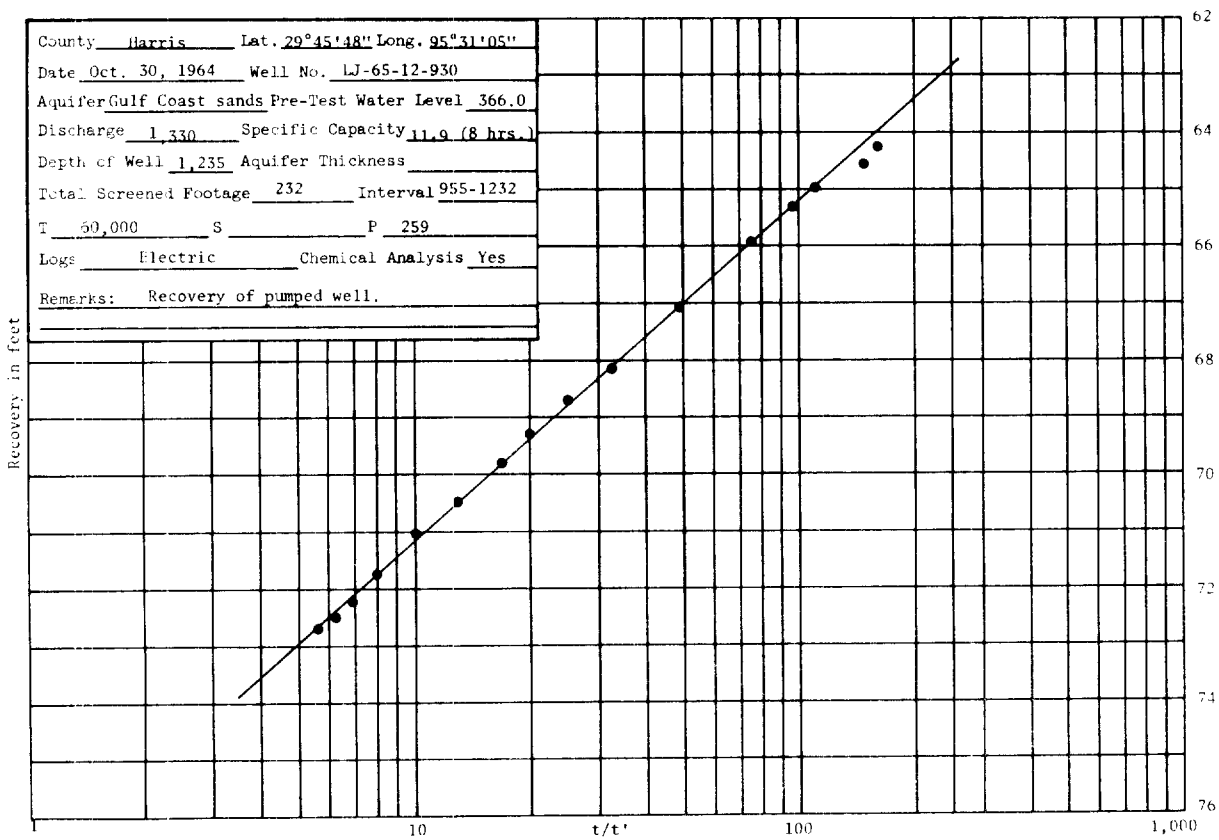

County Harris Lat. 29°49'00" Long. 95°31'21"
Date March 1, 1964 Well No. LJ-65-12-619
Aquifer Gulf Coast sands Pre-Test Water Level 258.3
Discharge 2,590 Specific Capacity
Depth of Well 1,451 Aquifer Thickness
Total Screened Footage 395 Interval 630-1440
T 90,600 S P 229
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
45
50
55
60
65
70
75
80
1
10
t/t'
100
1,000

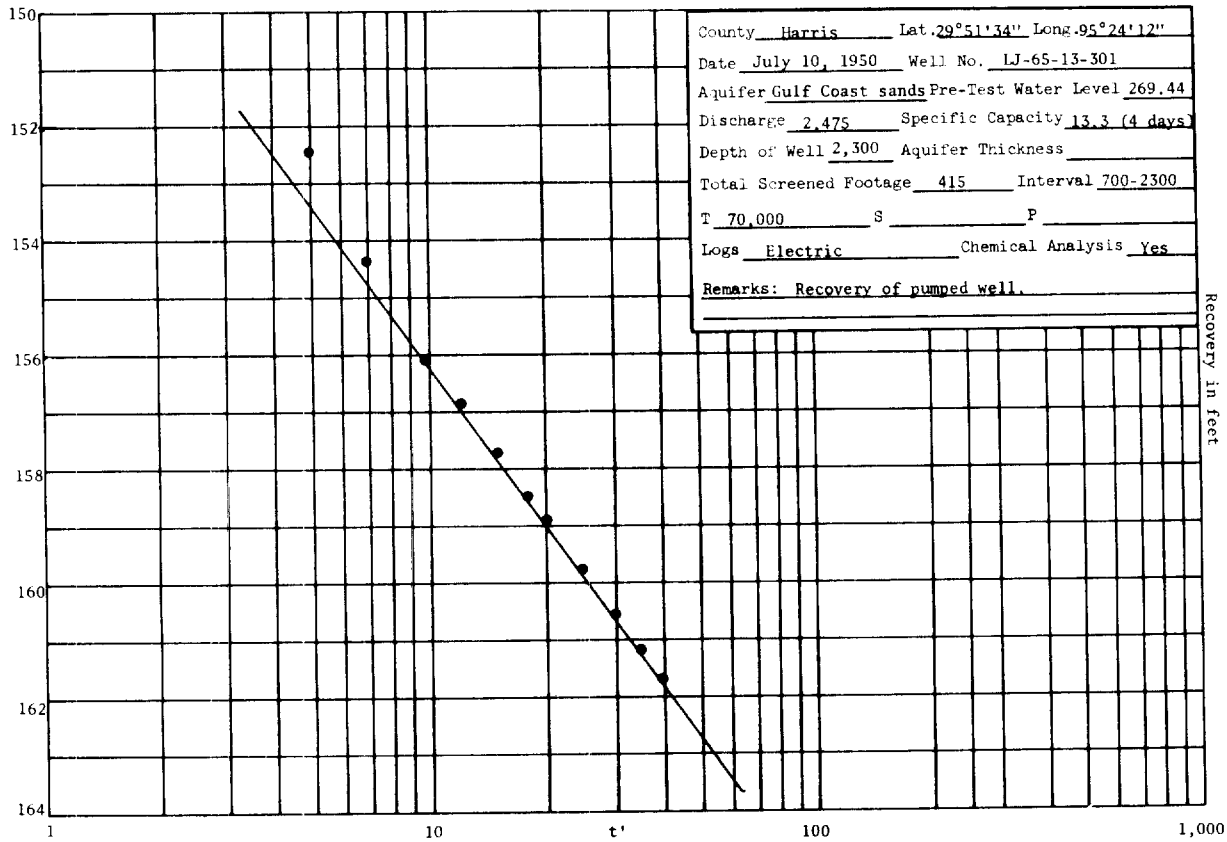

County Harris Lat. 29°46'58" Long. 95°34'31"
Date Mar. 27, 1962 Well No. LJ-65-12-803
Aquifer Gulf Coast sands Pre-Test Water Level 182.95
Discharge 850 Specific Capacity 13.9
Depth of Well 1,097 Aquifer Thickness
Total Screened Footage 171 Interval 520-1080
T 80,000 S P 468
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
121
122
123
124
125
126
127
128
10
100
t/t'
1000
10,000

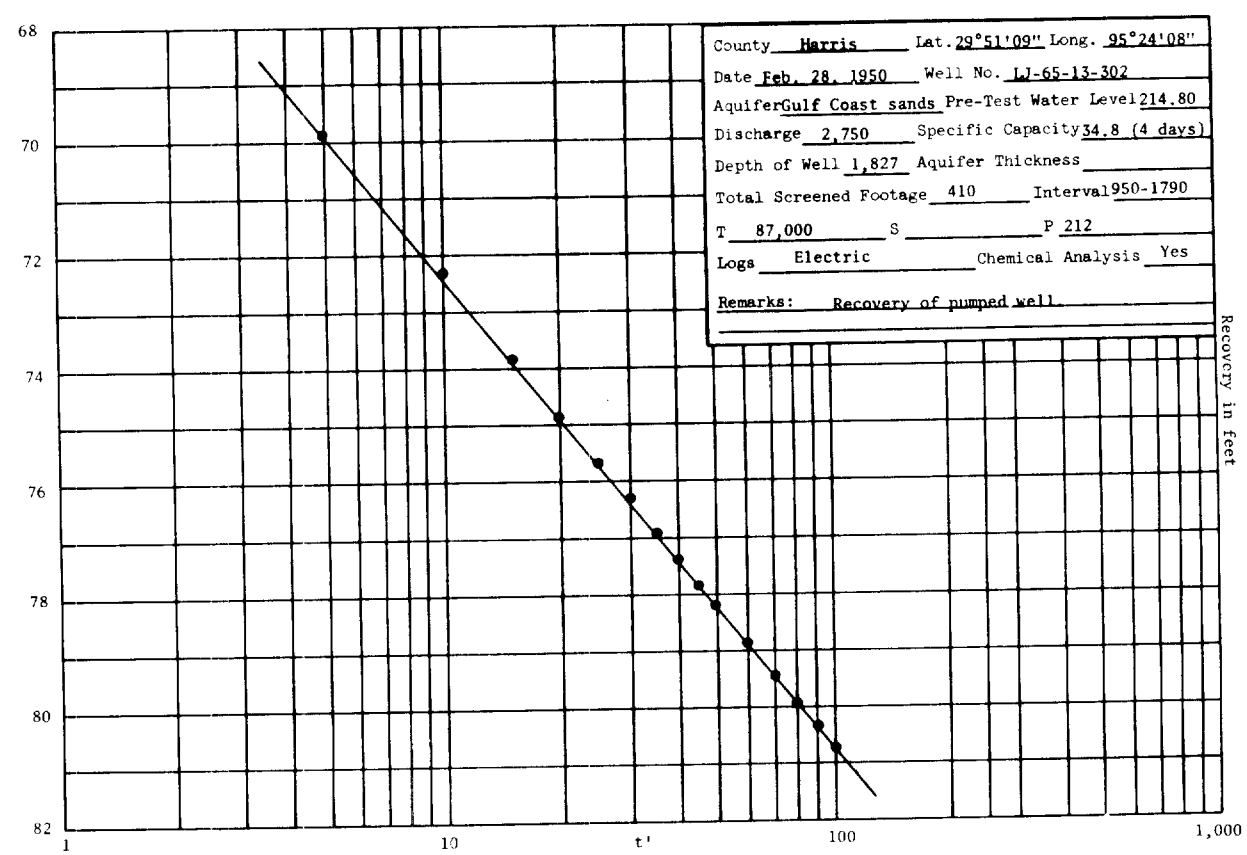

County Harris Lat. 29°46'25" Long. 95°32'28"
Date Mar. 23, 1963 Well No. LJ-65-12-916
Aquifer Gulf Coast sands Pre-Test Water Level 228.57
Discharge 805 Specific Capacity
Depth of Well 750 Aquifer Thickness
Total Screened Footage 160 Interval 465-735
T 51,600 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
31
32
33
34
35
36
37
1
10
t/t'
100
1,000

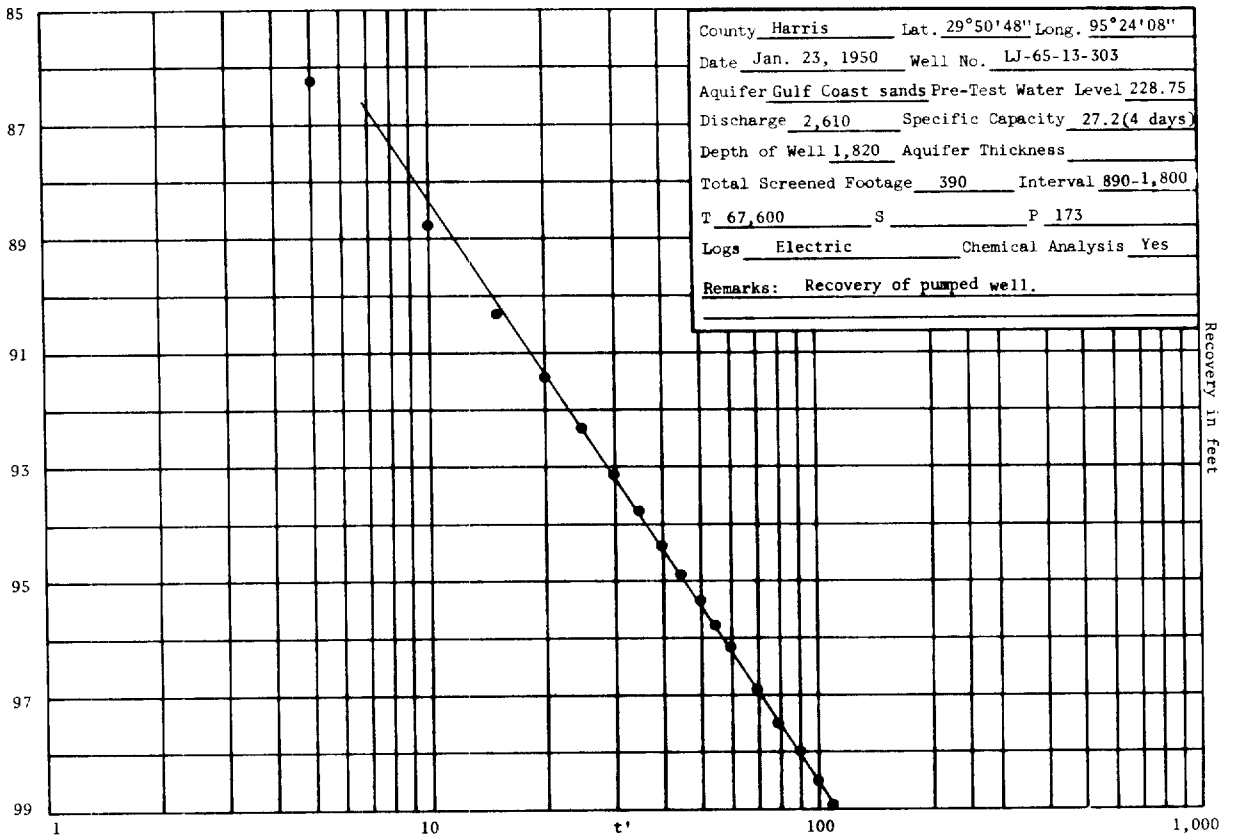

County Harris Lat. 29°46'42" Long. 95°37'11"
Date Sept. 27, 1966 Well No. LJ-65-12-715
Aquifer Gulf Coast sands Pre-Test Water Level 260.75
Discharge 1,000 Specific Capacity
Depth of Well 1,210 Aquifer Thickness
Total Screened Footage 155 Interval 735-1190
T 23,600 S P
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
80
85
90
95
100
105
110
115
1
10
t/t'
100
1,000

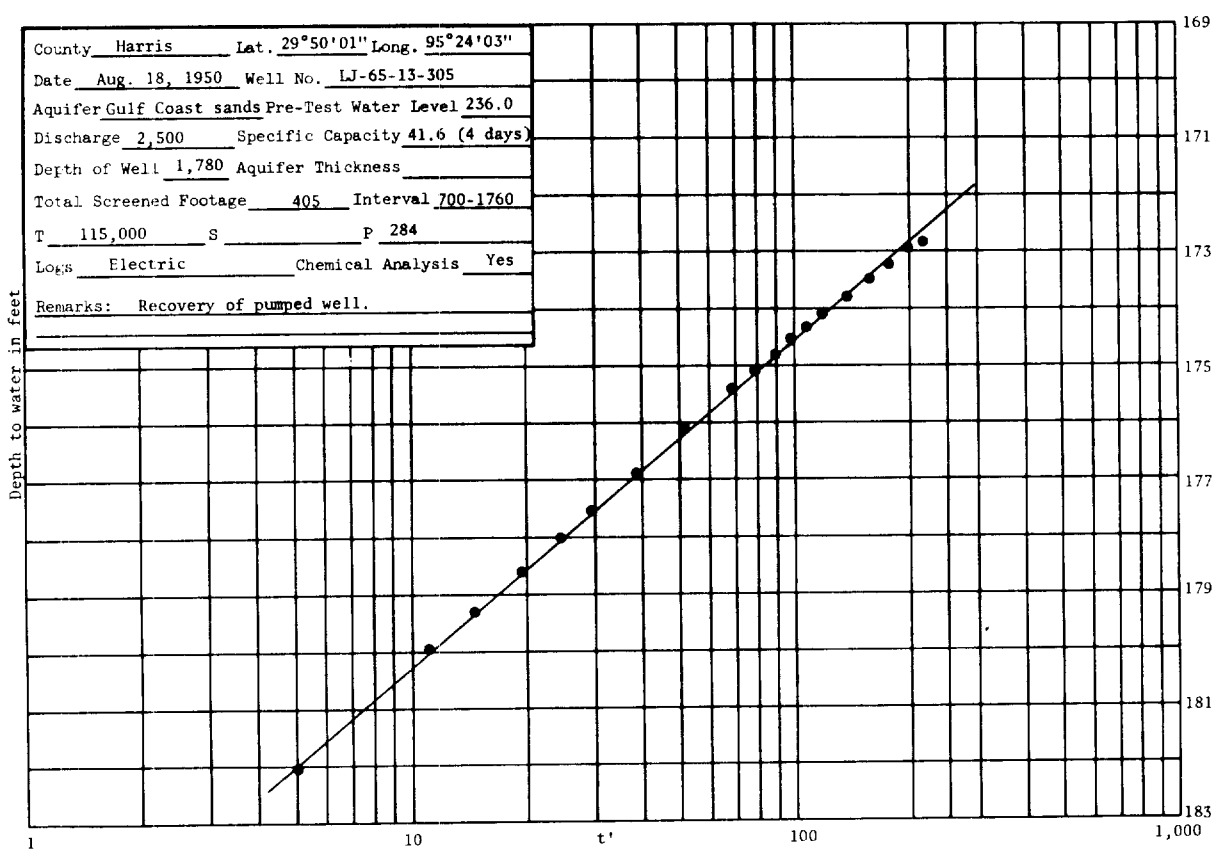

County Harris Lat. 29°46'23" Long. 95°31'26"
Date Oct. 30, 1960 Well No. LJ-65-12-914
Aquifer Gulf Coast sands Pre-Test Water Level 238.19
Discharge 650 Specific Capacity 14.1
Depth of Well 1,721 Aquifer Thickness
Total Screened Footage 150 Interval 1170-1660
T 35,400 S P 235
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
34
36
38
40
42
44
46
48
1
10
t/t'
100
1,000

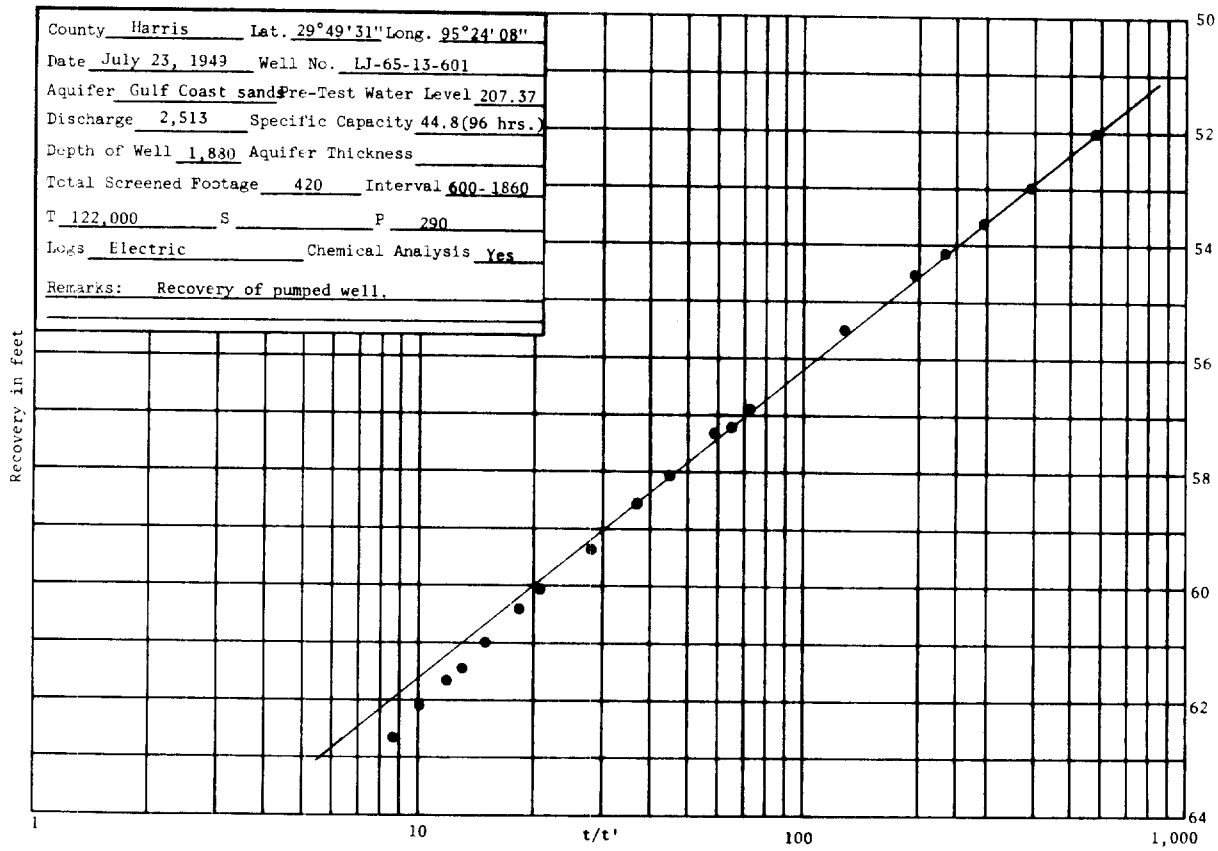

County Harris Lat. 29°45'48" Long. 95°31'05"
Date Oct. 30, 1964 Well No. LJ-65-12-930
Aquifer Gulf Coast sands Pre-Test Water Level 366.0
Discharge 1,330 Specific Capacity 11.9 (8 hrs.)
Depth of Well 1,235 Aquifer Thickness
Total Screened Footage 232 Interval 955-1232
T 60,000 S P 259
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
62
64
66
68
70
72
74
76
1
10
t/t'
100
1,000

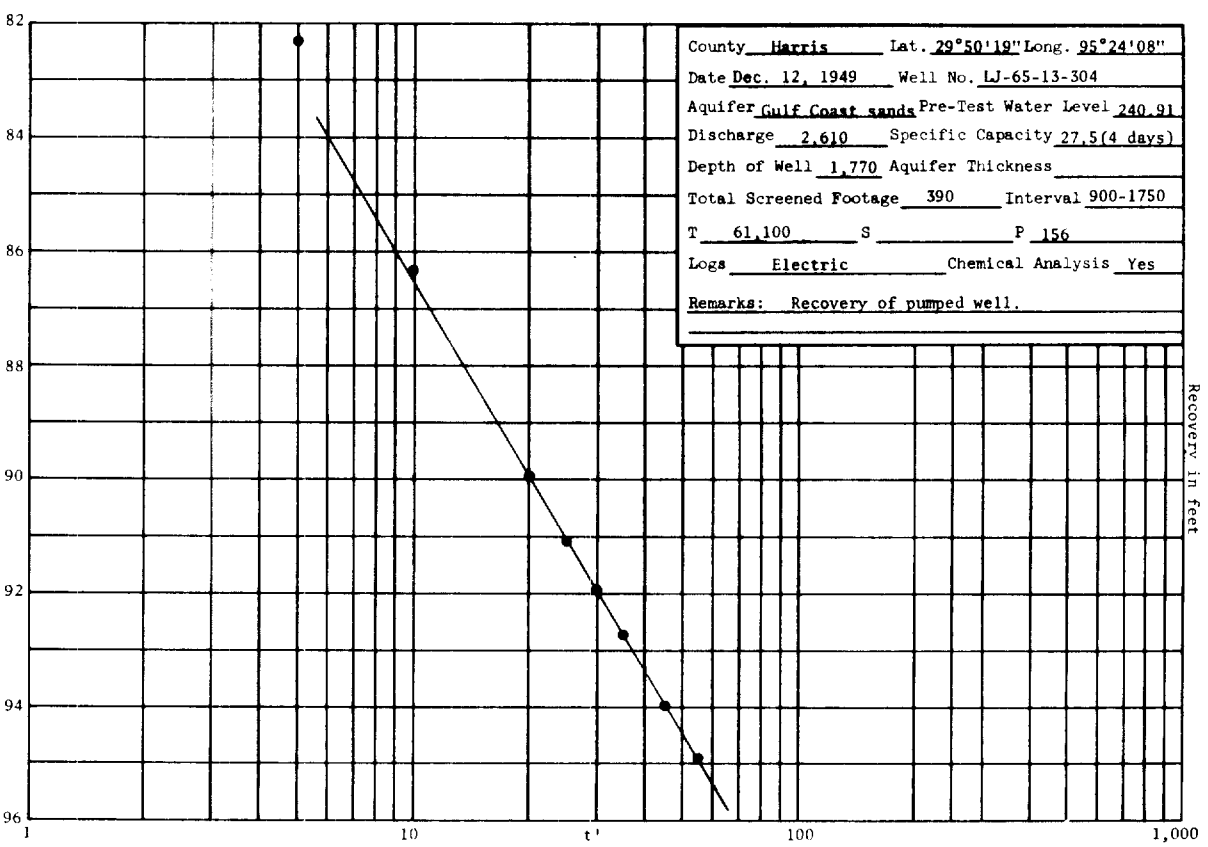

150
152
154
156
158
160
162
164
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°51'34" Long. 95°24'12"
Date July 10, 1950 Well No. LJ-65-13-301
Aquifer Gulf Coast sands Pre-Test Water Level 269.44
Discharge 2,475 Specific Capacity 13.3 (4 days)
Depth of Well 2,300 Aquifer Thickness
Total Screened Footage 415 Interval 700-2300
T 70,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

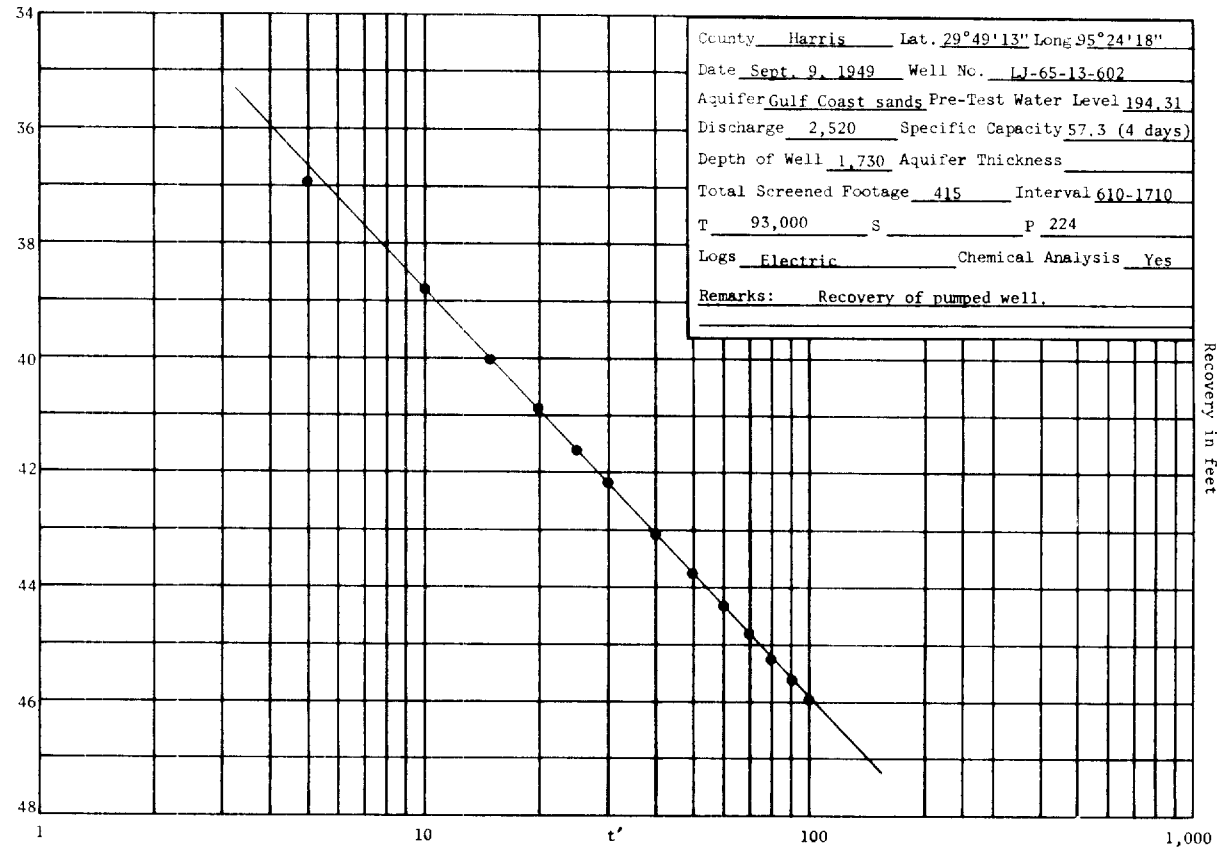

68
70
72
74
76
78
80
82
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°51'09" Long. 95°24'08"
Date Feb. 28, 1950 Well No. LJ-65-13-302
Aquifer Gulf Coast sands Pre-Test Water Level 214.80
Discharge 2,750 Specific Capacity 34.8 (4 days)
Depth of Well 1,827 Aquifer Thickness
Total Screened Footage 410 Interval 950-1790
T 87,000 S P 212
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

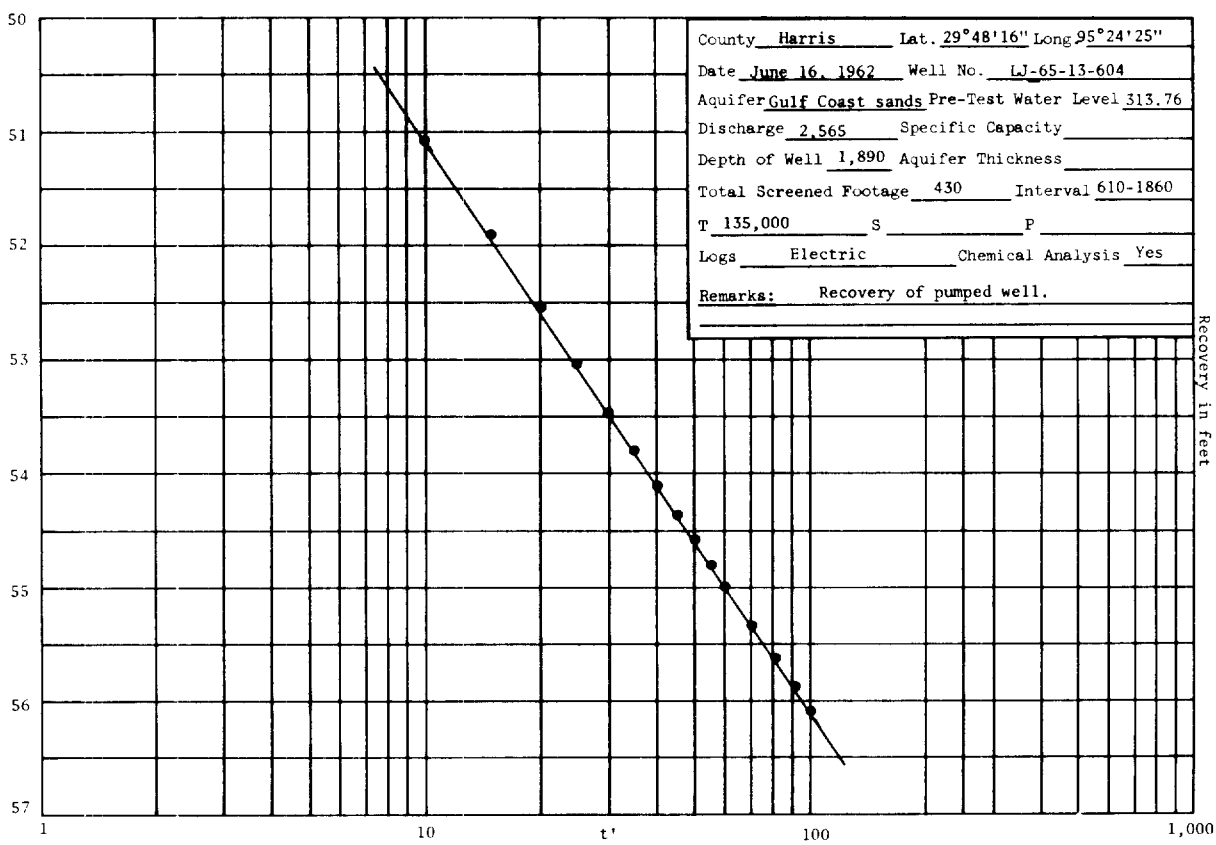

85
87
89
91
93
95
97
99
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°50'48" Long. 95°24'08"
Date Jan. 23, 1950 Well No. LJ-65-13-303
Aquifer Gulf Coast sands Pre-Test Water Level 228.75
Discharge 2,610 Specific Capacity 27.2(4 days)
Depth of Well 1,820 Aquifer Thickness
Total Screened Footage 390 Interval 890-1,800
T 67,600 S P 173
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

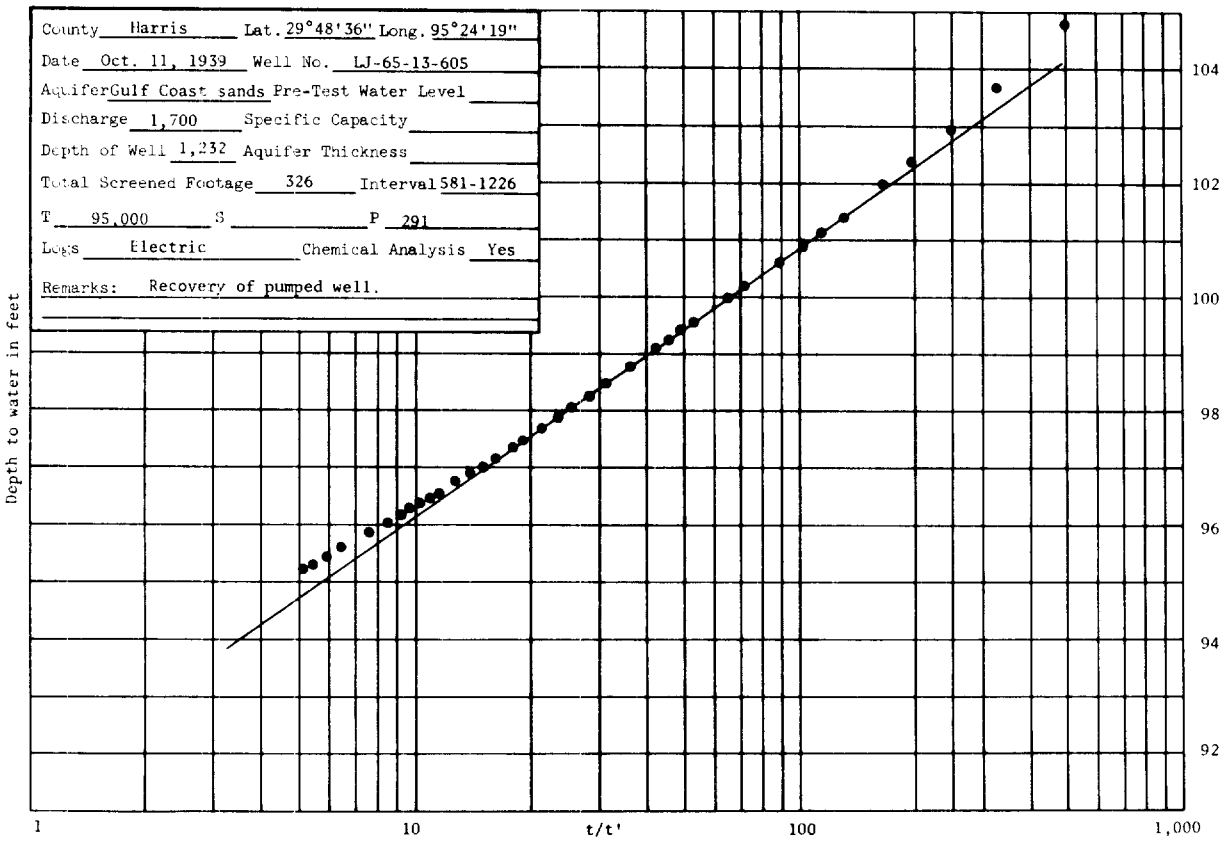

169
171
173
175
177
179
181
183
1
10
t'
100
1,000
Depth to water in feet
County Harris Lat. 29°50'01" Long. 95°24'03"
Date Aug. 18, 1950 Well No. LJ-65-13-305
Aquifer Gulf Coast sands Pre-Test Water Level 236.0
Discharge 2,500 Specific Capacity 41.6 (4 days)
Depth of Well 1,780 Aquifer Thickness
Total Screened Footage 405 Interval 700-1760
T 115,000 S P 284
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

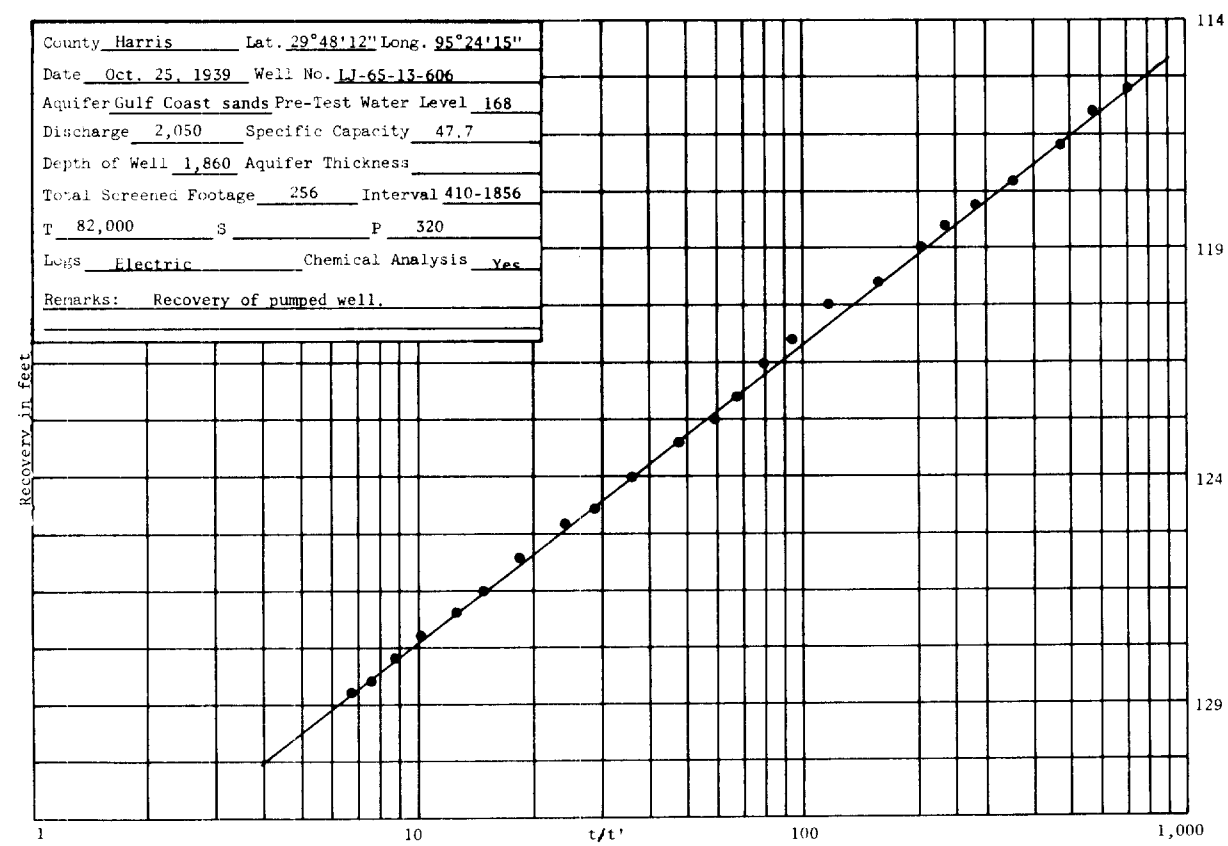

County Harris Lat. 29°49'31" Long. 95°24'08"
Date July 23, 1949 Well No. LJ-65-13-601
Aquifer Gulf Coast sands Pre-Test Water Level 207.37
Discharge 2,513 Specific Capacity 44.8(96 hrs.)
Depth of Well 1,880 Aquifer Thickness
Total Screened Footage 420 Interval 600-1860
T 122,000 S P 290
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
50
52
54
56
58
60
62
64
1
10
t/t'
100
1,000

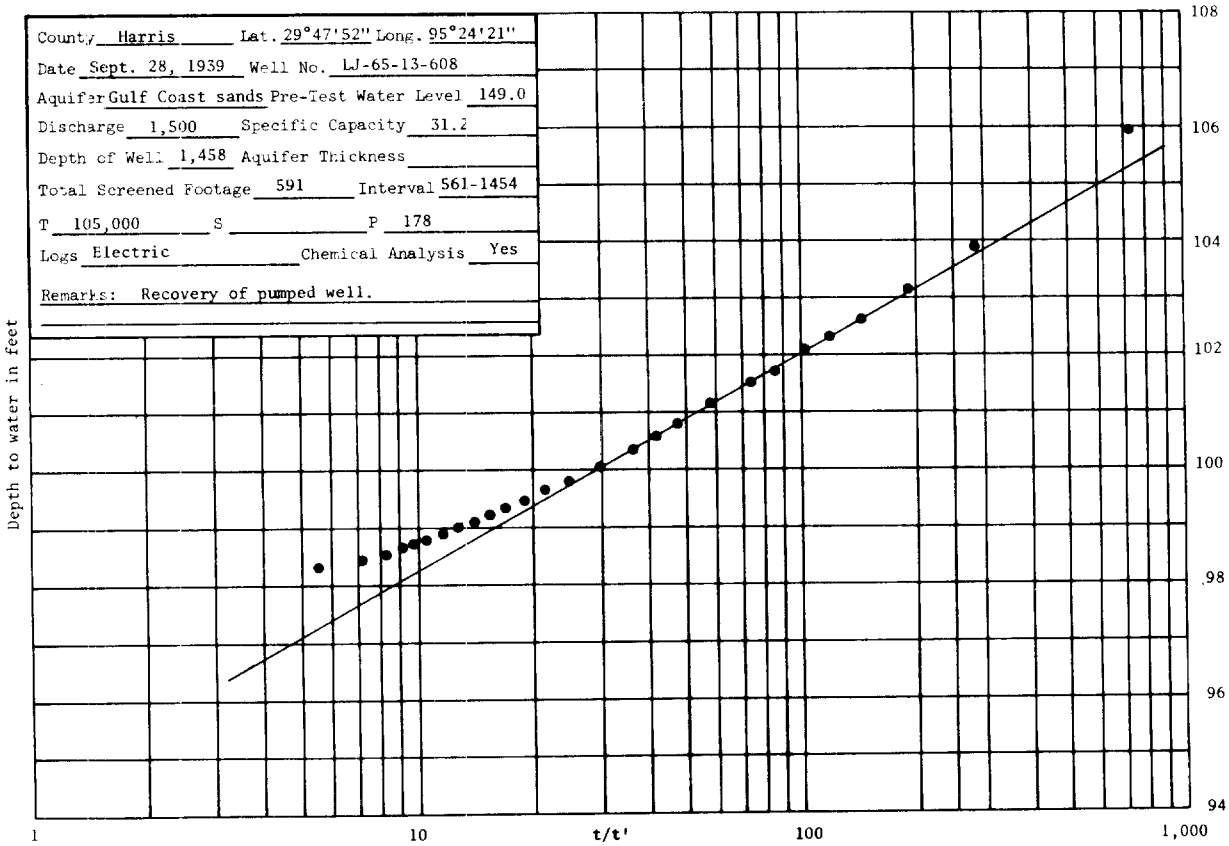

County Harris Lat. 29°50'19" Long. 95°24'08"
Date Dec. 12, 1949 Well No. LJ-65-13-304
Aquifer Gulf Coast sands Pre-Test Water Level 240.91
Discharge 2,610 Specific Capacity 27.5(4 days)
Depth of Well 1,770 Aquifer Thickness
Total Screened Footage 390 Interval 900-1750
T 61,100 S P 156
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
82
84
86
88
90
92
94
96
1
10
t'
100
1,000

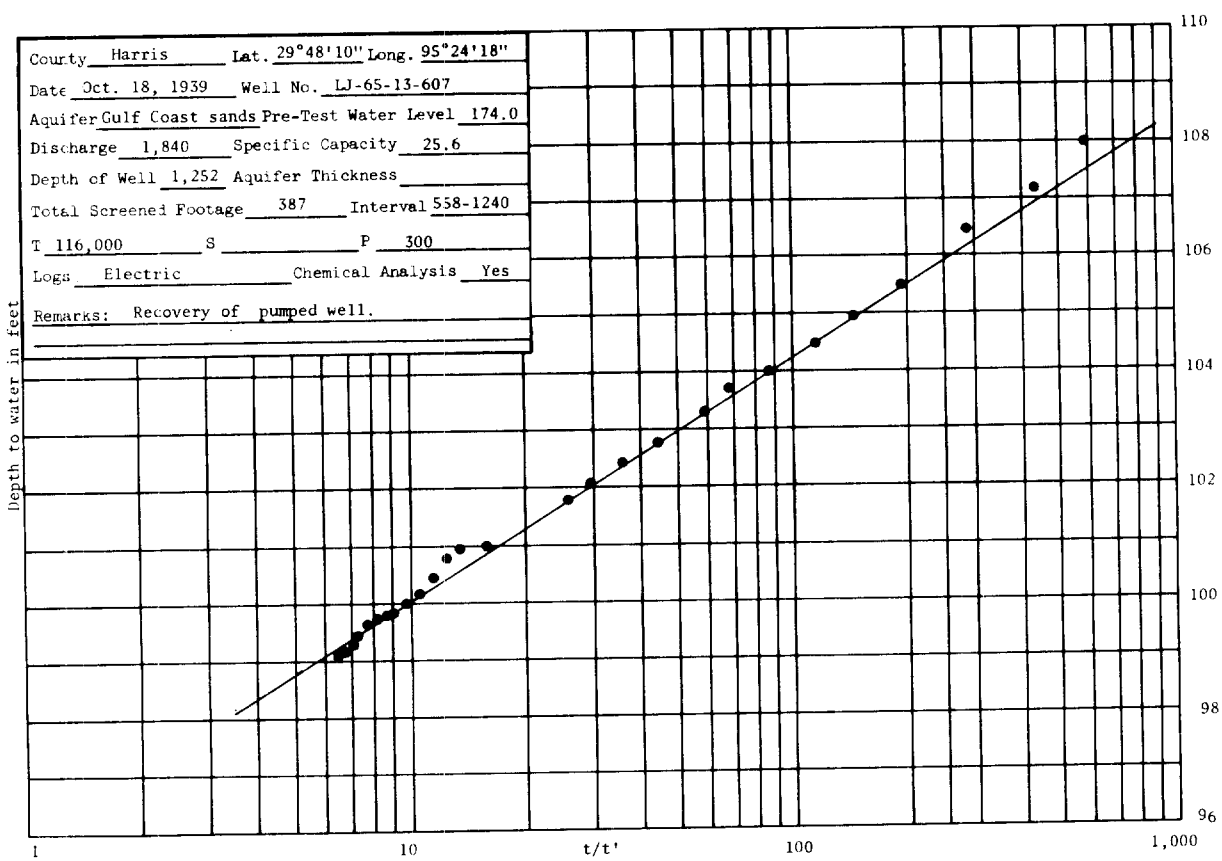

34
36
38
40
42
44
46
48
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°49'13" Long 95°24'18"
Date Sept. 9, 1949 Well No. LJ-65-13-602
Aquifer Gulf Coast sands Pre-Test Water Level 194.31
Discharge 2,520 Specific Capacity 57.3 (4 days)
Depth of Well 1,730 Aquifer Thickness
Total Screened Footage 415 Interval 610-1710
T 93,000 S P 224
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

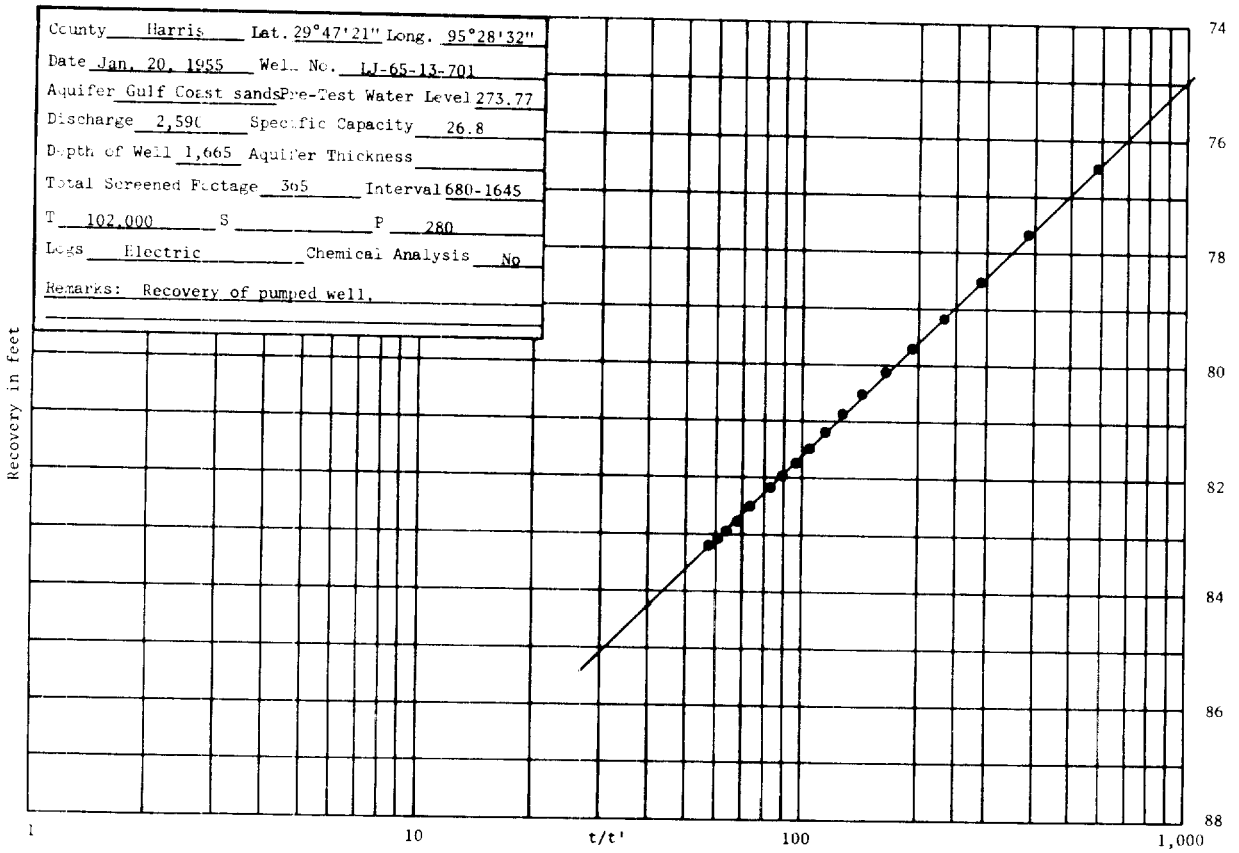

50
51
52
53
54
55
56
57
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°48'16" Long 95°24'25"
Date June 16, 1962 Well No. LJ-65-13-604
Aquifer Gulf Coast sands Pre-Test Water Level 313.76
Discharge 2,565 Specific Capacity
Depth of Well 1,890 Aquifer Thickness
Total Screened Footage 430 Interval 610-1860
T 135,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

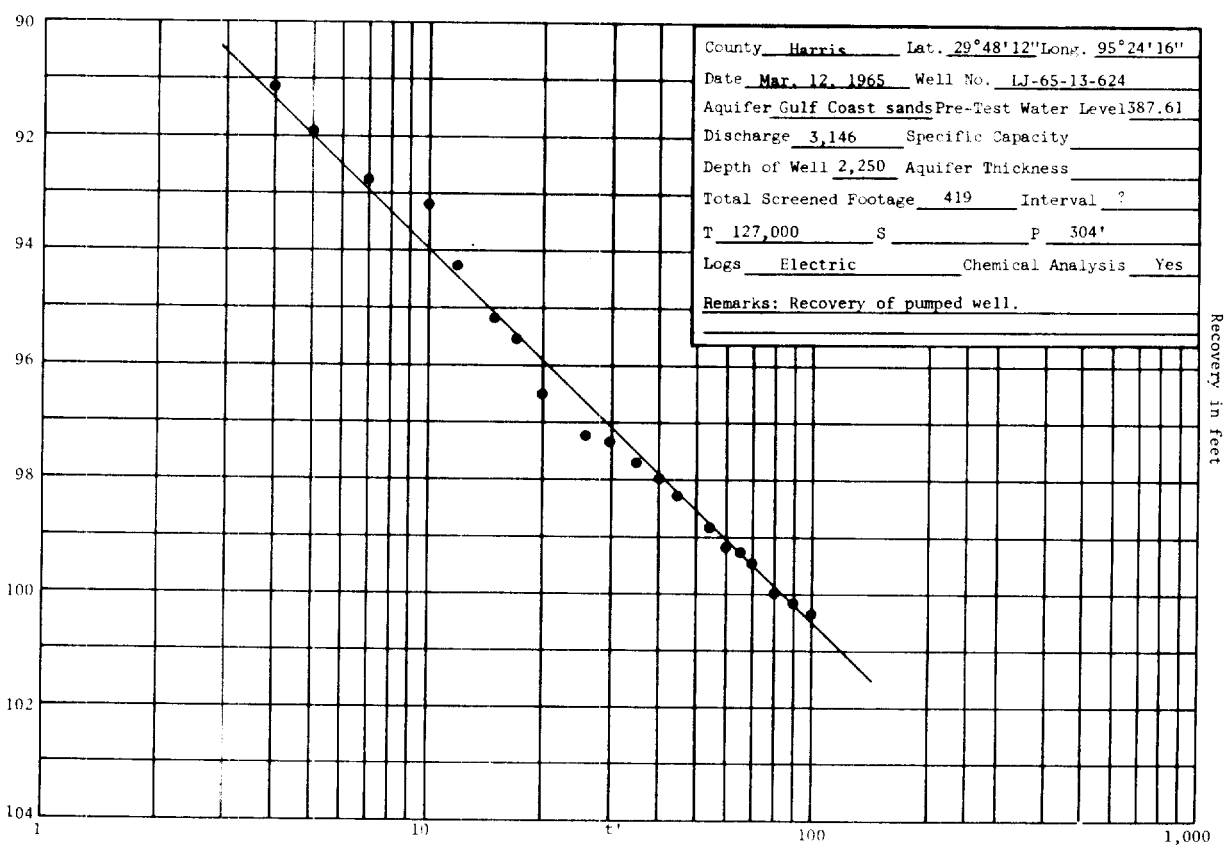

County Harris Lat. 29°48'36" Long. 95°24'19"
Date Oct. 11, 1939 Well No. LJ-65-13-605
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 1,700 Specific Capacity
Depth of Well 1,232 Aquifer Thickness
Total Screened Footage 326 Interval 581-1226
T 95,000 S P 291
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
104
102
100
98
96
94
92
1
10
t/t'
100
1,000

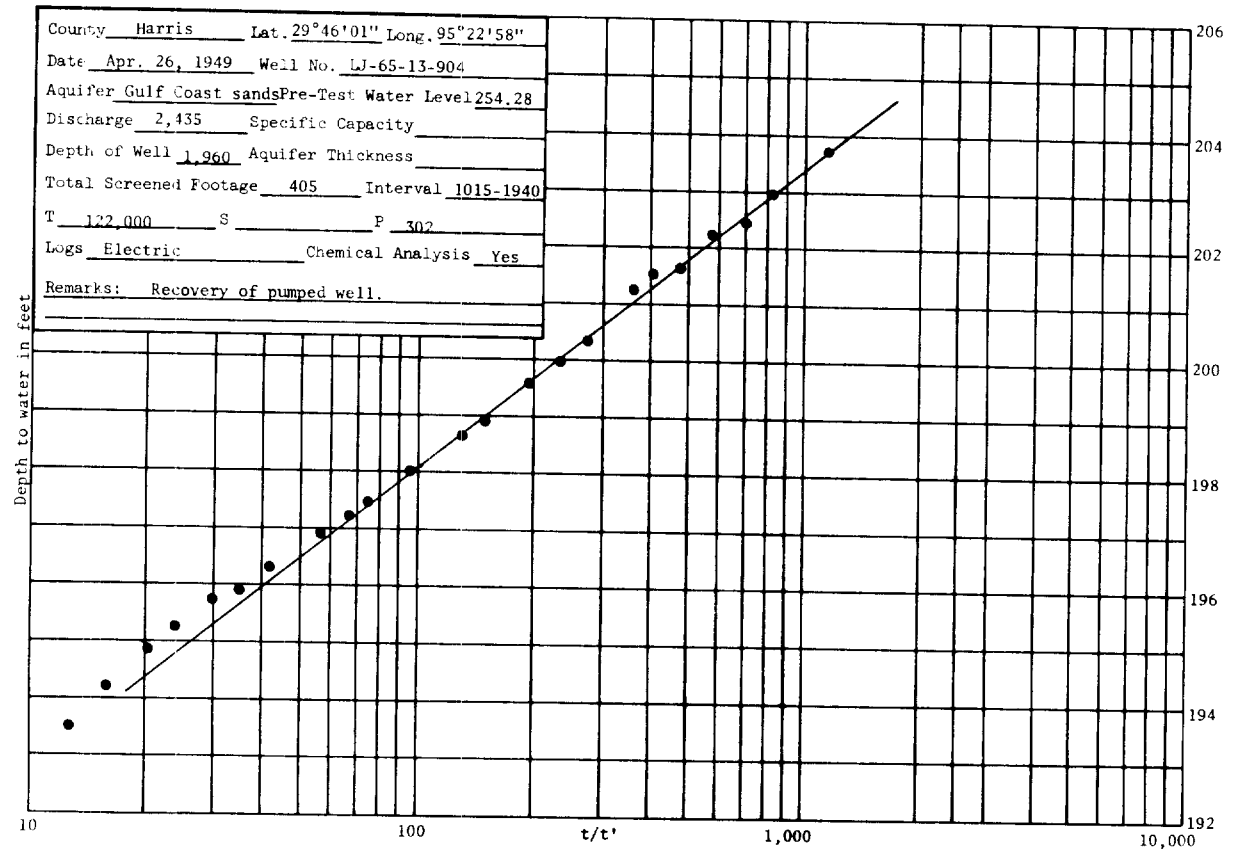

County Harris Lat. 29°48'12" Long. 95°24'15"
Date Oct. 25, 1939 Well No. LJ-65-13-606
Aquifer Gulf Coast sands Pre-Test Water Level 168
Discharge 2,050 Specific Capacity 47.7
Depth of Well 1,860 Aquifer Thickness
Total Screened Footage 256 Interval 410-1856
T 82,000 S P 320
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
114
119
124
129
1
10
t/t'
100
1,000

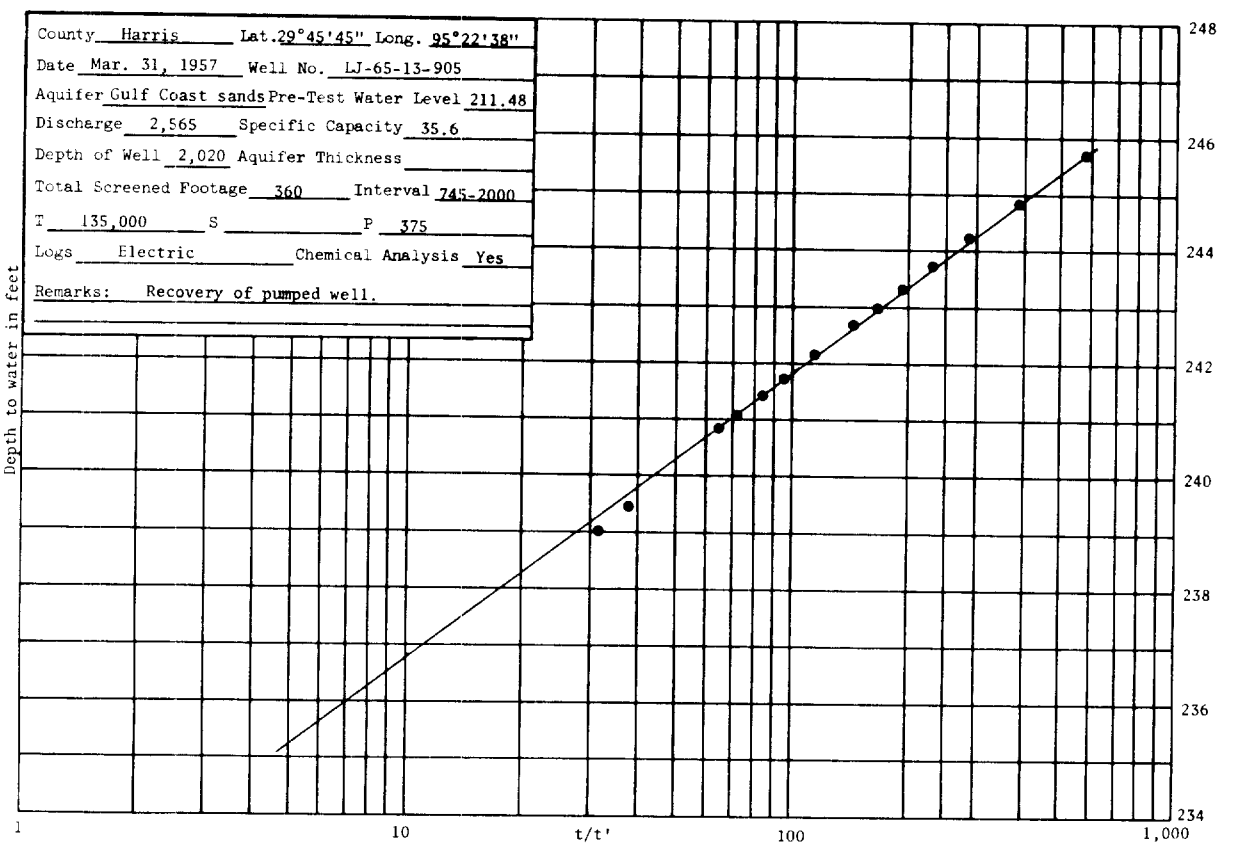

County Harris Lat. 29°47'52" Long. 95°24'21"
Date Sept. 28, 1939 Well No. LJ-65-13-608
Aquifer Gulf Coast sands Pre-Test Water Level 149.0
Discharge 1,500 Specific Capacity 31.2
Depth of Well 1,458 Aquifer Thickness
Total Screened Footage 591 Interval 561-1454
T 105,000 S P 178
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
108
106
104
102
100
98
96
94
1
10
t/t'
100
1,000

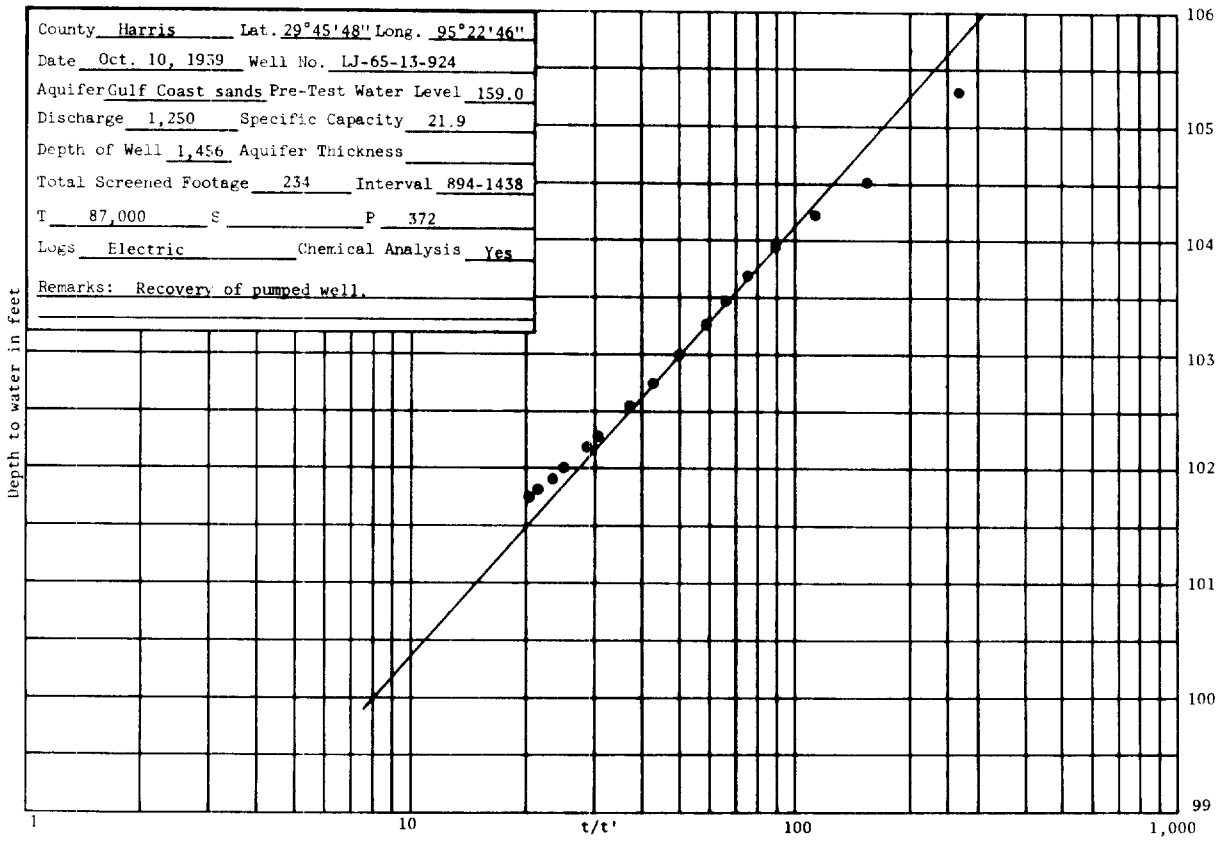

County Harris Lat. 29°48'10" Long. 95°24'18"
Date Oct. 18, 1939 Well No. LJ-65-13-607
Aquifer Gulf Coast sands Pre-Test Water Level 174.0
Discharge 1,840 Specific Capacity 25.6
Depth of Well 1,252 Aquifer Thickness
Total Screened Footage 387 Interval 558-1240
T 116,000 S P 300
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
110
108
106
104
102
100
98
96
1
10
t/t'
100
1,000

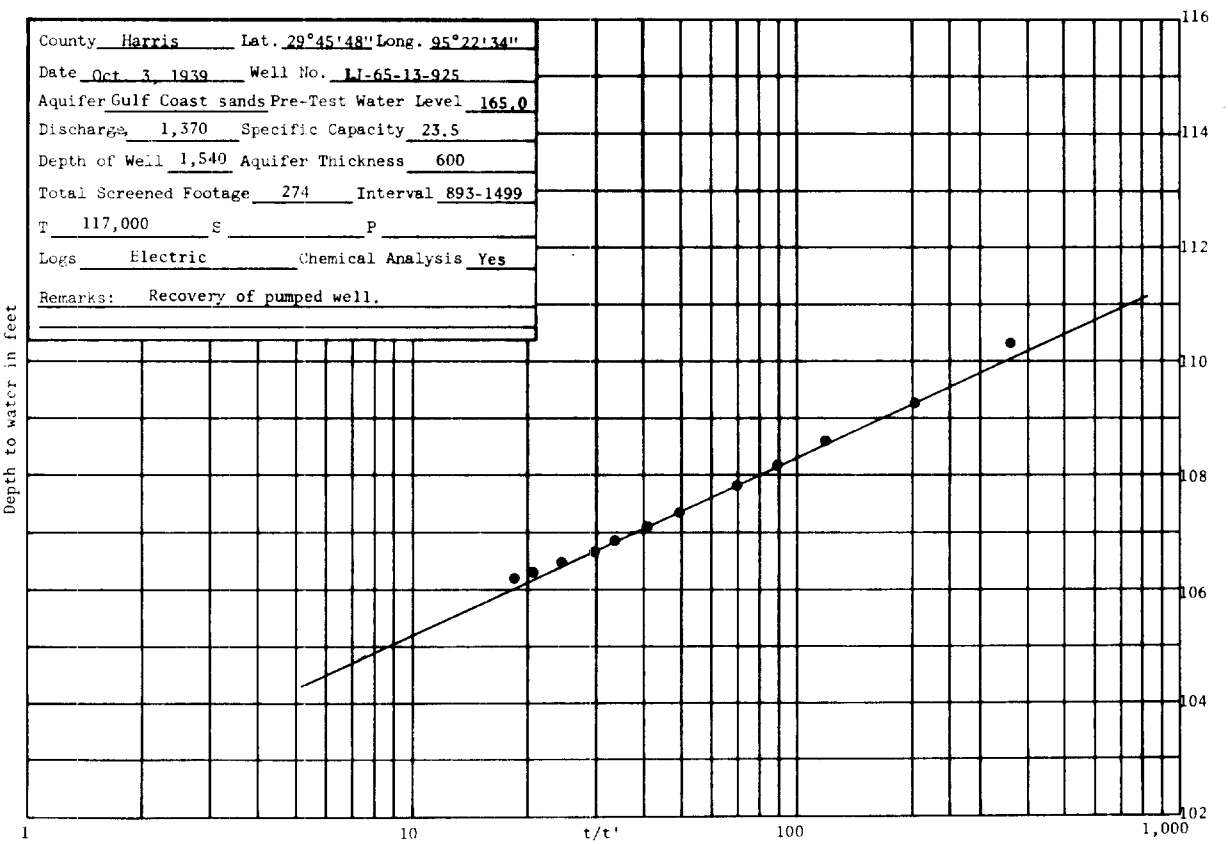

County Harris Lat. 29°47'21" Long. 95°28'32"
Date Jan. 20, 1955 Well No. LJ-65-13-701
Aquifer Gulf Coast sands Pre-Test Water Level 273.77
Discharge 2,590 Specific Capacity 26.8
Depth of Well 1,665 Aquifer Thickness
Total Screened Footage 305 Interval 680-1645
T 102,000 S P 280
Logs Electric Chemical Analysis No
Remarks: Recovery of pumped well.
Recovery in feet
74
76
78
80
82
84
86
88
1
10
t/t'
100
1,000


County Harris Lat. 29°48'12" Long. 95°24'16"
Date Mar. 12, 1965 Well No. LJ-65-13-624
Aquifer Gulf Coast sands Pre-Test Water Level 387.61
Discharge 3,146 Specific Capacity
Depth of Well 2,250 Aquifer Thickness
Total Screened Footage 419 Interval ?
T 127,000 S P 304'
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
90
92
94
96
98
100
102
104
1
10
t'
100
1,000

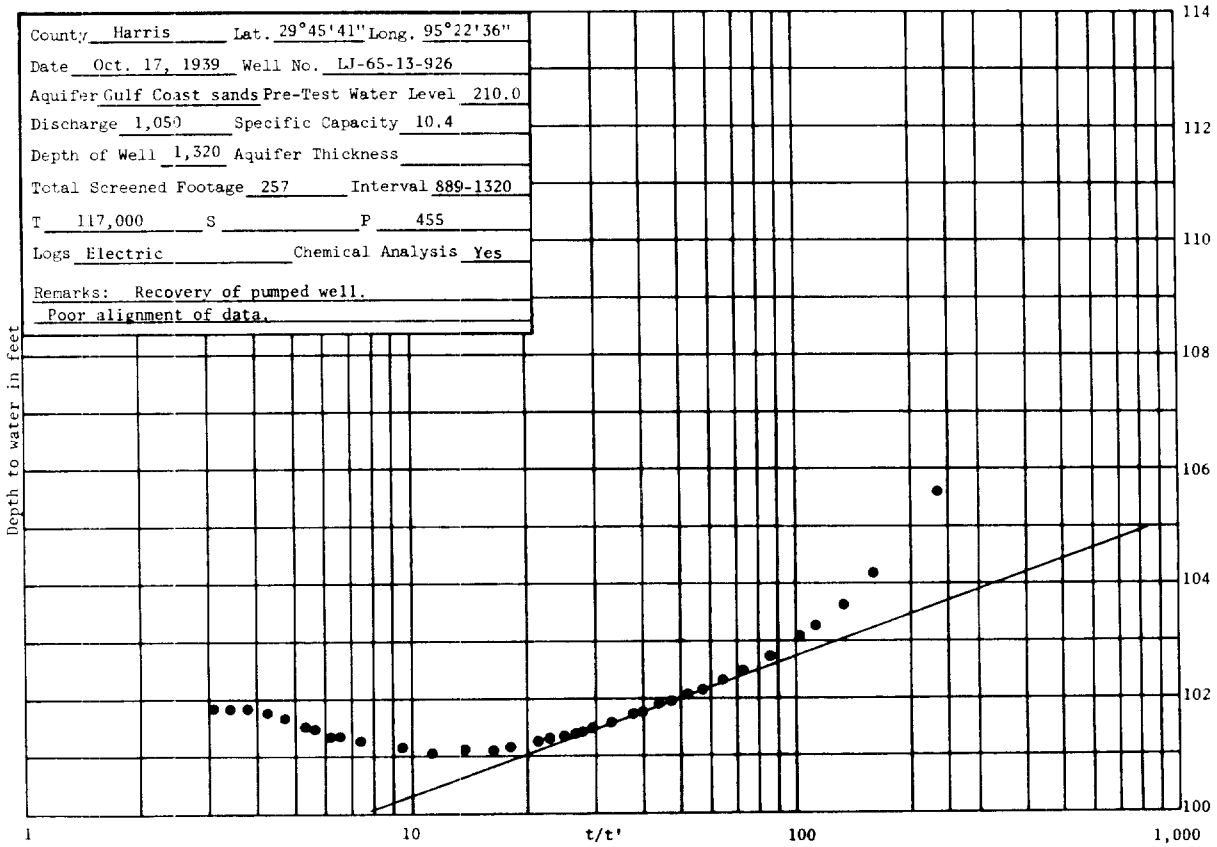

County Harris Lat. 29°46'01" Long. 95°22'58"
Date Apr. 26, 1949 Well No. LJ-65-13-904
Aquifer Gulf Coast sands Pre-Test Water Level 254.28
Discharge 2,435 Specific Capacity
Depth of Well 1,960 Aquifer Thickness
Total Screened Footage 405 Interval 1015-1940
T 122,000 S P 302
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
206
204
202
200
198
196
194
192
10
100
t/t'
1,000
10,000


County Harris Lat. 29°45'45" Long. 95°22'38"
Date Mar. 31, 1957 Well No. LJ-65-13-905
Aquifer Gulf Coast sands Pre-Test Water Level 211.48
Discharge 2,565 Specific Capacity 35.6
Depth of Well 2,020 Aquifer Thickness
Total Screened Footage 360 Interval 745-2000
T 135,000 S P 375
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
248
246
244
242
240
238
236
234
1
10
t/t'
100
1,000

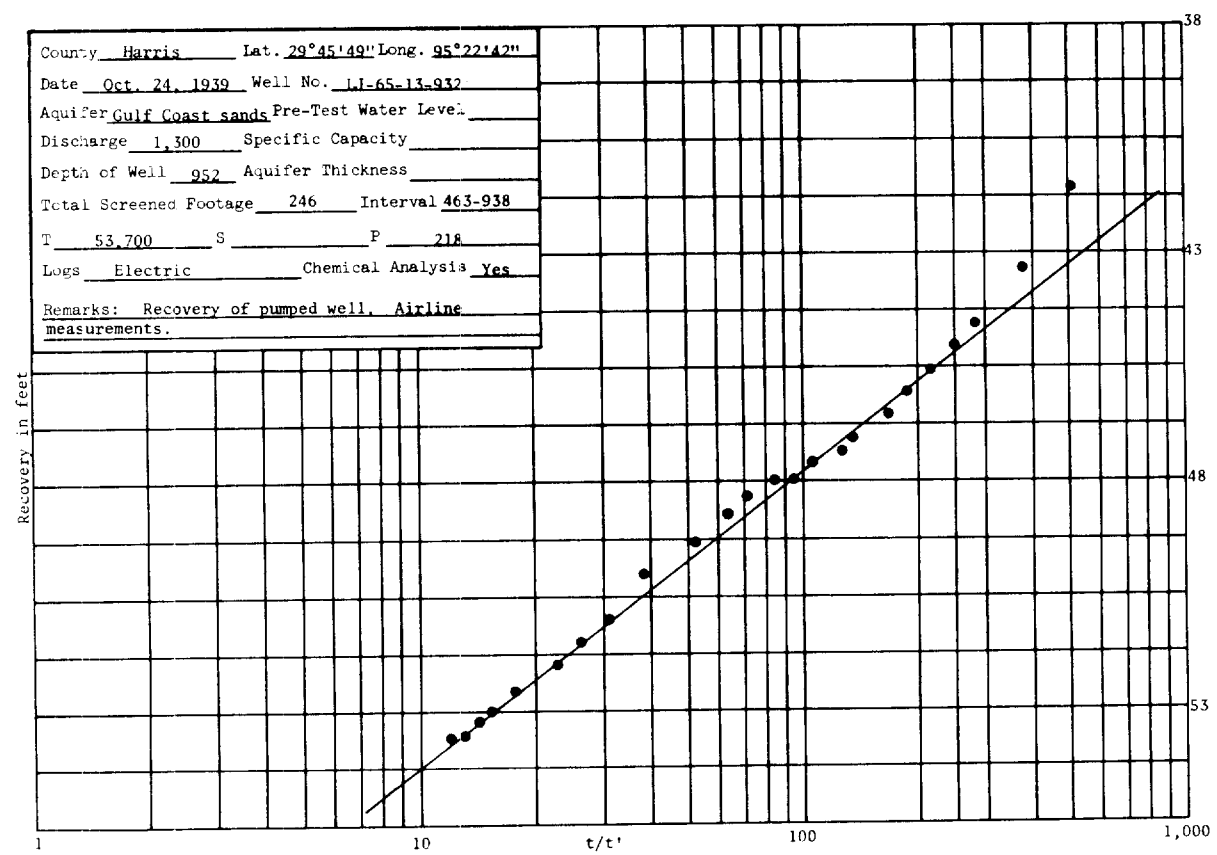

County Harris Lat. 29°45'48" Long. 95°22'46"
Date Oct. 10, 1939 Well No. LJ-65-13-924
Aquifer Gulf Coast sands Pre-Test Water Level 159.0
Discharge 1,250 Specific Capacity 21.9
Depth of Well 1,456 Aquifer Thickness
Total Screened Footage 234 Interval 894-1438
T 87,000 S P 372
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
106
105
104
103
102
101
100
99
1
10
t/t'
100
1,000

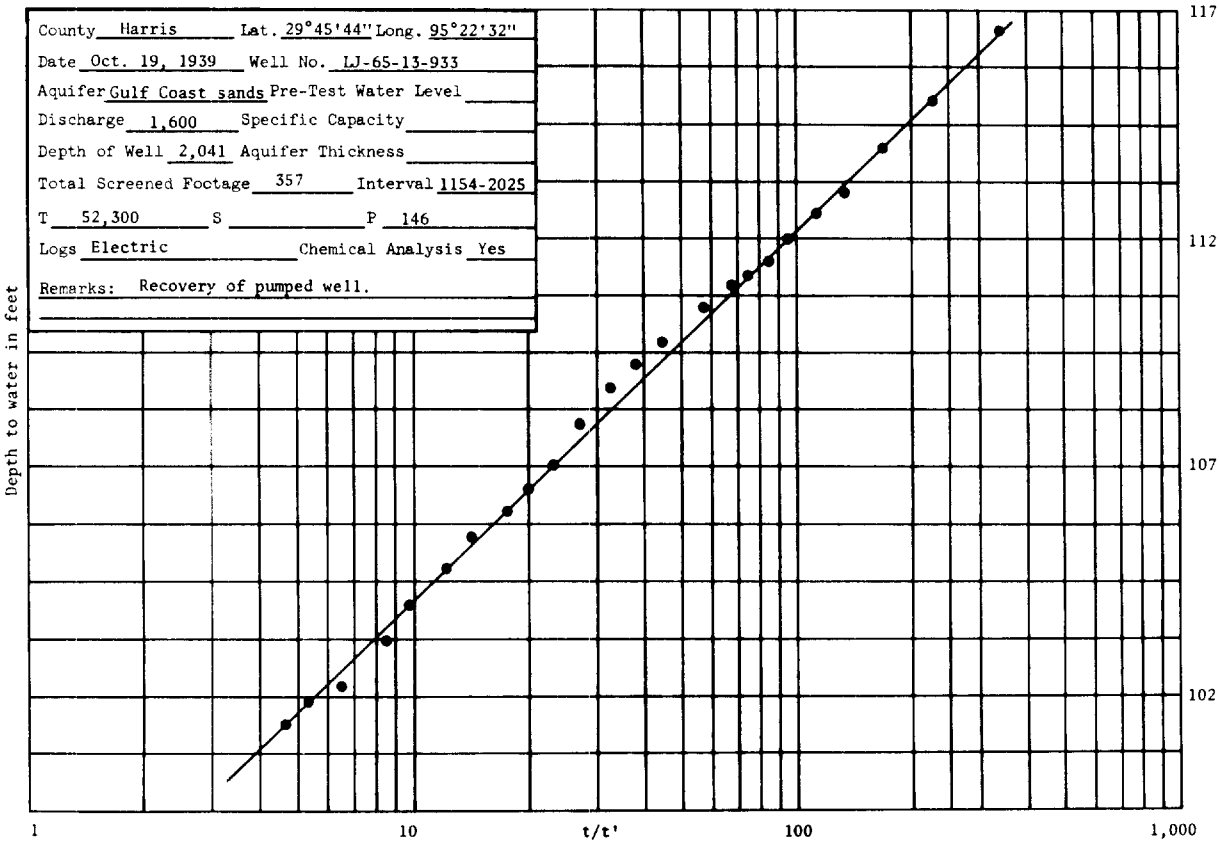

County Harris Lat. 29°45'48" Long. 95°22'34"
Date Oct. 3, 1939 Well No. LJ-65-13-925
Aquifer Gulf Coast sands Pre-Test Water Level 165.0
Discharge 1,370 Specific Capacity 23.5
Depth of Well 1,540 Aquifer Thickness 600
Total Screened Footage 274 Interval 893-1499
T 117,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
116
114
112
110
108
106
104
102
1
10
t/t'
100
1,000

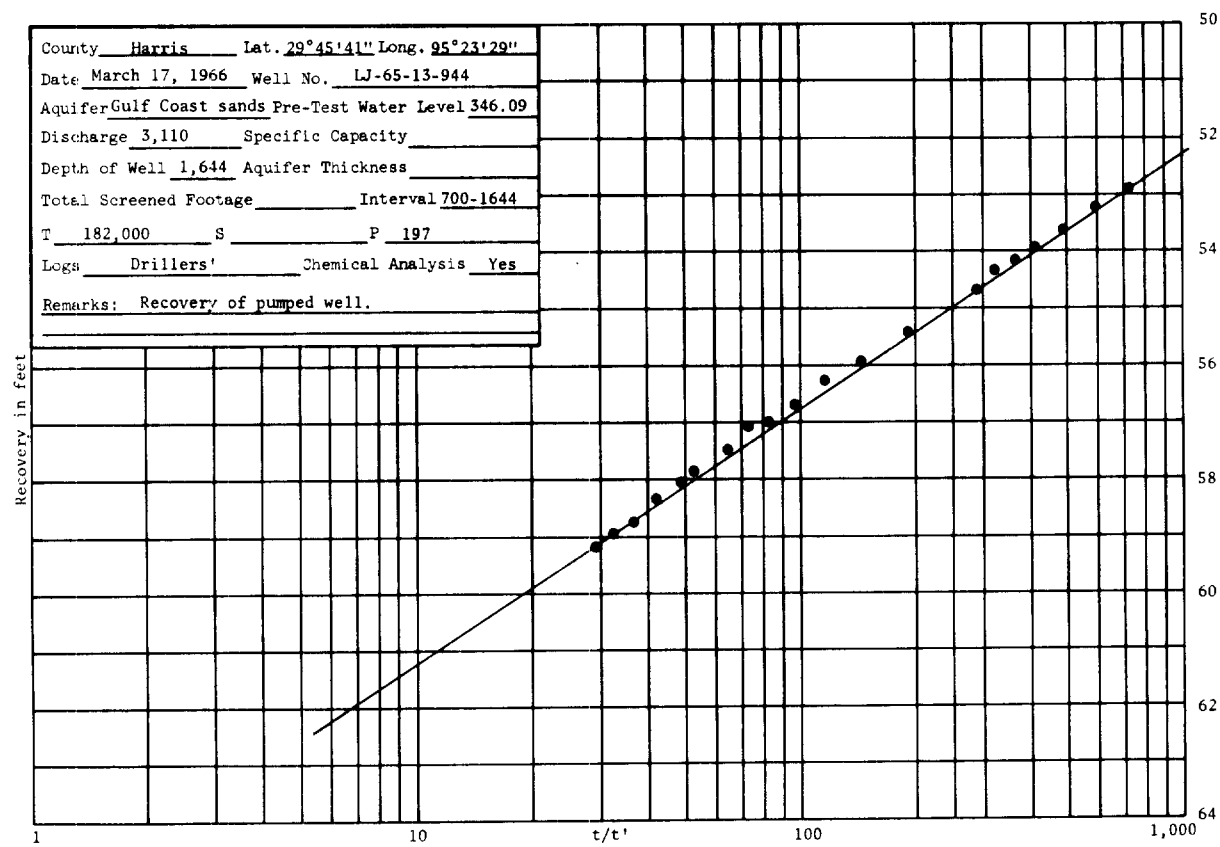
County Harris Lat. 29°45'41" Long. 95°22'36"
Date Oct. 17, 1939 Well No. LJ-65-13-926
Aquifer Gulf Coast sands Pre-Test Water Level 210.0
Discharge 1,050 Specific Capacity 10.4
Depth of Well 1,320 Aquifer Thickness
Total Screened Footage 257 Interval 889-1320
T 117,000 S P 455
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Poor alignment of data.

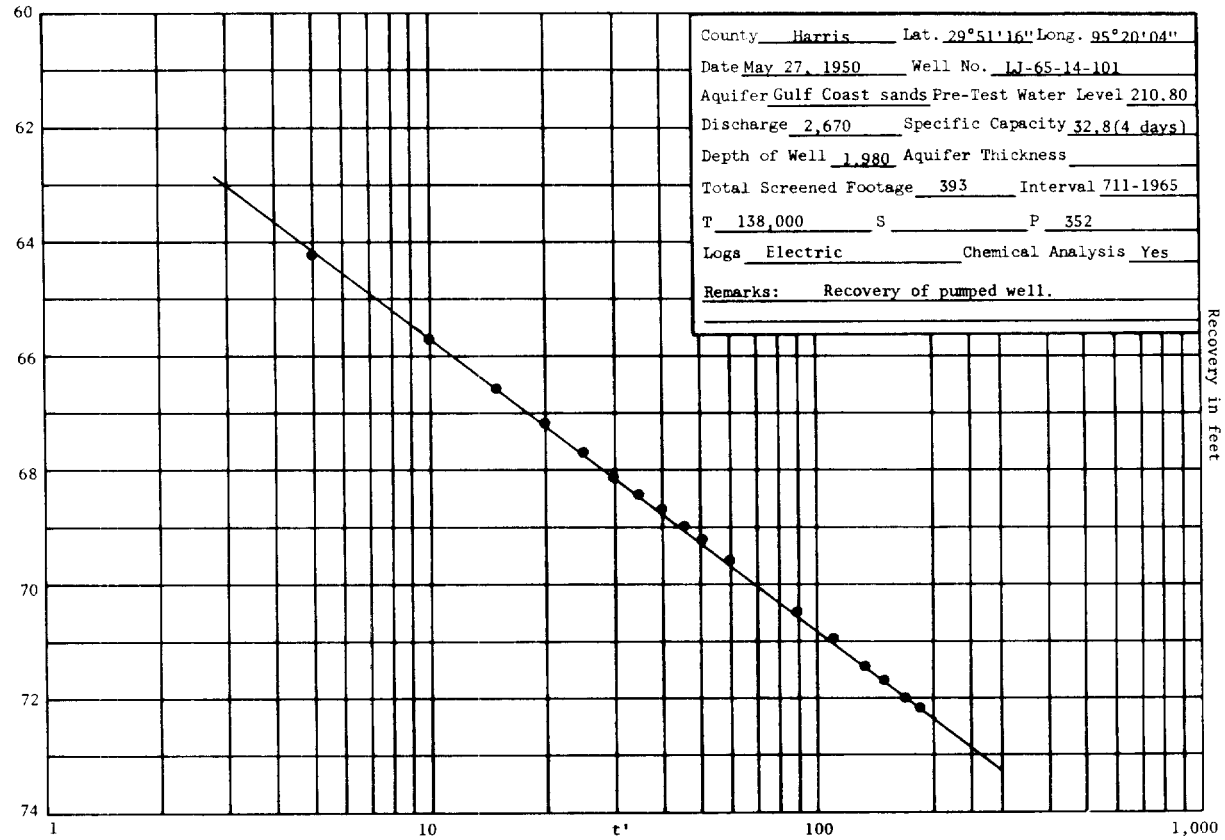


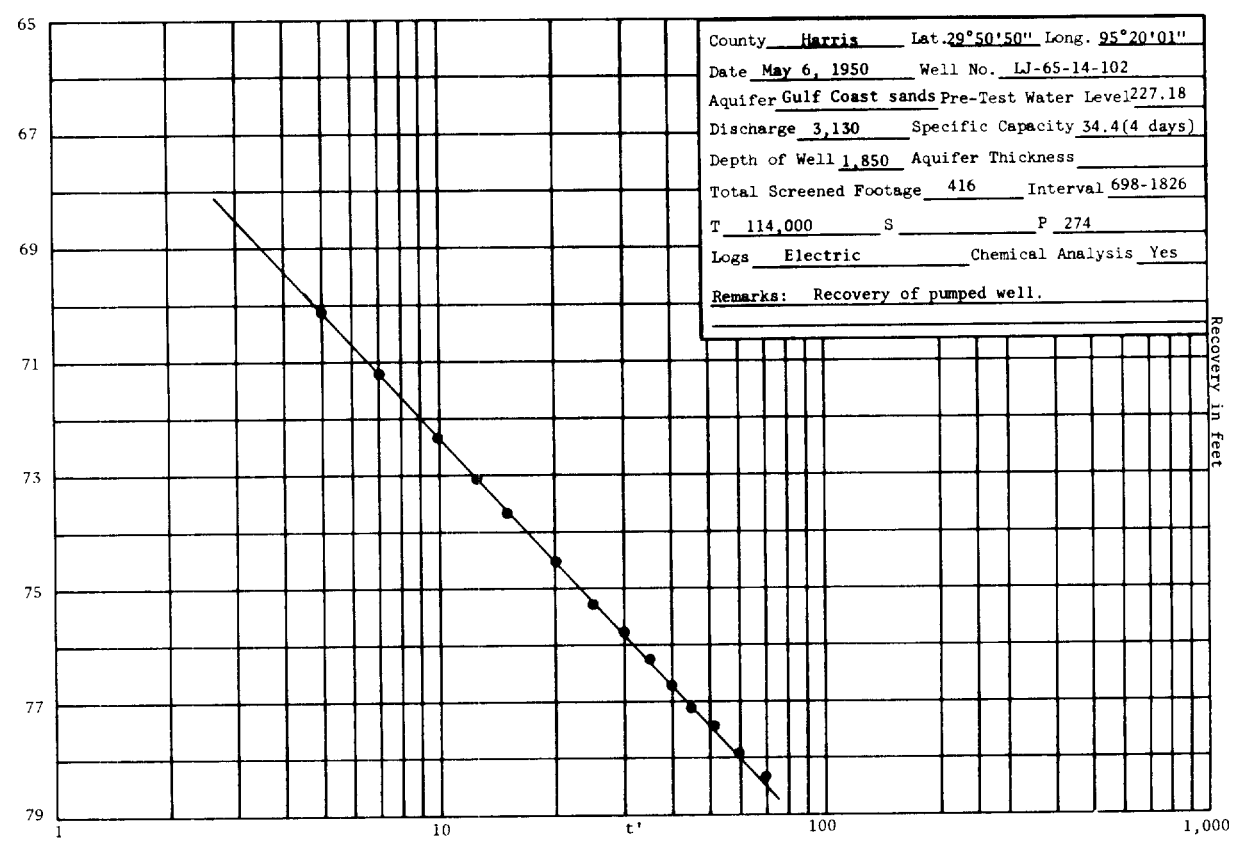
County Harris Lat. 29°45'49" Long. 95°22'42"
Date Oct. 24, 1939 Well No. LJ-65-13-932
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 1,300 Specific Capacity
Depth of Well 952 Aquifer Thickness
Total Screened Footage 246 Interval 463-938
T 53,700 S P 218
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well. Airline measurements.

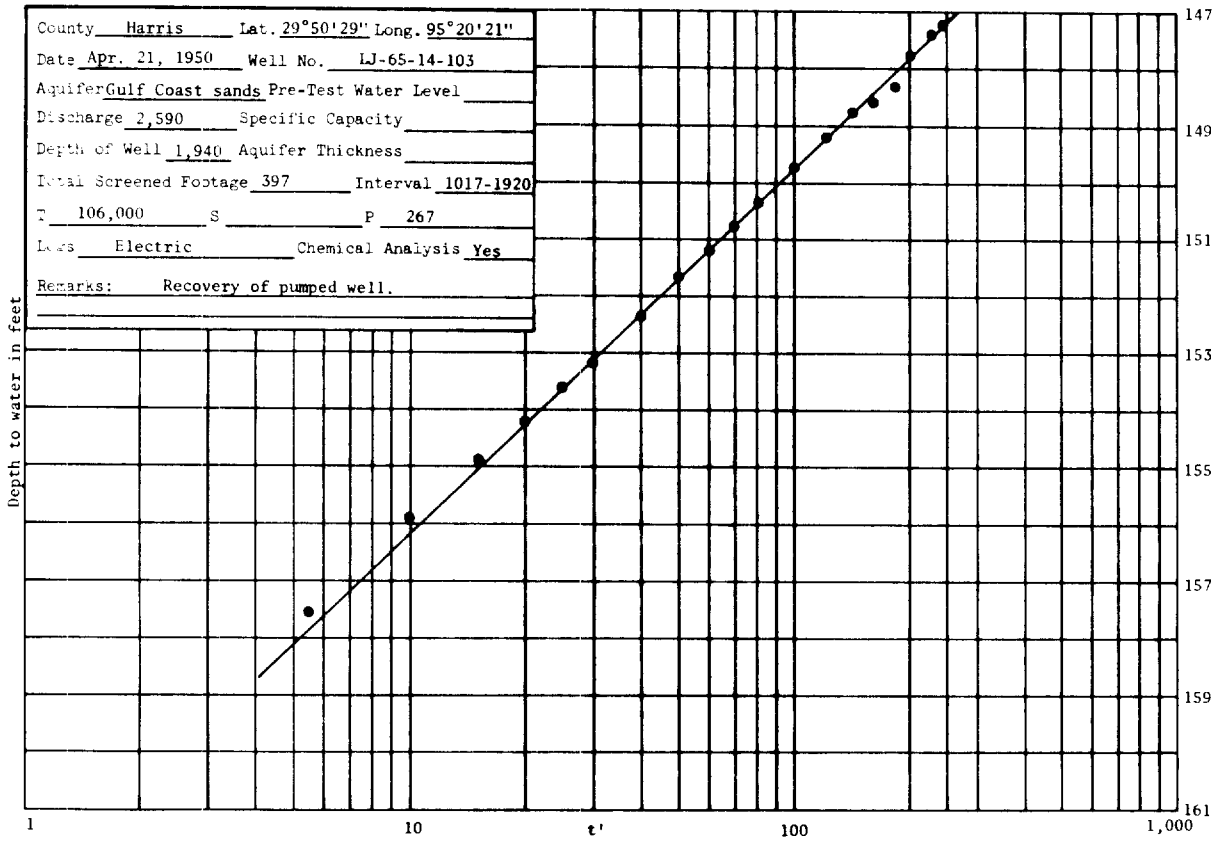


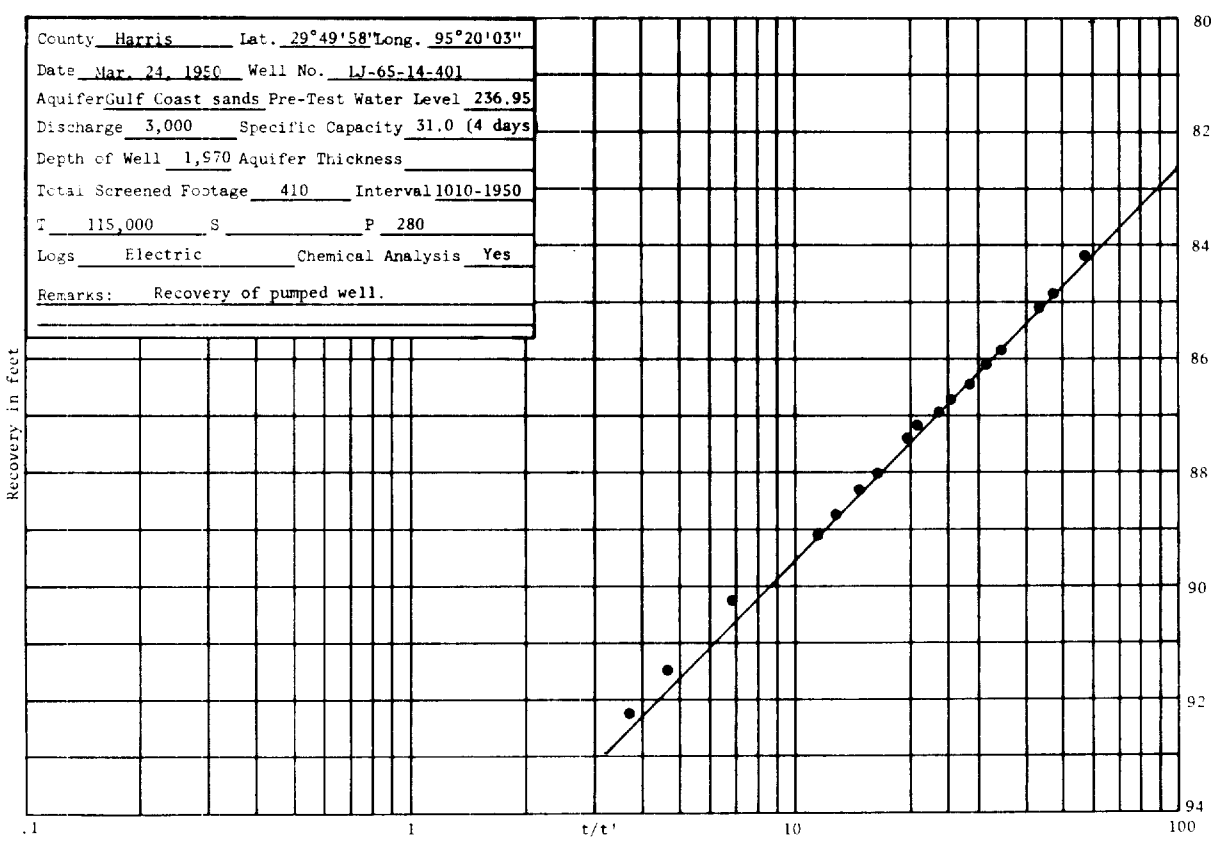

County Harris Lat. 29°45'44" Long. 95°22'32"
Date Oct. 19, 1939 Well No. LJ-65-13-933
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 1,600 Specific Capacity
Depth of Well 2,041 Aquifer Thickness
Total Screened Footage 357 Interval 1154-2025
T 52,300 S P 146
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
117
112
107
102
1
10
t/t'
100
1,000

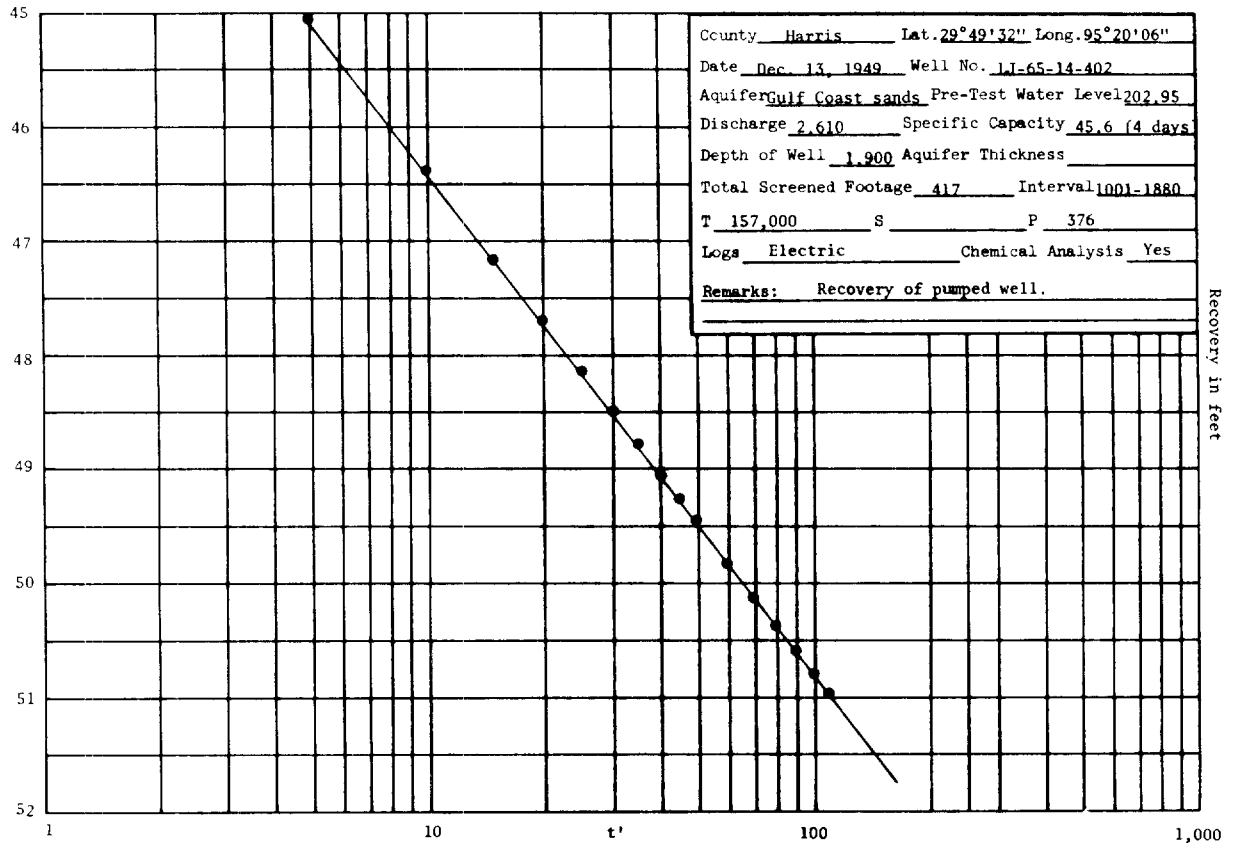

County Harris Lat. 29°45'41" Long. 95°23'29"
Date March 17, 1966 Well No. LJ-65-13-944
Aquifer Gulf Coast sands Pre-Test Water Level 346.09
Discharge 3,110 Specific Capacity
Depth of Well 1,644 Aquifer Thickness
Total Screened Footage Interval 700-1644
T 182,000 S P 197
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
50
52
54
56
58
60
62
64
1
10
t/t'
100
1,000

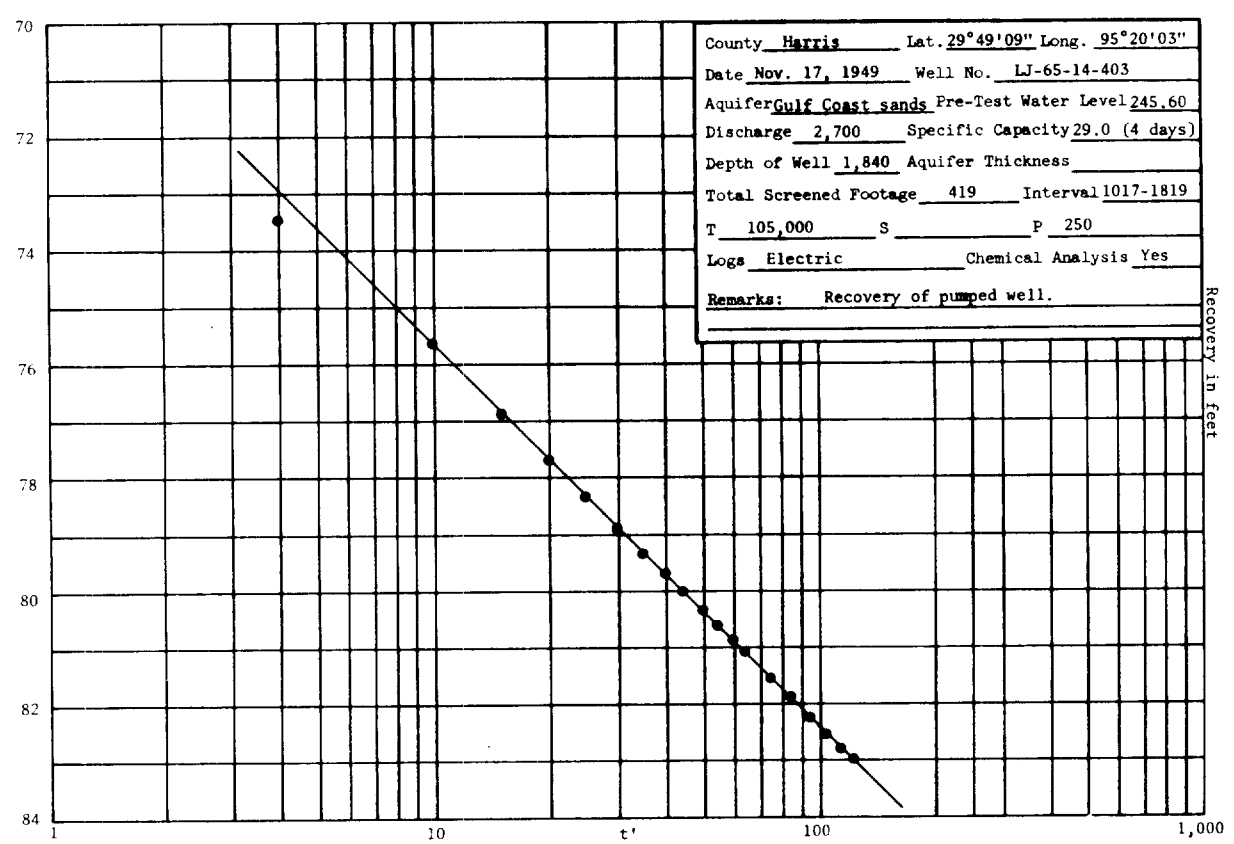

60
62
64
66
68
70
72
74
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°51'16" Long. 95°20'04"
Date May 27, 1950 Well No. LJ-65-14-101
Aquifer Gulf Coast sands Pre-Test Water Level 210.80
Discharge 2,670 Specific Capacity 32.8(4 days)
Depth of Well 1,980 Aquifer Thickness
Total Screened Footage 393 Interval 711-1965
T 138,000 S P 352
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

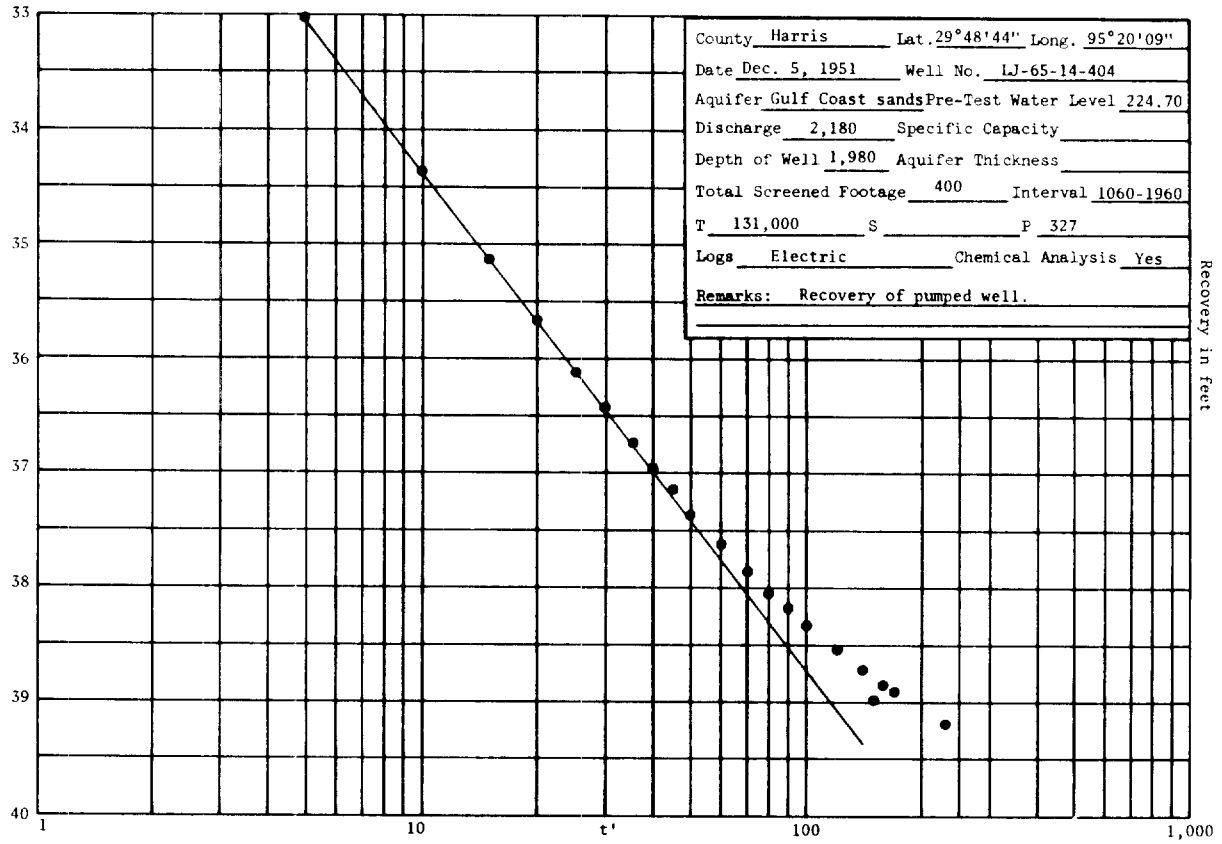

65
67
69
71
73
75
77
79
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°50'50" Long. 95°20'01"
Date May 6, 1950 Well No. LJ-65-14-102
Aquifer Gulf Coast sands Pre-Test Water Level 227.18
Discharge 3,130 Specific Capacity 34.4(4 days)
Depth of Well 1,850 Aquifer Thickness
Total Screened Footage 416 Interval 698-1826
T 114,000 S P 274
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

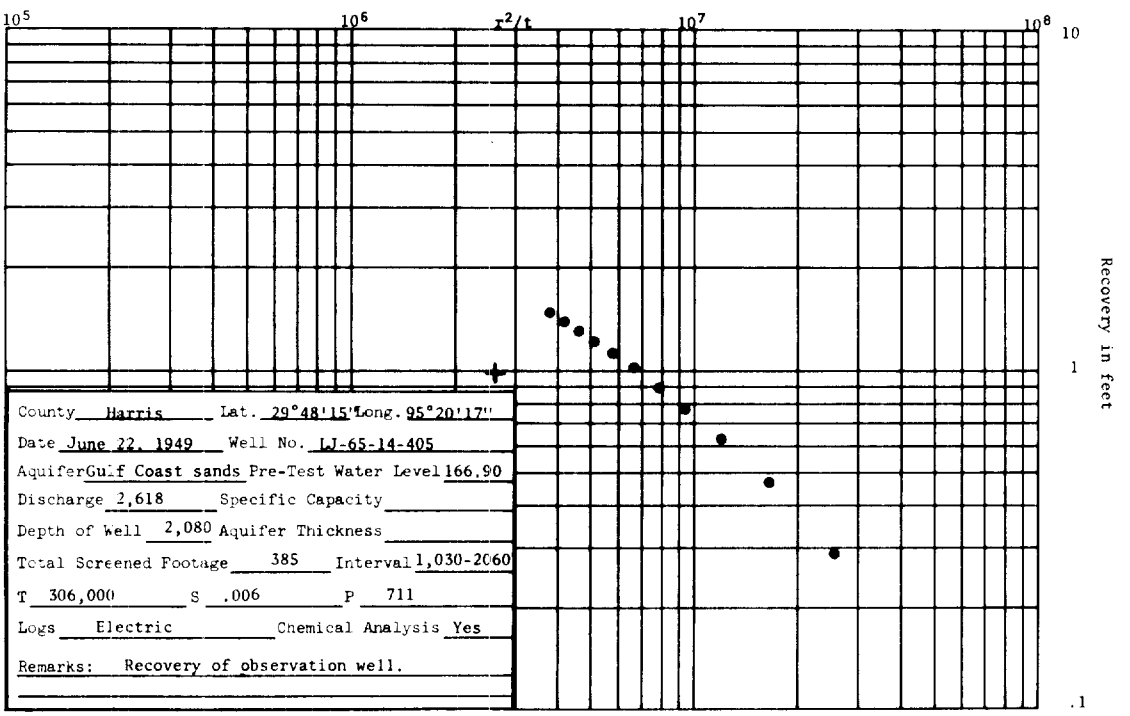

County Harris Lat. 29°50'29" Long. 95°20'21"
Date Apr. 21, 1950 Well No. LJ-65-14-103
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 2,590 Specific Capacity
Depth of Well 1,940 Aquifer Thickness
Total Screened Footage 397 Interval 1017-1920
T 106,000 S P 267
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
147
149
151
153
155
157
159
161
1
10
t'
100
1,000

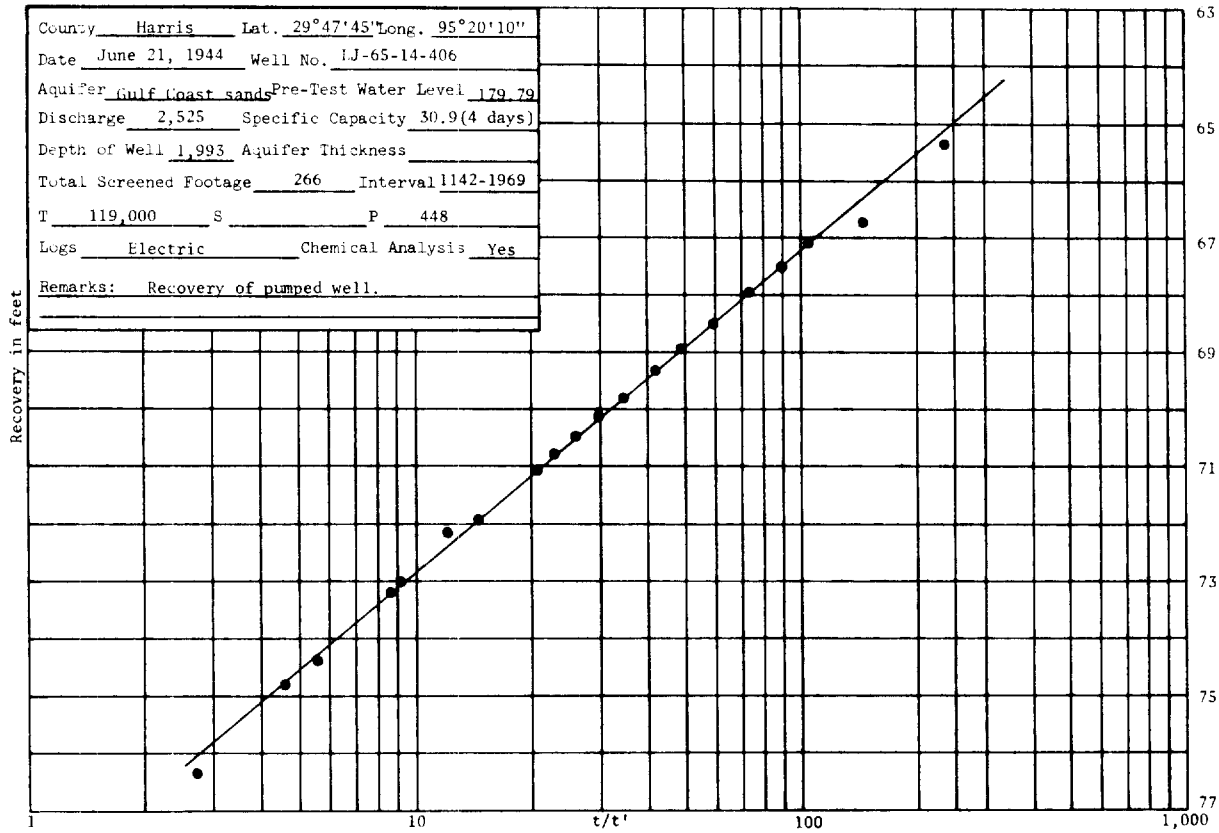

County Harris Lat. 29°49'58" Long. 95°20'03"
Date Mar. 24, 1950 Well No. LJ-65-14-401
Aquifer Gulf Coast sands Pre-Test Water Level 236.95
Discharge 3,000 Specific Capacity 31.0 (4 days
Depth of Well 1,970 Aquifer Thickness
Total Screened Footage 410 Interval 1010-1950
T 115,000 S P 280
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
80
82
84
86
88
90
92
94
.1
1
t/t'
10
100

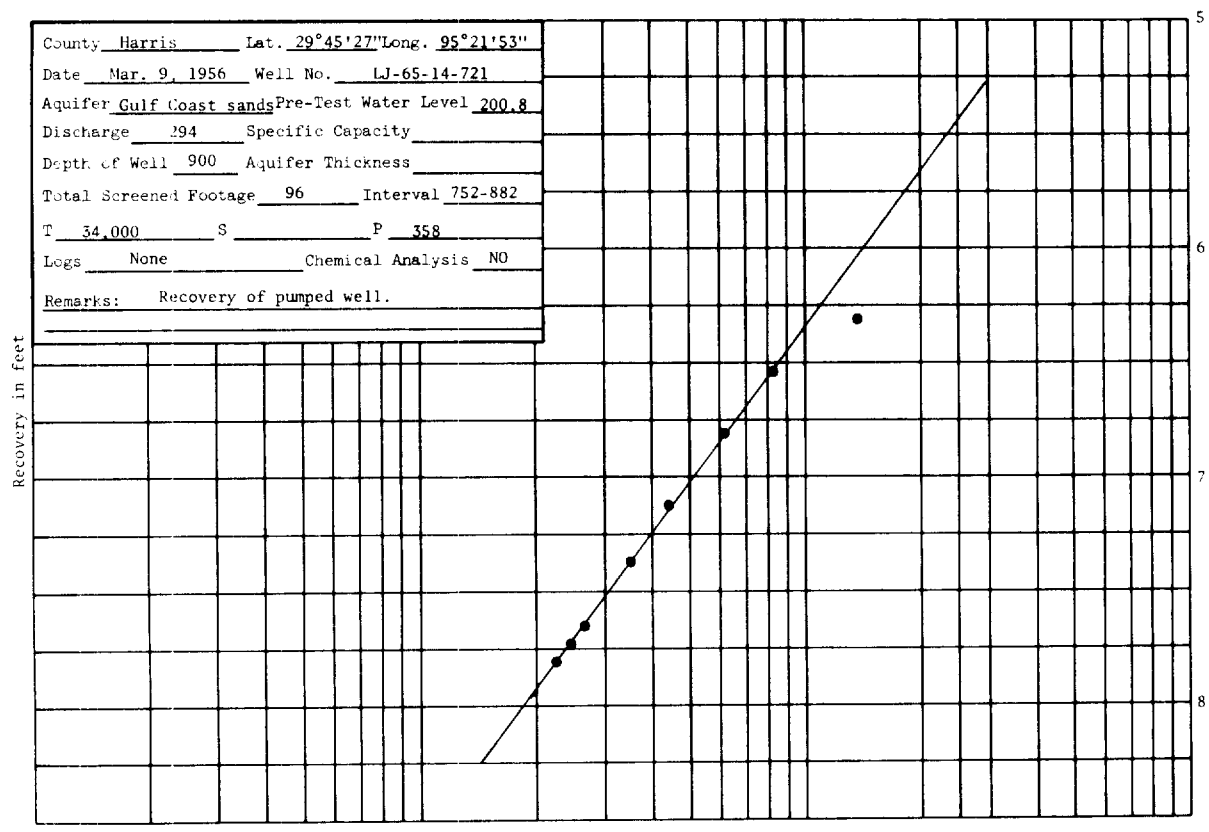

45
46
47
48
49
50
51
52
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°49'32" Long. 95°20'06"
Date Dec. 13, 1949 Well No. LJ-65-14-402
Aquifer Gulf Coast sands Pre-Test Water Level 202.95
Discharge 2,610 Specific Capacity 45.6 (4 days)
Depth of Well 1,900 Aquifer Thickness
Total Screened Footage 417 Interval 1001-1880
T 157,000 S P 376
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

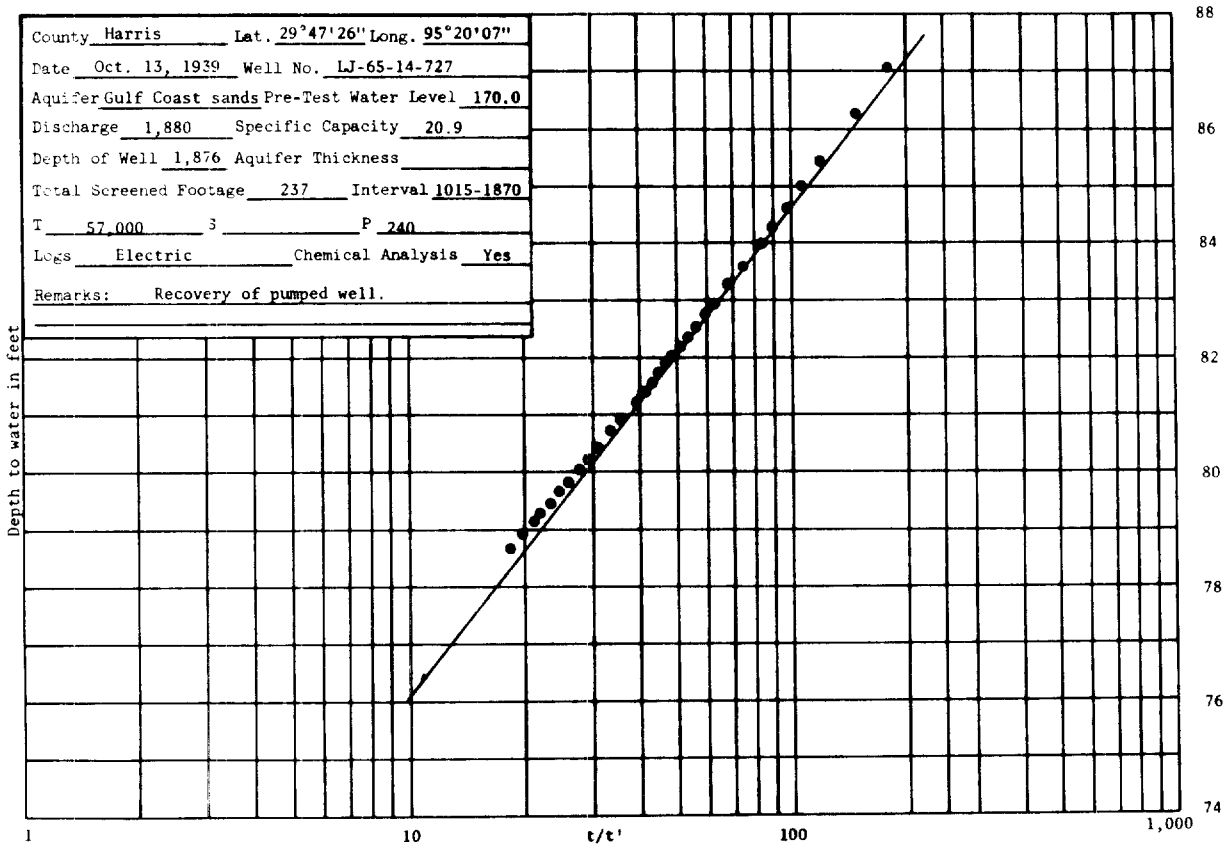

70
72
74
76
78
80
82
84
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°49'09" Long. 95°20'03"
Date Nov. 17, 1949 Well No. LJ-65-14-403
Aquifer Gulf Coast sands Pre-Test Water Level 245.60
Discharge 2,700 Specific Capacity 29.0 (4 days)
Depth of Well 1,840 Aquifer Thickness
Total Screened Footage 419 Interval 1017-1819
T 105,000 S P 250
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

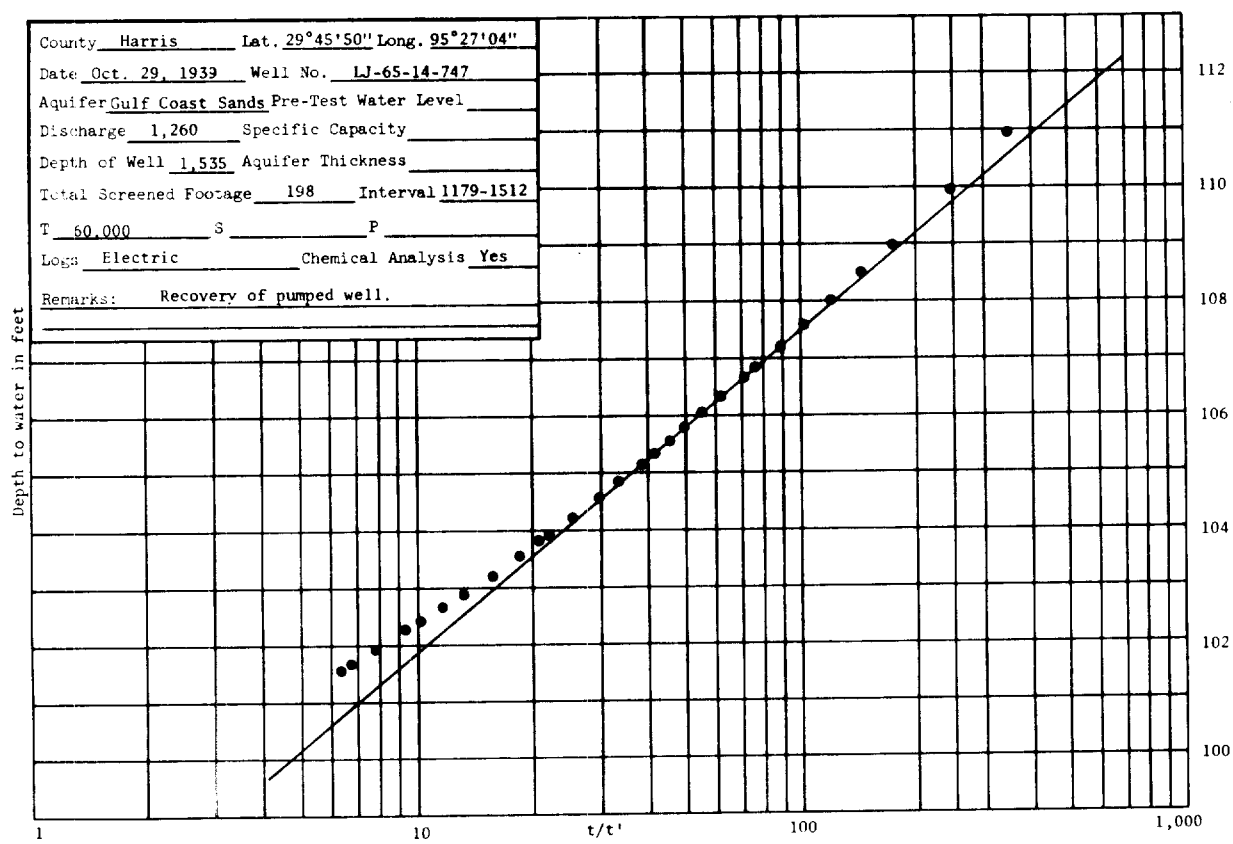

County Harris Lat. 29°48'44" Long. 95°20'09"
Date Dec. 5, 1951 Well No. LJ-65-14-404
Aquifer Gulf Coast sands Pre-Test Water Level 224.70
Discharge 2,180 Specific Capacity
Depth of Well 1,980 Aquifer Thickness
Total Screened Footage 400 Interval 1060-1960
T 131,000 S P 327
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
33
34
35
36
37
38
39
40
1
10
t'
100
1,000
Recovery in feet

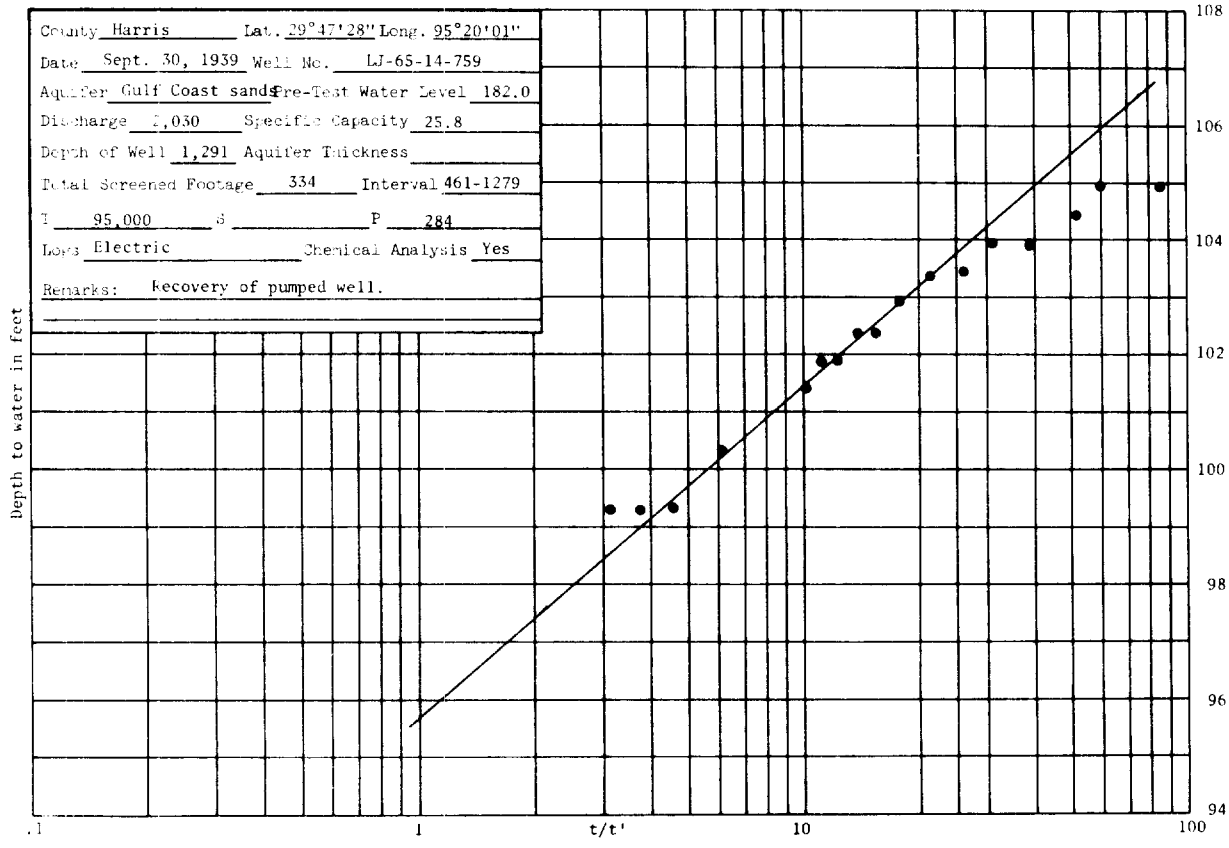

10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet
County Harris Lat. 29°48'15" Long. 95°20'17"
Date June 22, 1949 Well No. LJ-65-14-405
Aquifer Gulf Coast sands Pre-Test Water Level 166.90
Discharge 2,618 Specific Capacity
Depth of Well 2,080 Aquifer Thickness
Total Screened Footage 385 Interval 1,030-2060
T 306,000 S .006 P 711
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.

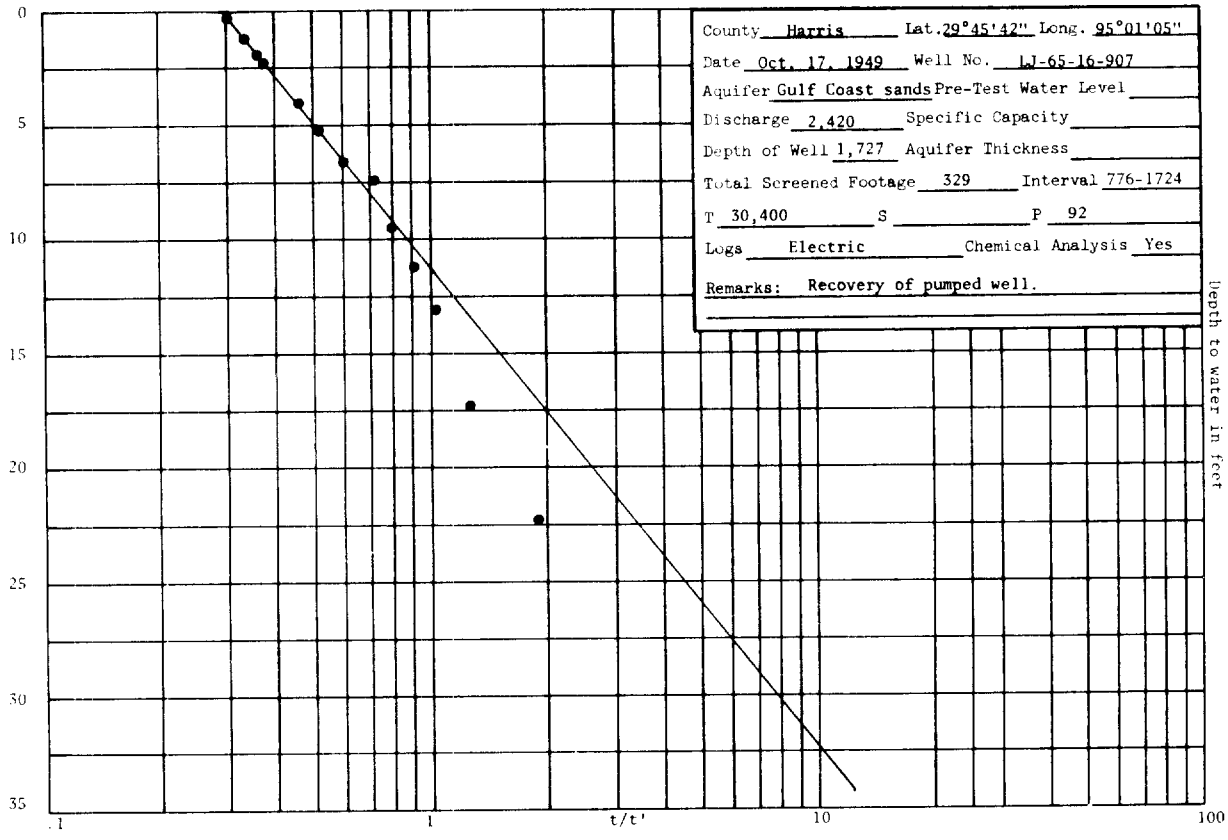

County Harris Lat. 29°47'45"Long. 95°20'10"
Date June 21, 1944 Well No. LJ-65-14-406
Aquifer Gulf Coast sands Pre-Test Water Level 179.79
Discharge 2,525 Specific Capacity 30.9(4 days)
Depth of Well 1,993 Aquifer Thickness
Total Screened Footage 266 Interval 1142-1969
T 119,000 S P 448
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
63
65
67
69
71
73
75
77
1
10
t/t'
100
1,000

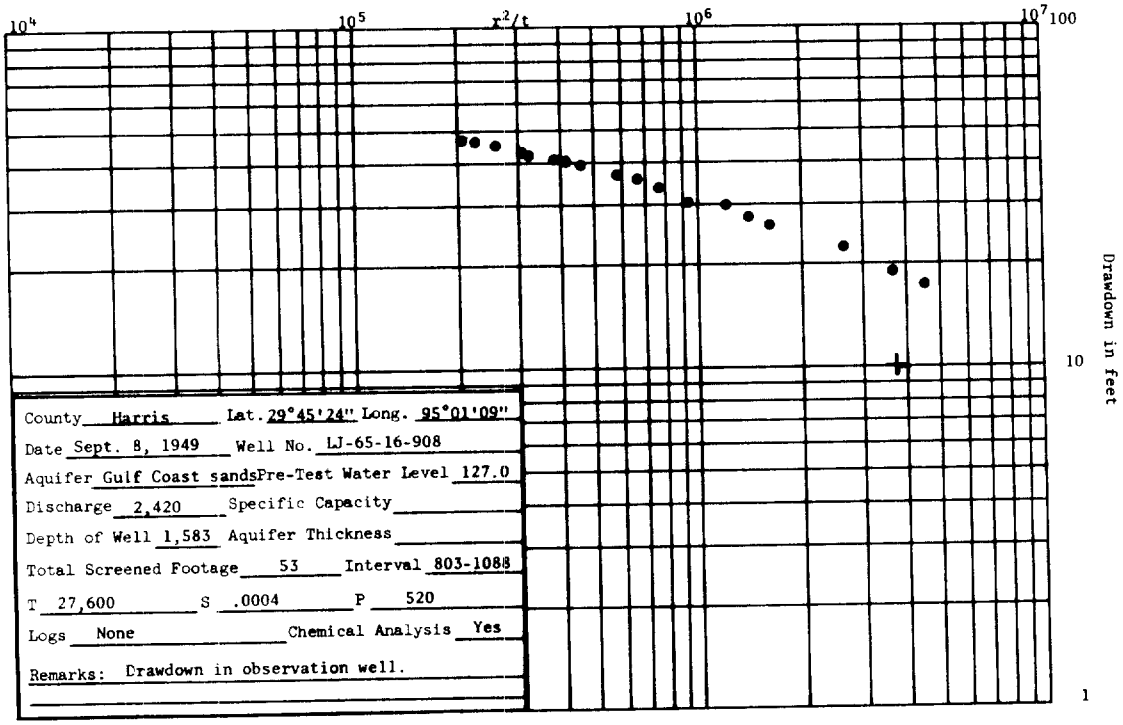

County Harris Lat. 29°45'27"Long. 95°21'53"
Date Mar. 9, 1956 Well No. LJ-65-14-721
Aquifer Gulf Coast sands Pre-Test Water Level 200.8
Discharge 294 Specific Capacity
Depth of Well 900 Aquifer Thickness
Total Screened Footage 96 Interval 752-882
T 34,000 S P 358
Logs None Chemical Analysis NO
Remarks: Recovery of pumped well.
Recovery in feet
5
6
7
8
.1
1
t/t'
10
100


County Harris Lat. 29°47'26" Long. 95°20'07"
Date Oct. 13, 1939 Well No. LJ-65-14-727
Aquifer Gulf Coast sands Pre-Test Water Level 170.0
Discharge 1,880 Specific Capacity 20.9
Depth of Well 1,876 Aquifer Thickness
Total Screened Footage 237 Interval 1015-1870
T 57,000 S P 240
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
88
86
84
82
80
78
76
74
1
10
t/t'
100
1,000

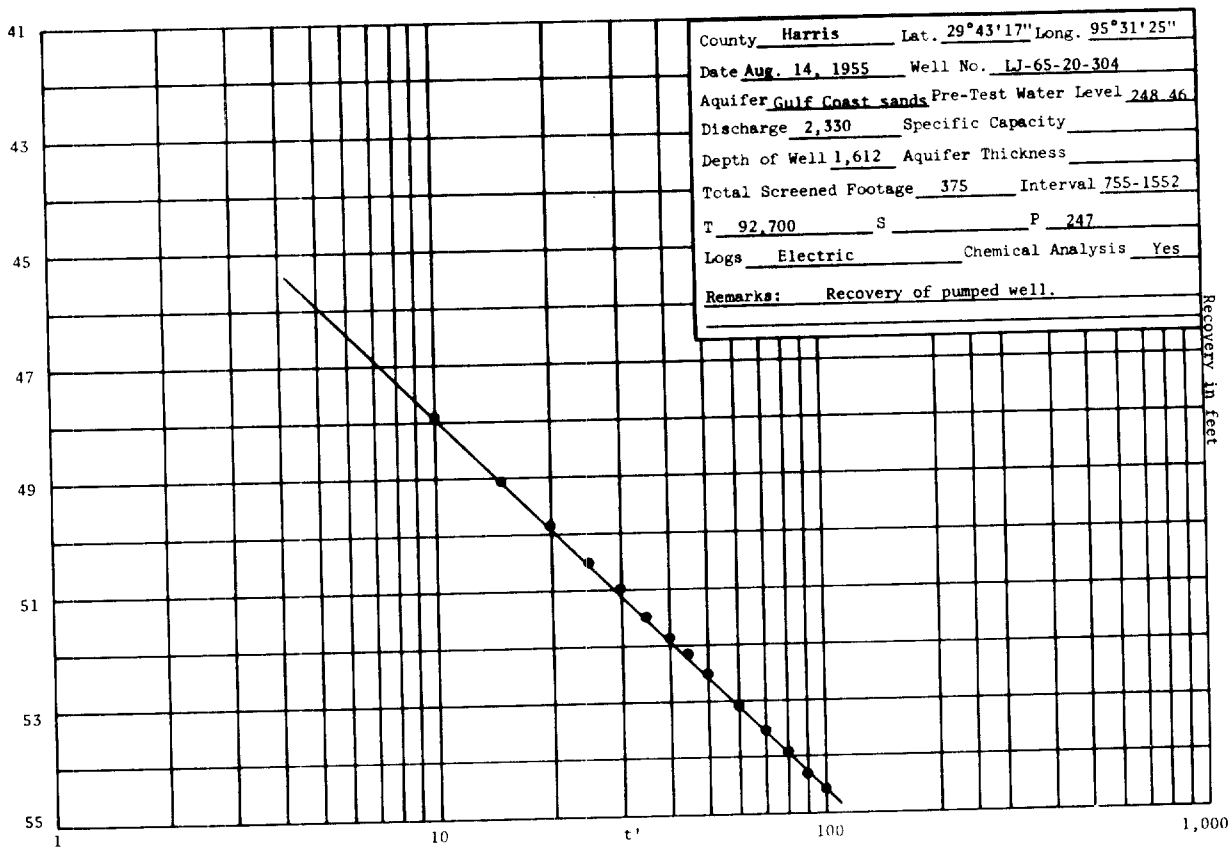

County Harris Lat. 29°45'50" Long. 95°27'04"
Date Oct. 29, 1939 Well No. LJ-65-14-747
Aquifer Gulf Coast Sands Pre-Test Water Level
Discharge 1,260 Specific Capacity
Depth of Well 1,535 Aquifer Thickness
Total Screened Footage 198 Interval 1179-1512
T 60,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
112
110
108
106
104
102
100
1
10
t/t'
100
1,000


County Harris Lat. 29°47'28" Long. 95°20'01"
Date Sept. 30, 1939 Well No. LJ-65-14-759
Aquifer Gulf Coast sands Pre-Test Water Level 182.0
Discharge 2,030 Specific Capacity 25.8
Depth of Well 1,291 Aquifer Thickness
Total Screened Footage 334 Interval 461-1279
T 95,000 S P 284
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
108
106
104
102
100
98
96
94
.1
1
t/t'
10
100

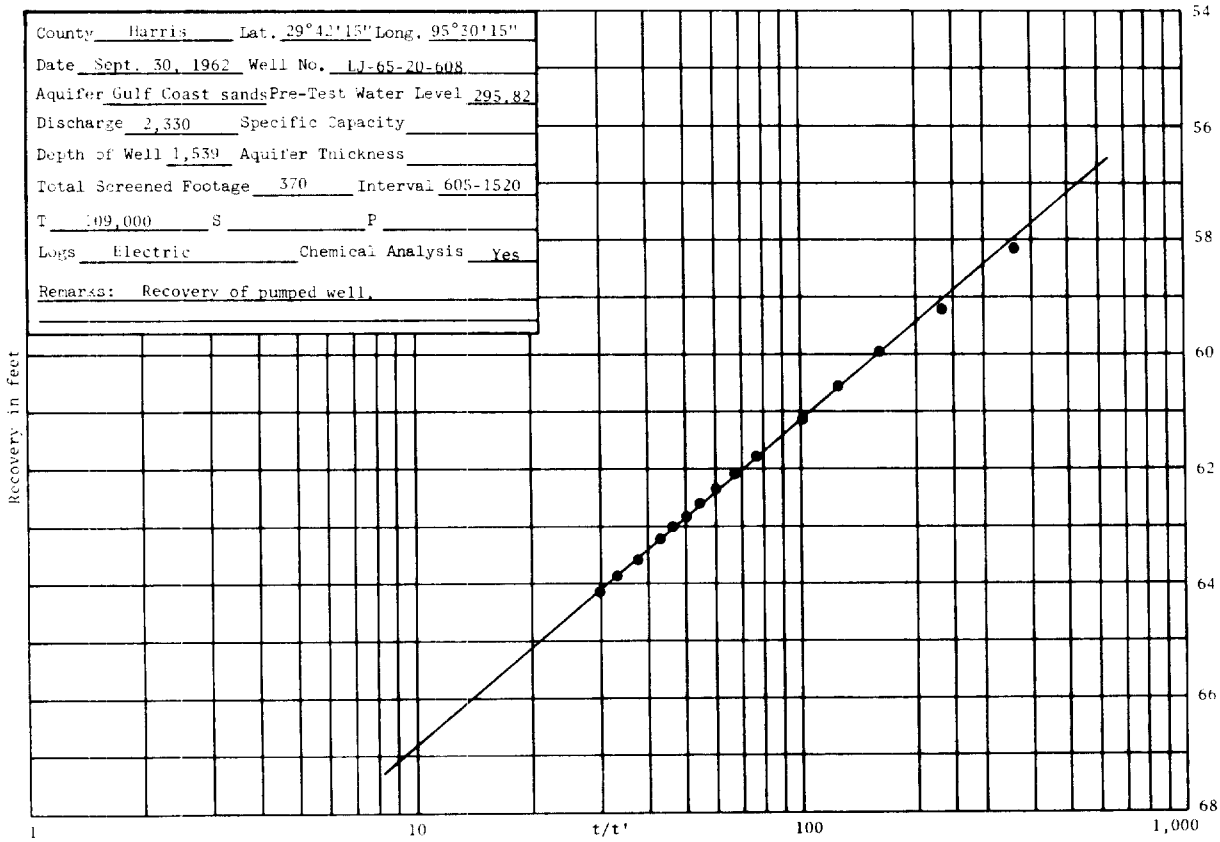

County Harris Lat. 29°45'42" Long. 95°01'05"
Date Oct. 17, 1949 Well No. LJ-65-16-907
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 2,420 Specific Capacity
Depth of Well 1,727 Aquifer Thickness
Total Screened Footage 329 Interval 776-1724
T 30,400 S P 92
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
0
5
10
15
20
25
30
35
Depth to water in feet
.1
1
t/t'
10
100

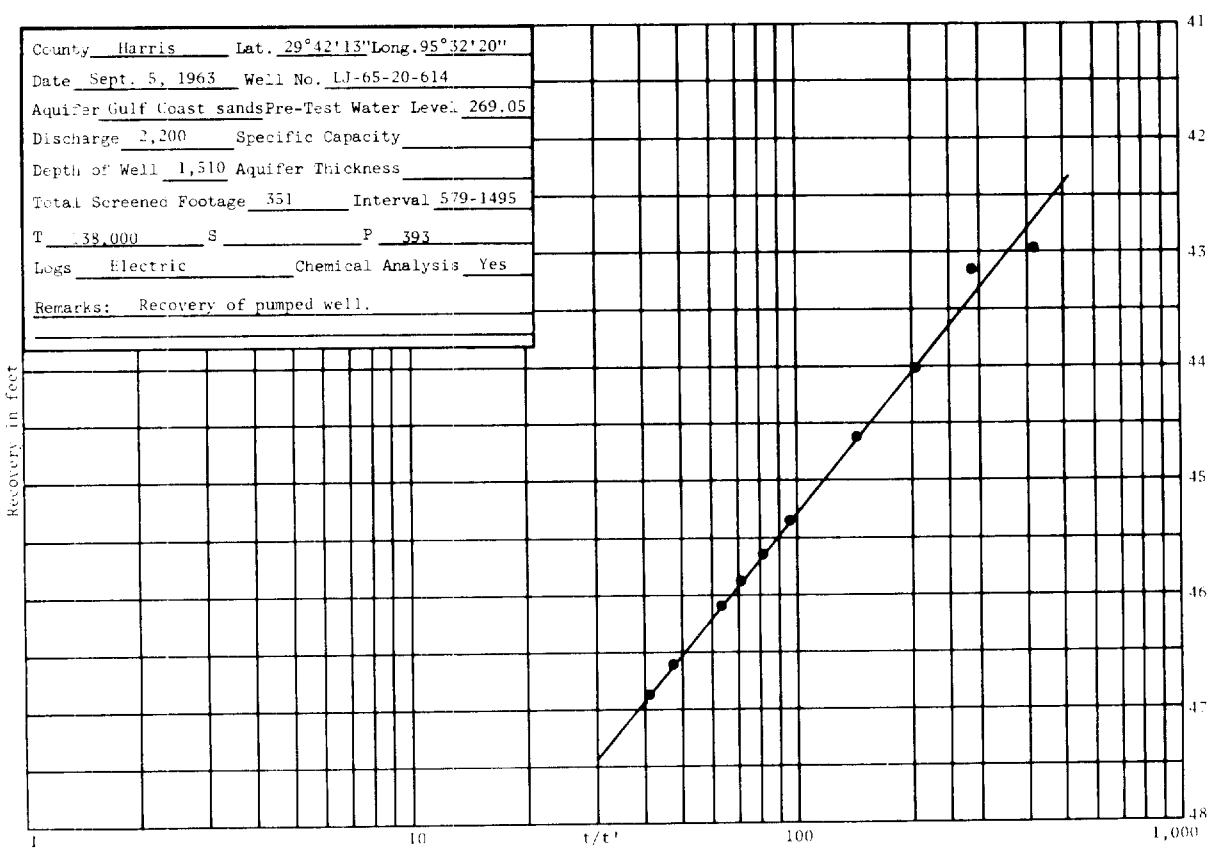


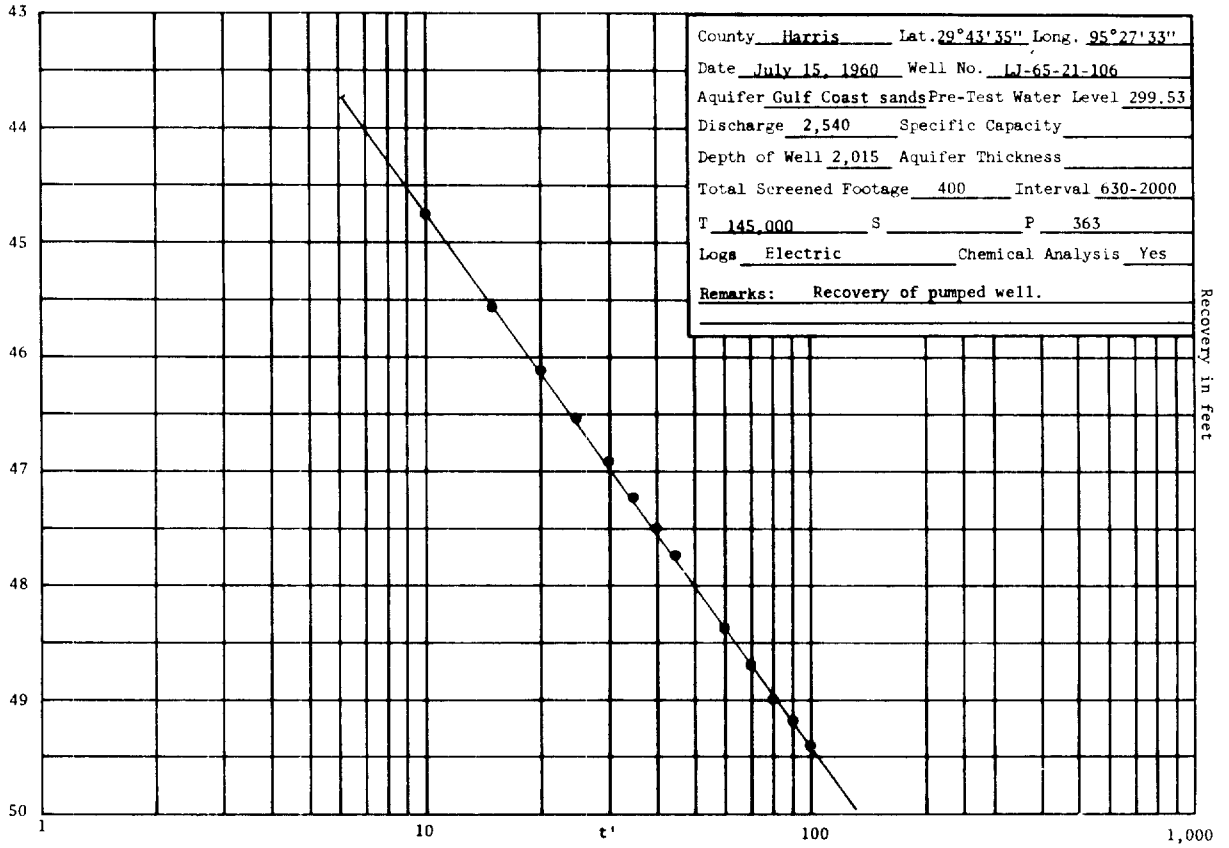
County Harris Lat. 29°45'24" Long. 95°01'09"
Date Sept. 8, 1949 Well No. LJ-65-16-908
Aquifer Gulf Coast sands Pre-Test Water Level 127.0
Discharge 2,420 Specific Capacity
Depth of Well 1,583 Aquifer Thickness
Total Screened Footage 53 Interval 803-1088
T 27,600 S .0004 P 520
Logs None Chemical Analysis Yes
Remarks: Drawdown in observation well.

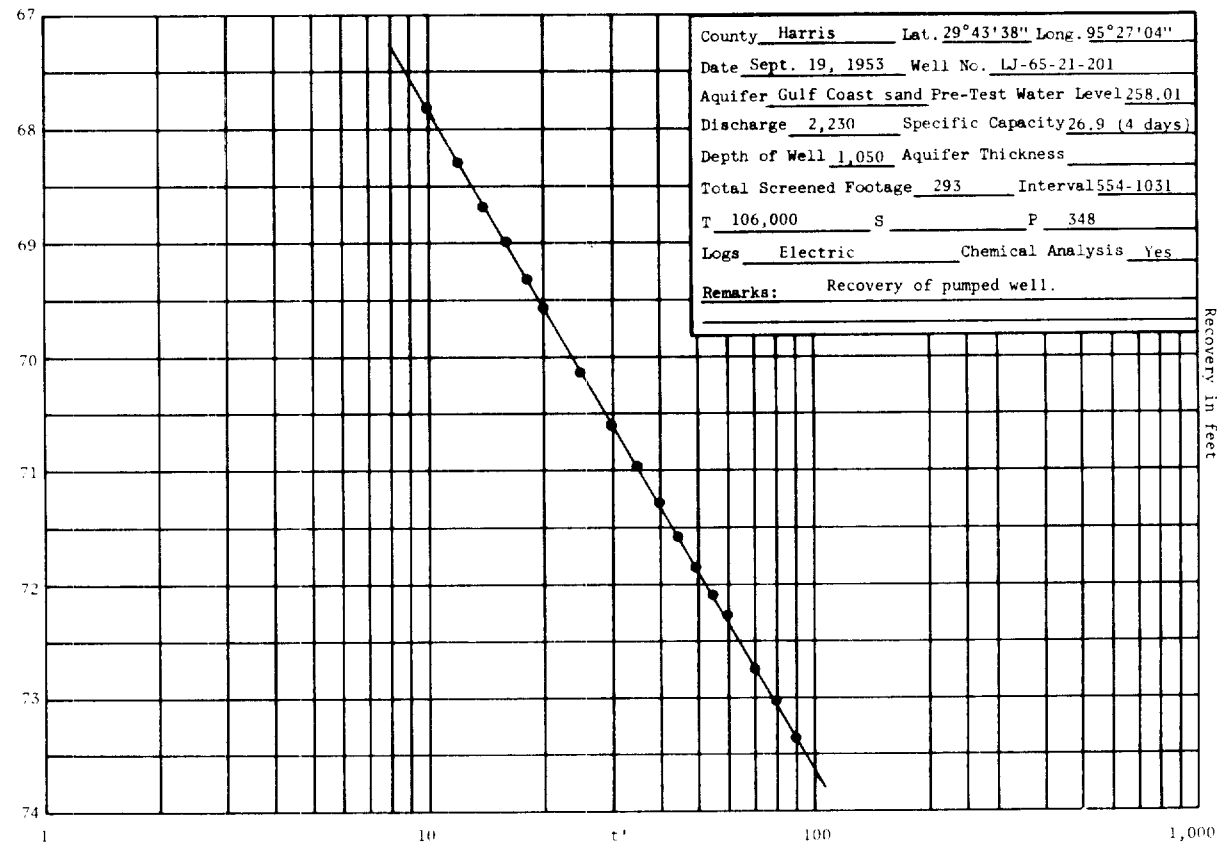


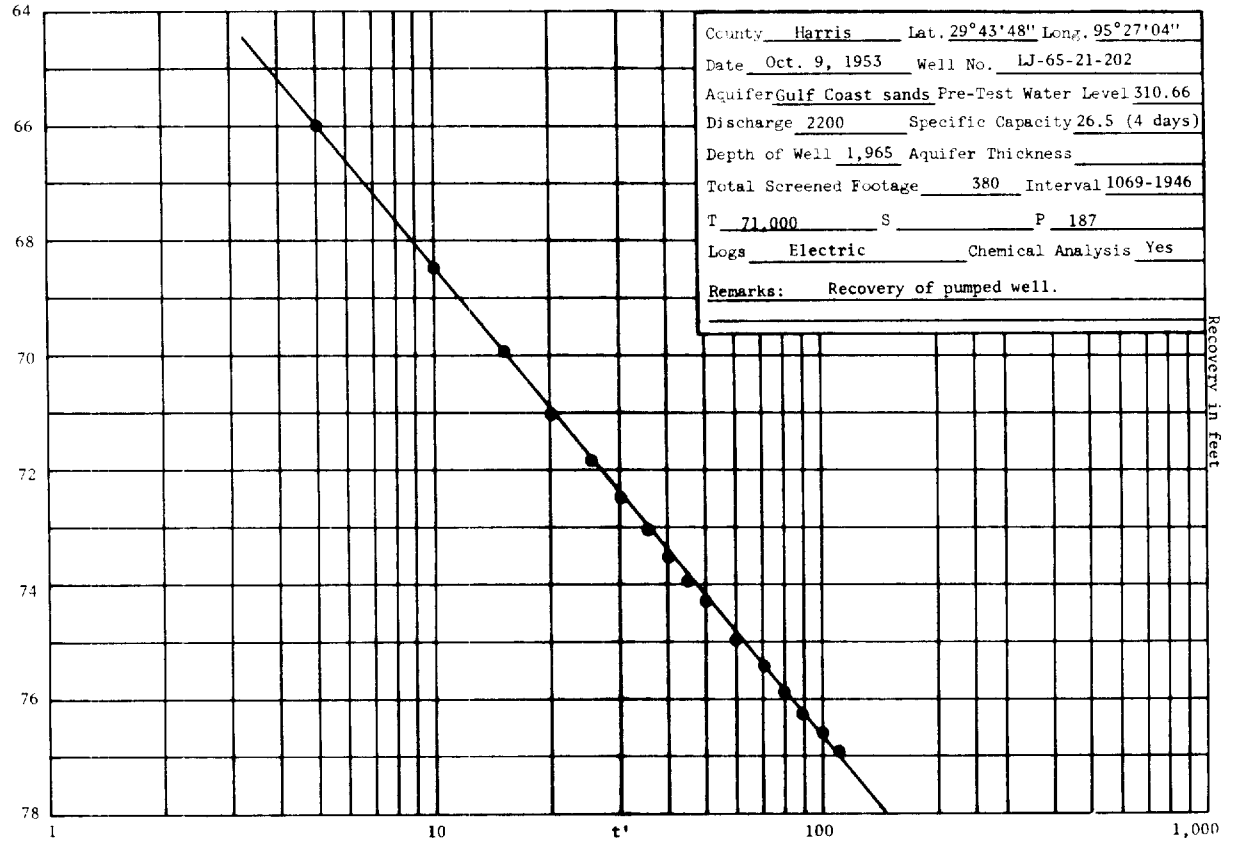
County Harris Lat. 29°43'17" Long. 95°31'25"
Date Aug. 14, 1955 Well No. LJ-65-20-304
Aquifer Gulf Coast sands Pre-Test Water Level 248.46
Discharge 2,330 Specific Capacity
Depth of Well 1,612 Aquifer Thickness
Total Screened Footage 375 Interval 755-1552
T 92,700 S P 247
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

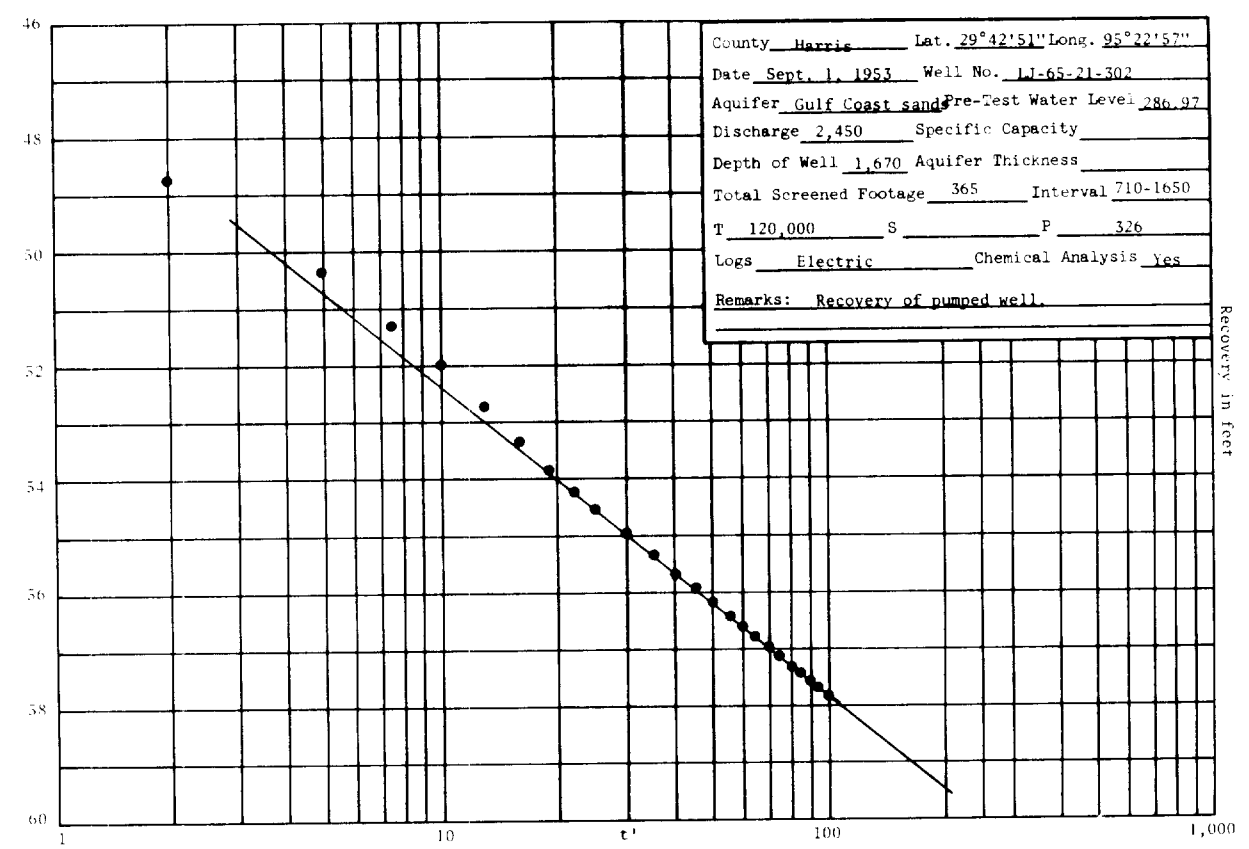

County Harris Lat. 29°42'15" Long. 95°30'15"
Date Sept. 30, 1962 Well No. LJ-65-20-608
Aquifer Gulf Coast sands Pre-Test Water Level 295.82
Discharge 2,330 Specific Capacity
Depth of Well 1,539 Aquifer Thickness
Total Screened Footage 370 Interval 605-1520
T 109,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
54
56
58
60
62
64
66
68
1
10
t/t'
100
1,000

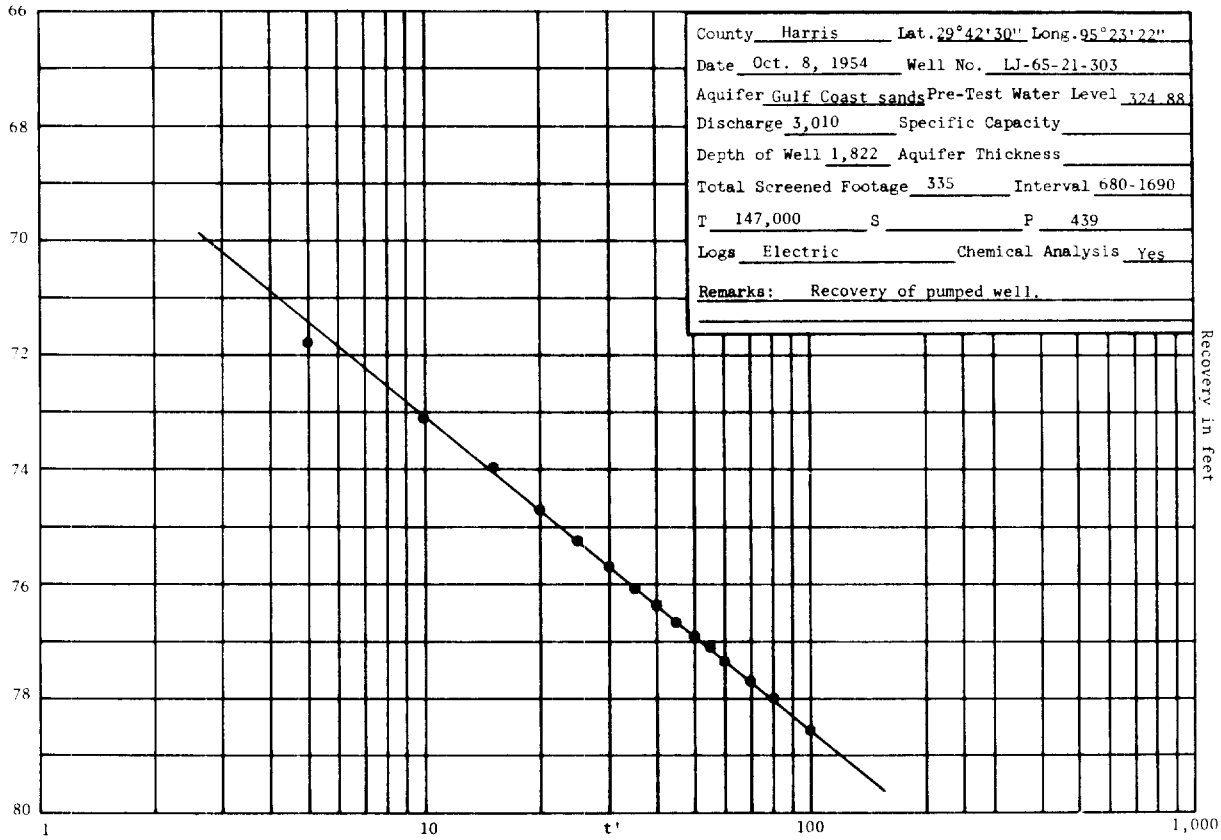

County Harris Lat. 29°42'13" Long. 95°32'20"
Date Sept. 5, 1963 Well No. LJ-65-20-614
Aquifer Gulf Coast sands Pre-Test Water Level 269.05
Discharge 2,200 Specific Capacity
Depth of Well 1,510 Aquifer Thickness
Total Screened Footage 351 Interval 579-1495
T 138,000 S P 393
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
41
42
43
44
45
46
47
48
1
10
t/t'
100
1,000

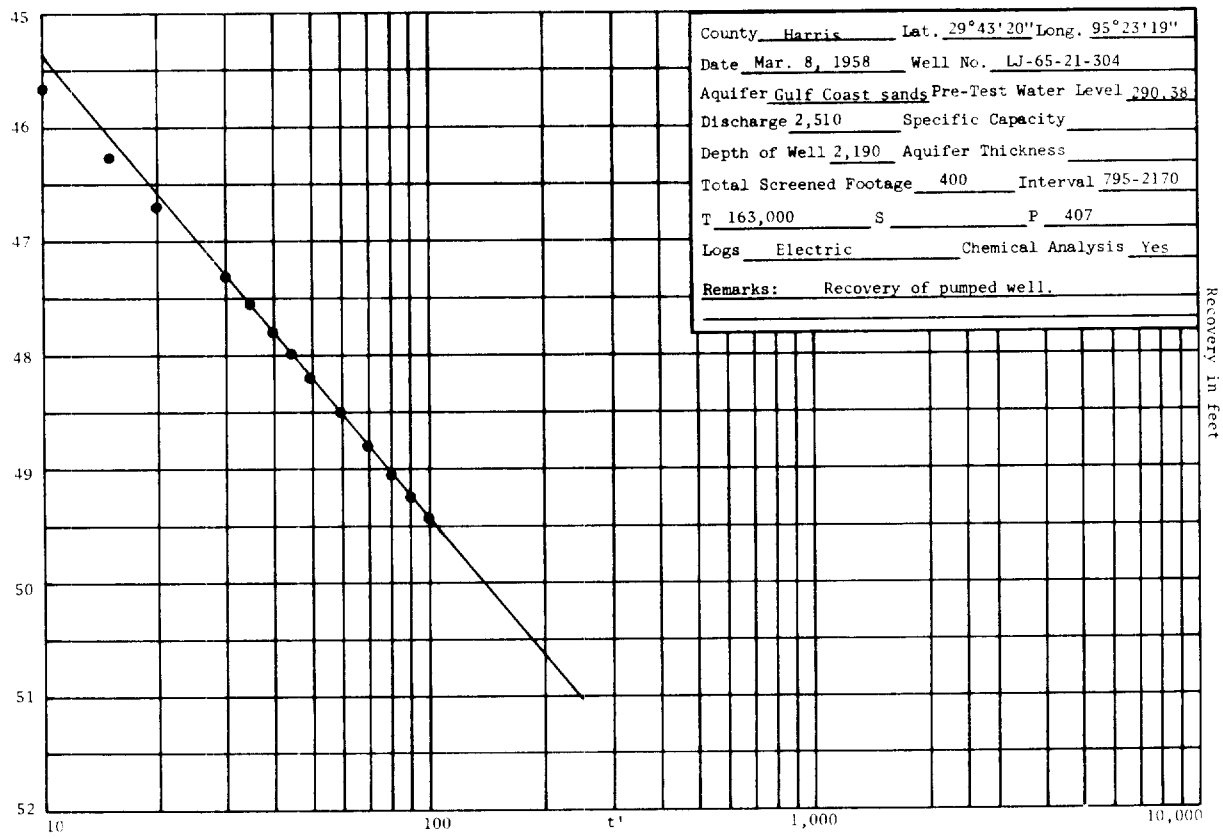

County Harris Lat. 29°43'35" Long. 95°27'33"
Date July 15, 1960 Well No. LJ-65-21-106
Aquifer Gulf Coast sands Pre-Test Water Level 299.53
Discharge 2,540 Specific Capacity
Depth of Well 2,015 Aquifer Thickness
Total Screened Footage 400 Interval 630-2000
T 145,000 S P 363
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
43
44
45
46
47
48
49
50
1
10
t'
100
1,000
Recovery in feet

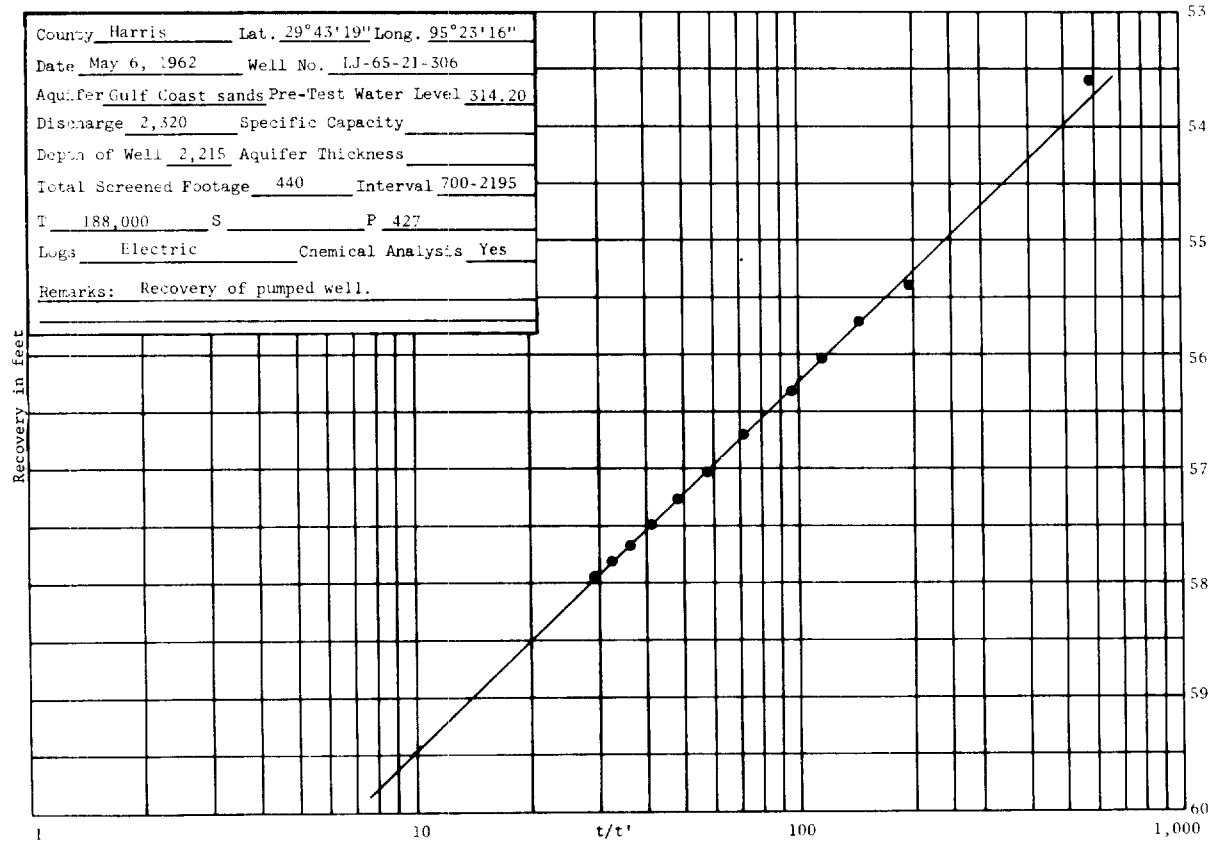

County Harris Lat. 29°43'38" Long. 95°27'04"
Date Sept. 19, 1953 Well No. LJ-65-21-201
Aquifer Gulf Coast sand Pre-Test Water Level 258.01
Discharge 2,230 Specific Capacity 26.9 (4 days)
Depth of Well 1,050 Aquifer Thickness
Total Screened Footage 293 Interval 554-1031
T 106,000 S P 348
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
67
68
69
70
71
72
73
74
1
10
t'
100
1,000
Recovery in feet

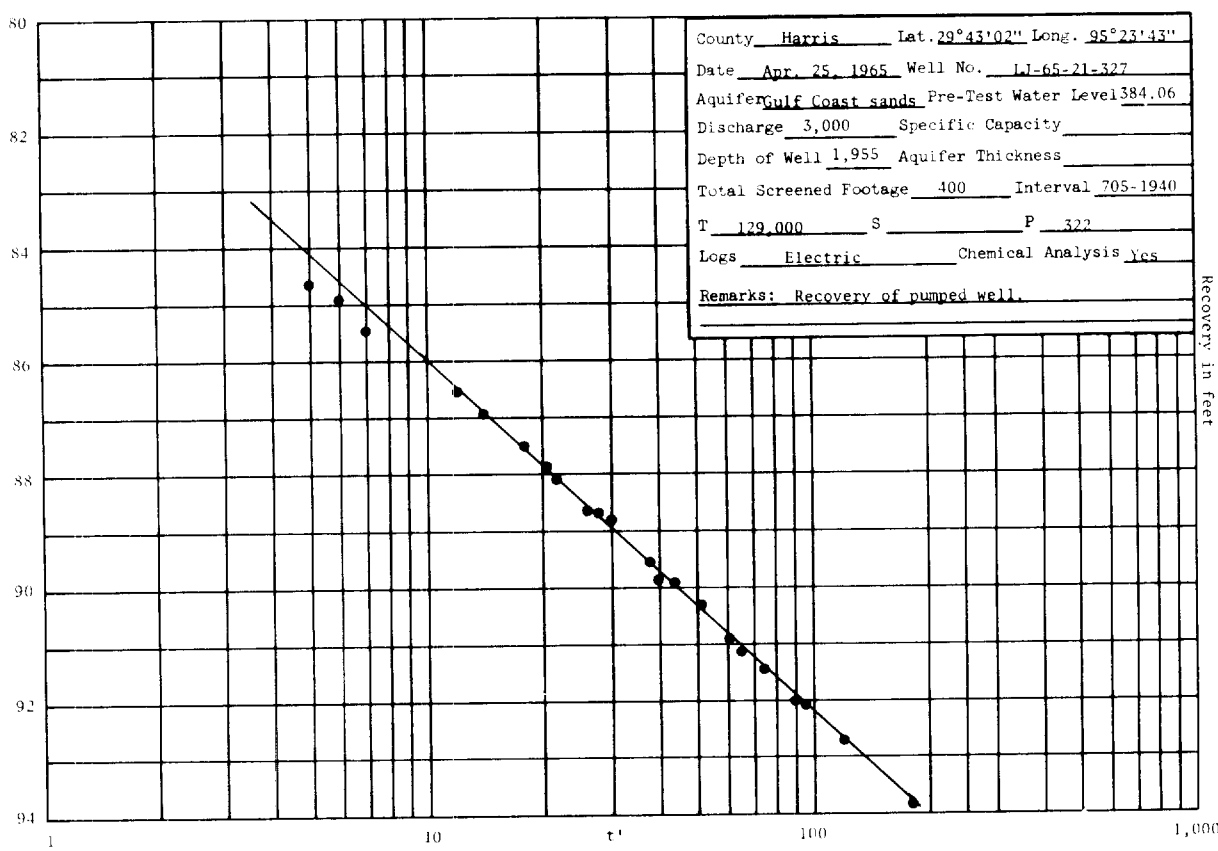

64
66
68
70
72
74
76
78
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°43'48" Long. 95°27'04"
Date Oct. 9, 1953 Well No. LJ-65-21-202
Aquifer Gulf Coast sands Pre-Test Water Level 310.66
Discharge 2200 Specific Capacity 26.5 (4 days)
Depth of Well 1,965 Aquifer Thickness
Total Screened Footage 380 Interval 1069-1946
T 71,000 S P 187
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

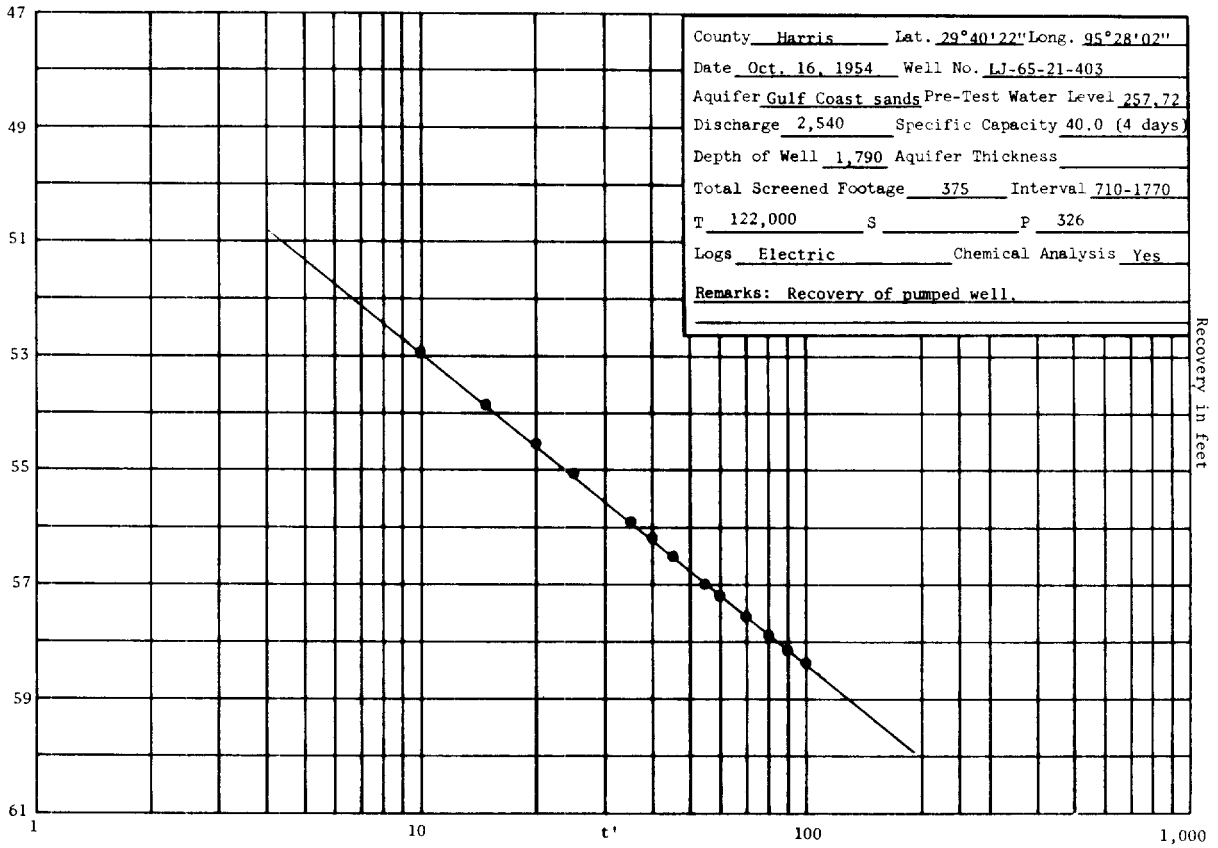

46
48
50
52
54
56
58
60
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°42'51" Long. 95°22'57"
Date Sept. 1, 1953 Well No. LJ-65-21-302
Aquifer Gulf Coast sands Pre-Test Water Level 286.97
Discharge 2,450 Specific Capacity
Depth of Well 1,670 Aquifer Thickness
Total Screened Footage 365 Interval 710-1650
T 120,000 S P 326
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

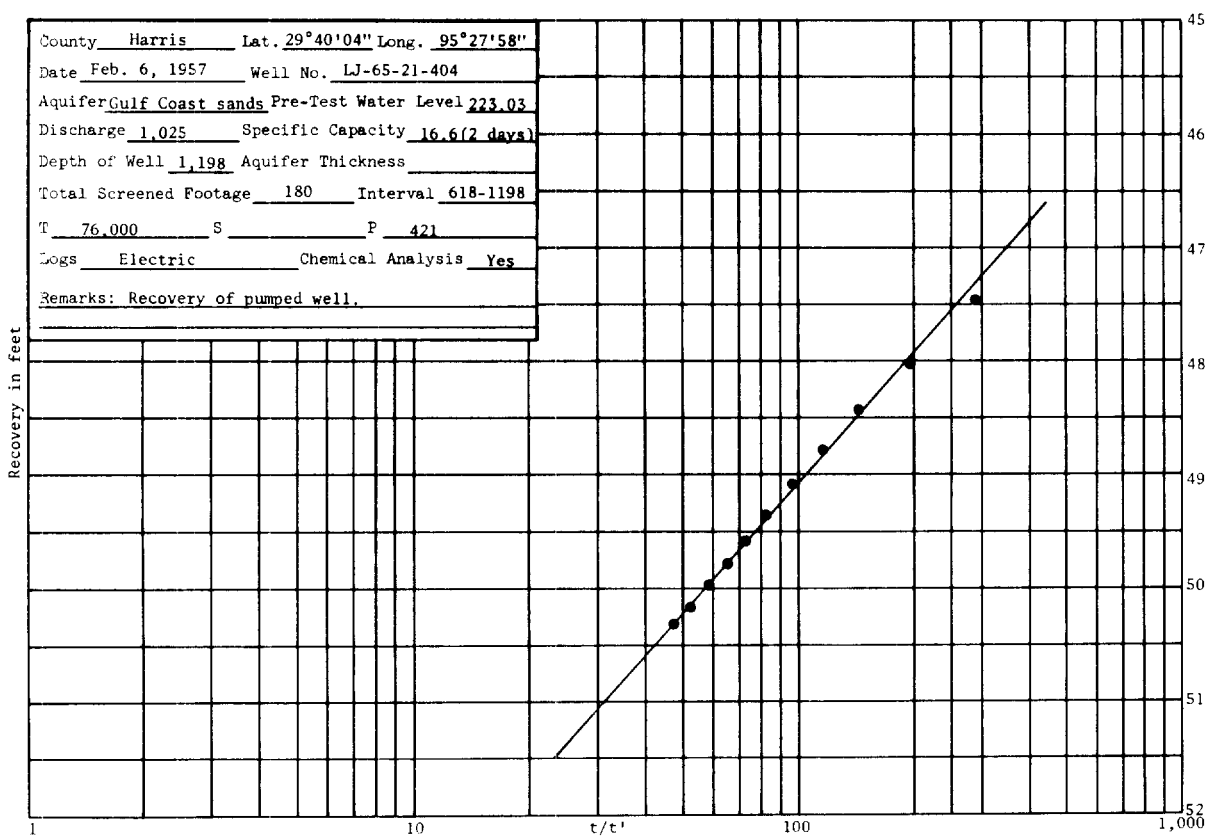

66
68
70
72
74
76
78
80
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°42'30" Long. 95°23'22"
Date Oct. 8, 1954 Well No. LJ-65-21-303
Aquifer Gulf Coast sands Pre-Test Water Level 324.88
Discharge 3,010 Specific Capacity
Depth of Well 1,822 Aquifer Thickness
Total Screened Footage 335 Interval 680-1690
T 147,000 S P 439
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

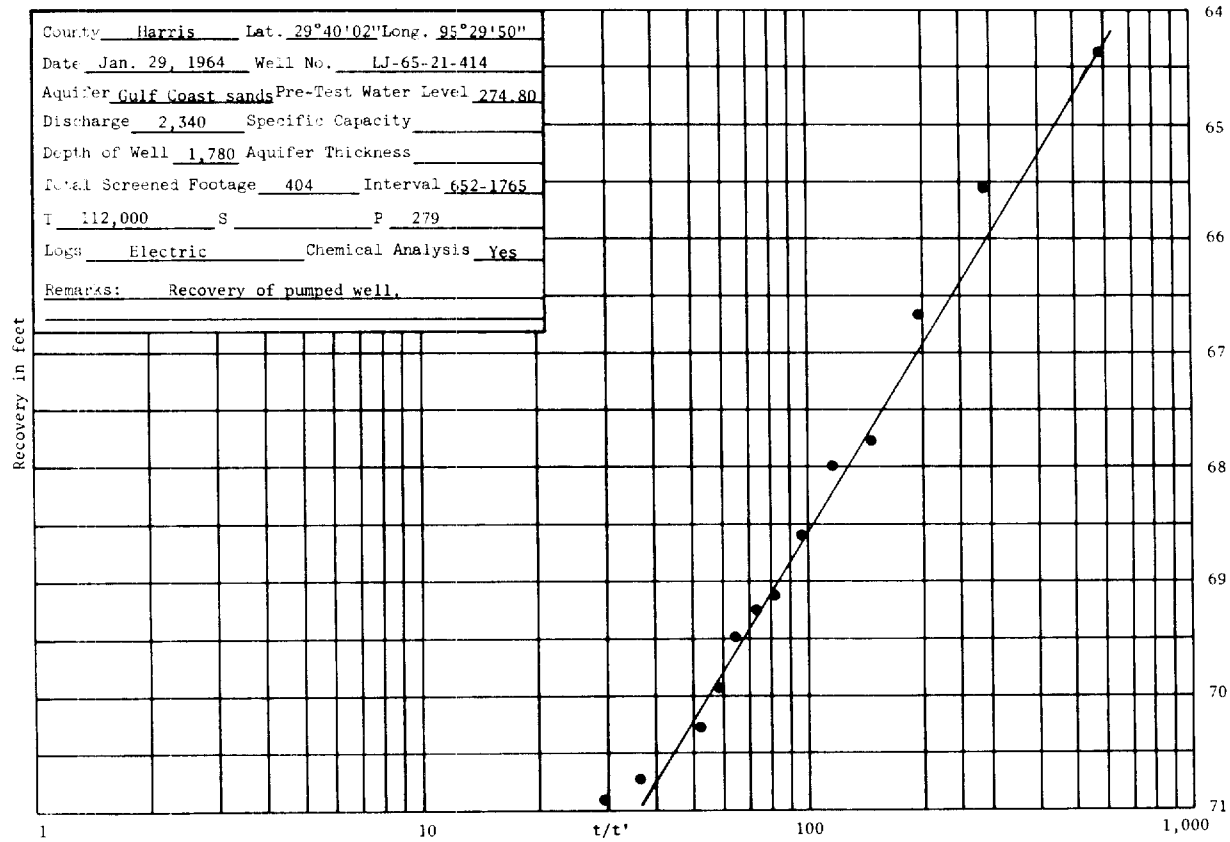

45
46
47
48
49
50
51
52
10
100
t'
1,000
10,000
Recovery in feet
County Harris Lat. 29°43'20" Long. 95°23'19"
Date Mar. 8, 1958 Well No. LJ-65-21-304
Aquifer Gulf Coast sands Pre-Test Water Level 290.38
Discharge 2,510 Specific Capacity
Depth of Well 2,190 Aquifer Thickness
Total Screened Footage 400 Interval 795-2170
T 163,000 S P 407
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

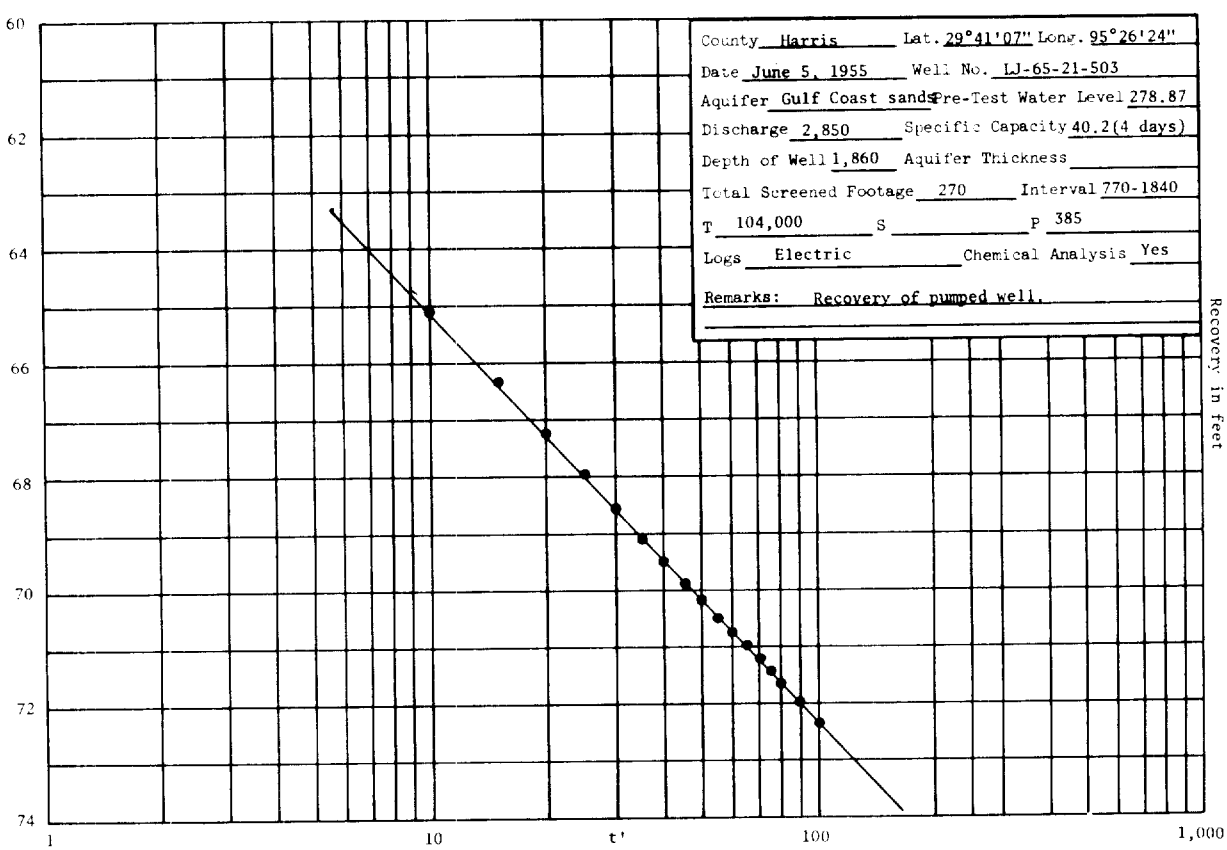

County Harris Lat. 29°43'19" Long. 95°23'16"
Date May 6, 1962 Well No. LJ-65-21-306
Aquifer Gulf Coast sands Pre-Test Water Level 314.20
Discharge 2,320 Specific Capacity
Depth of Well 2,215 Aquifer Thickness
Total Screened Footage 440 Interval 700-2195
T 188,000 S P 427
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
53
54
55
56
57
58
59
60
1
10
t/t'
100
1,000

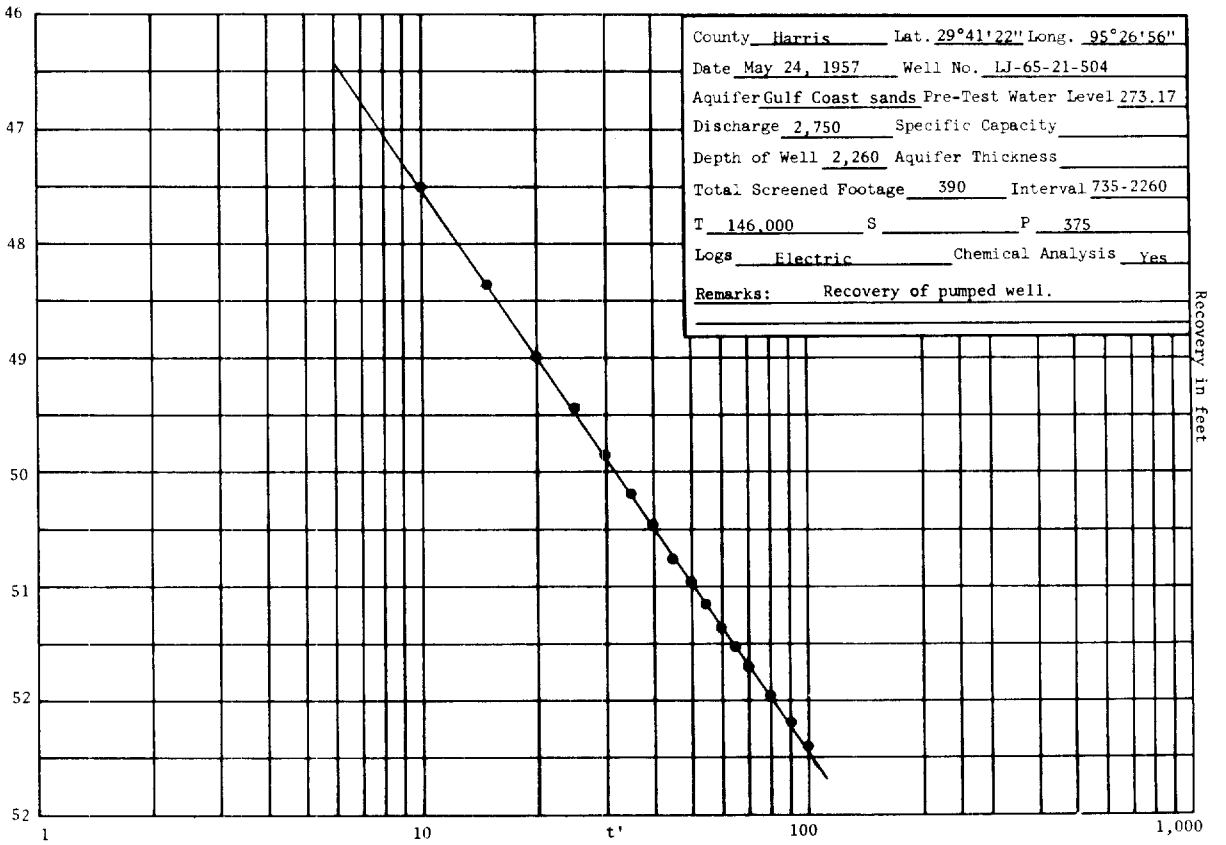

County Harris Lat. 29°43'02" Long. 95°23'43"
Date Apr. 25, 1965 Well No. LJ-65-21-327
Aquifer Gulf Coast sands Pre-Test Water Level 384.06
Discharge 3,000 Specific Capacity
Depth of Well 1,955 Aquifer Thickness
Total Screened Footage 400 Interval 705-1940
T 129,000 S P 322
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
80
82
84
86
88
90
92
94
1
10
t'
100
1,000

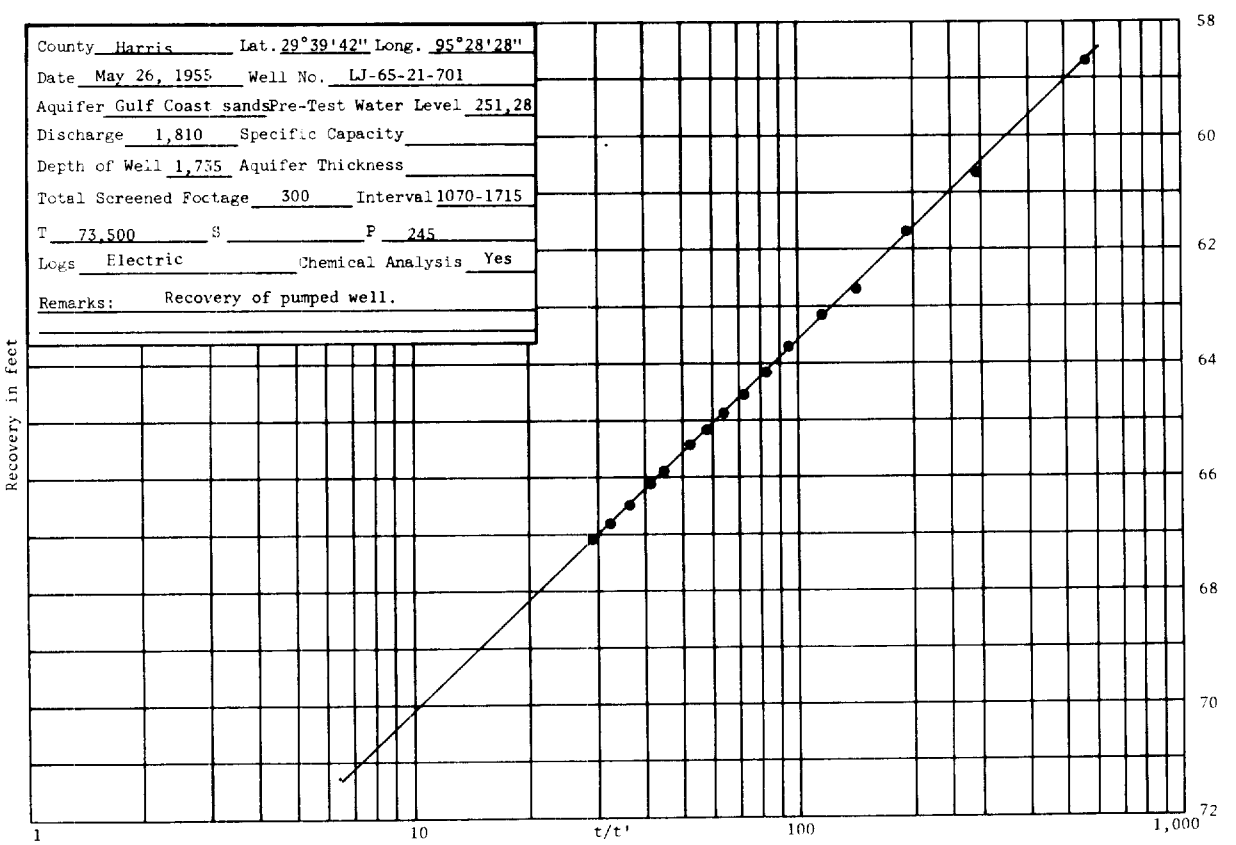

47
49
51
53
55
57
59
61
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°40'22" Long. 95°28'02"
Date Oct. 16, 1954 Well No. LJ-65-21-403
Aquifer Gulf Coast sands Pre-Test Water Level 257.72
Discharge 2,540 Specific Capacity 40.0 (4 days)
Depth of Well 1,790 Aquifer Thickness
Total Screened Footage 375 Interval 710-1770
T 122,000 S P 326
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

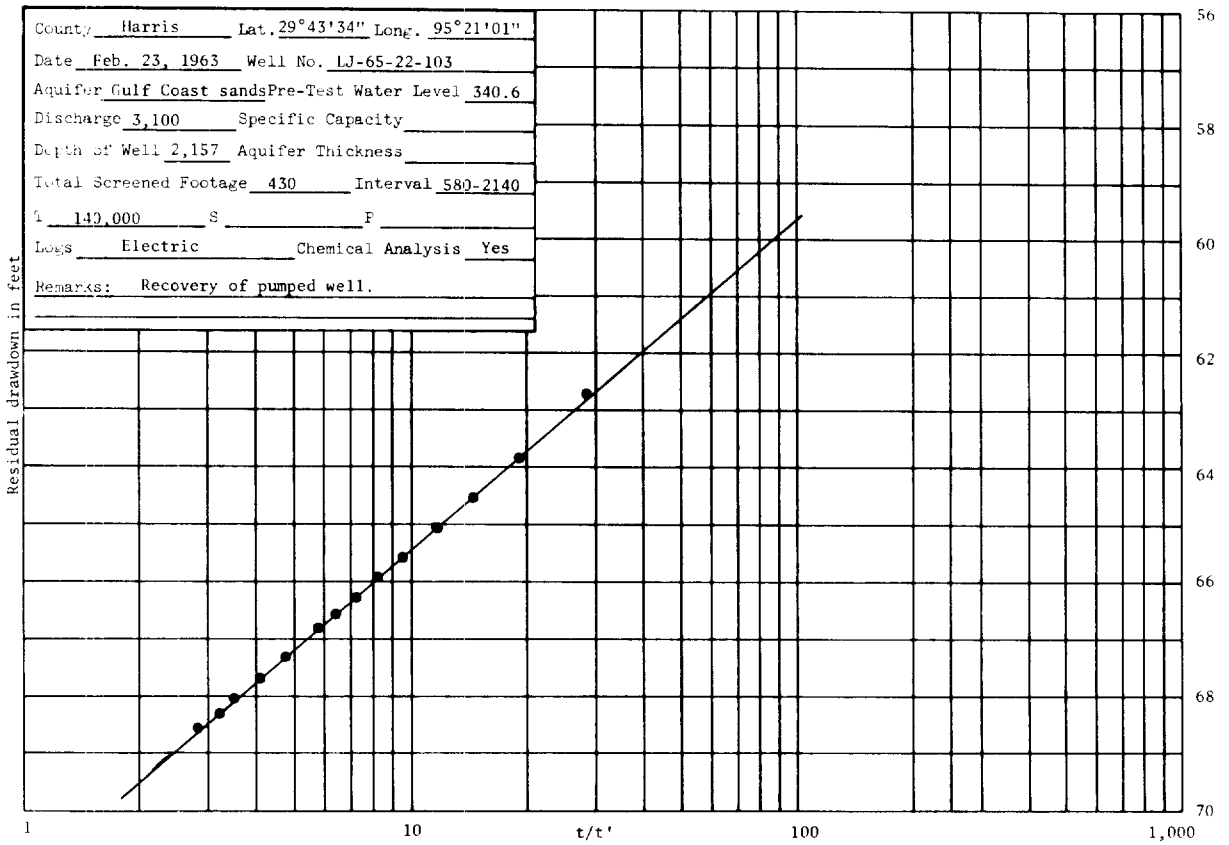

45
46
47
48
49
50
51
52
1
10
t/t'
100
1,000
Recovery in feet
County Harris Lat. 29°40'04" Long. 95°27'58"
Date Feb. 6, 1957 Well No. LJ-65-21-404
Aquifer Gulf Coast sands Pre-Test Water Level 223.03
Discharge 1,025 Specific Capacity 16.6(2 days)
Depth of Well 1,198 Aquifer Thickness
Total Screened Footage 180 Interval 618-1198
T 76,000 S P 421
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

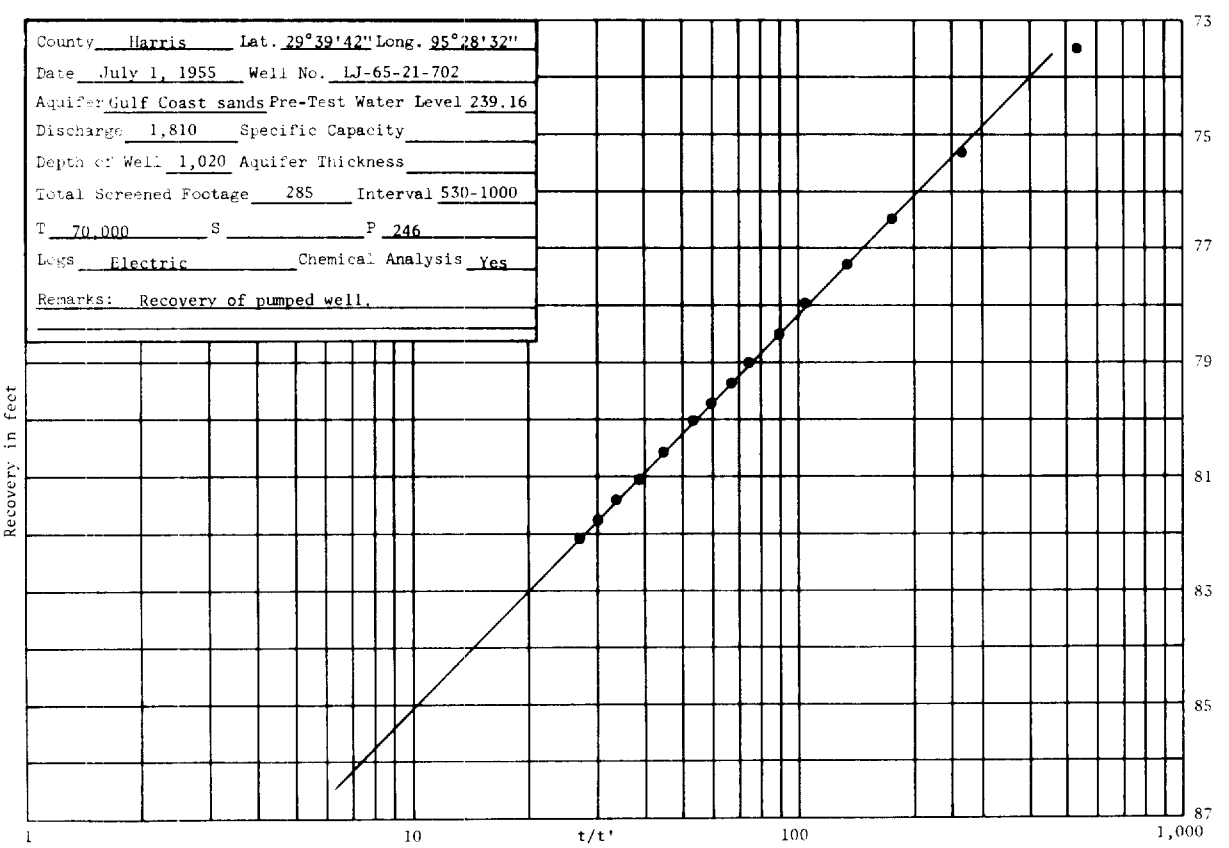

County Harris Lat. 29°40'02" Long. 95°29'50"
Date Jan. 29, 1964 Well No. LJ-65-21-414
Aquifer Gulf Coast sands Pre-Test Water Level 274.80
Discharge 2,340 Specific Capacity
Depth of Well 1,780 Aquifer Thickness
Total Screened Footage 404 Interval 652-1765
T 112,000 S P 279
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
64
65
66
67
68
69
70
71
1
10
t/t'
100
1,000

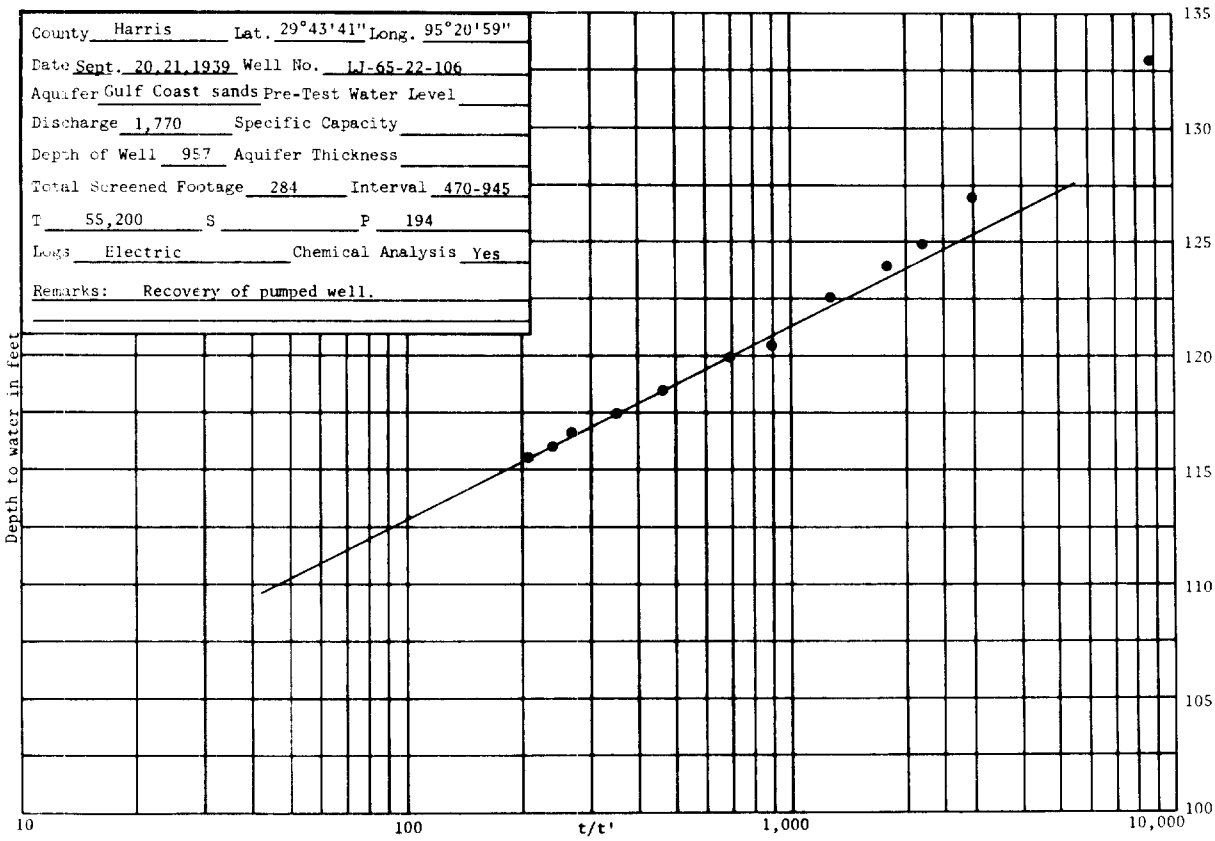

County Harris Lat. 29°41'07" Long. 95°26'24"
Date June 5, 1955 Well No. LJ-65-21-503
Aquifer Gulf Coast sands Pre-Test Water Level 278.87
Discharge 2,850 Specific Capacity 40.2(4 days)
Depth of Well 1,860 Aquifer Thickness
Total Screened Footage 270 Interval 770-1840
T 104,000 S P 385
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
60
62
64
66
68
70
72
74
1
10
t'
100
1,000

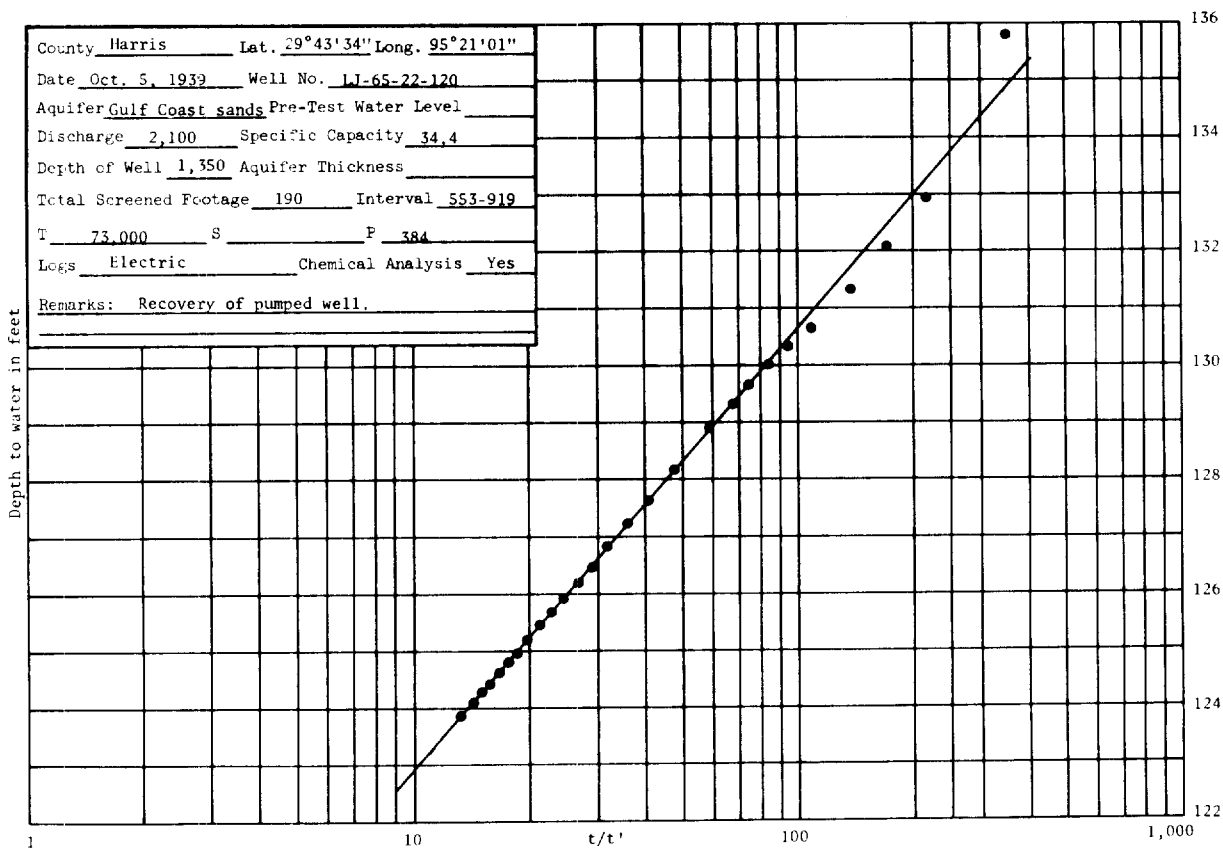

County Harris Lat. 29°41'22" Long. 95°26'56"
Date May 24, 1957 Well No. LJ-65-21-504
Aquifer Gulf Coast sands Pre-Test Water Level 273.17
Discharge 2,750 Specific Capacity
Depth of Well 2,260 Aquifer Thickness
Total Screened Footage 390 Interval 735-2260
T 146,000 S P 375
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
46
47
48
49
50
51
52
52
1
10
t'
100
1,000
Recovery in feet

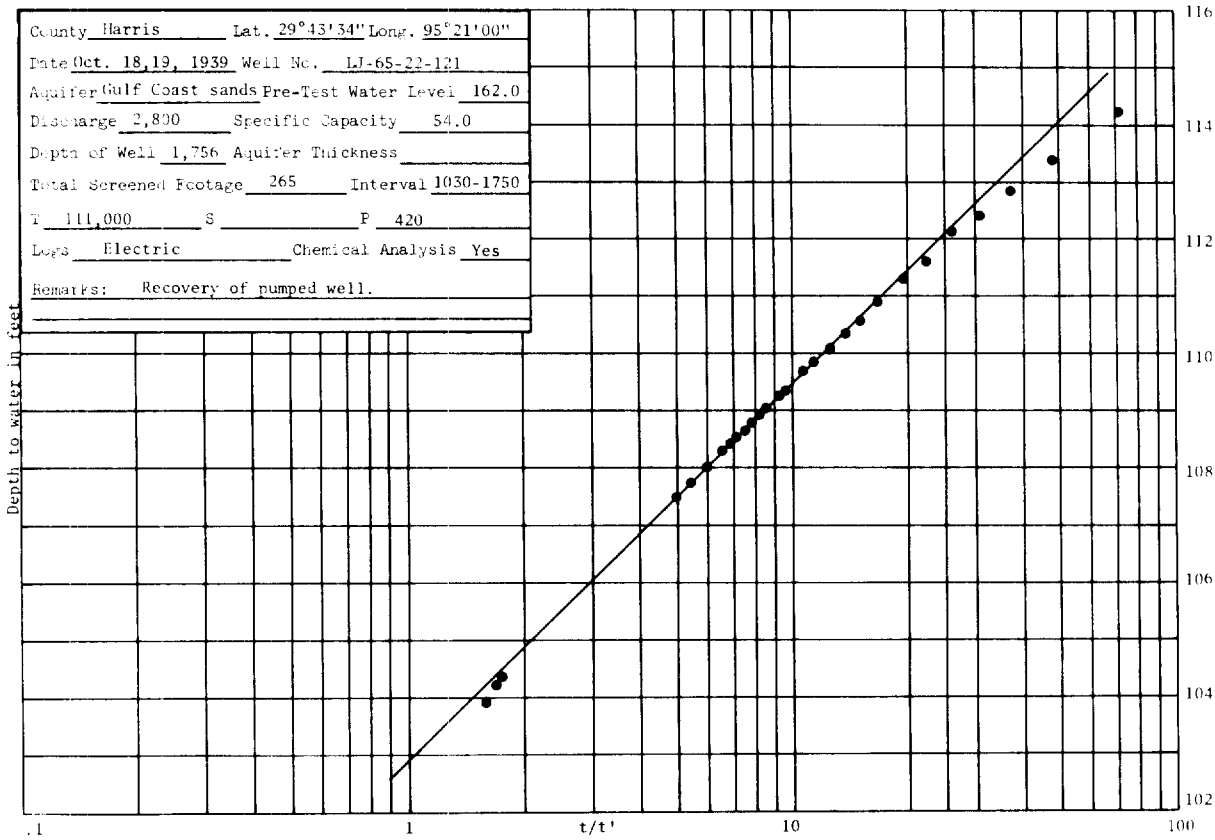

County Harris Lat. 29°39'42" Long. 95°28'28"
Date May 26, 1955 Well No. LJ-65-21-701
Aquifer Gulf Coast sands Pre-Test Water Level 251,28
Discharge 1,810 Specific Capacity
Depth of Well 1,735 Aquifer Thickness
Total Screened Footage 300 Interval 1070-1715
T 73,500 S P 245
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
58
60
62
64
66
68
70
72
1
10
t/t'
100
1,000
Recovery in feet

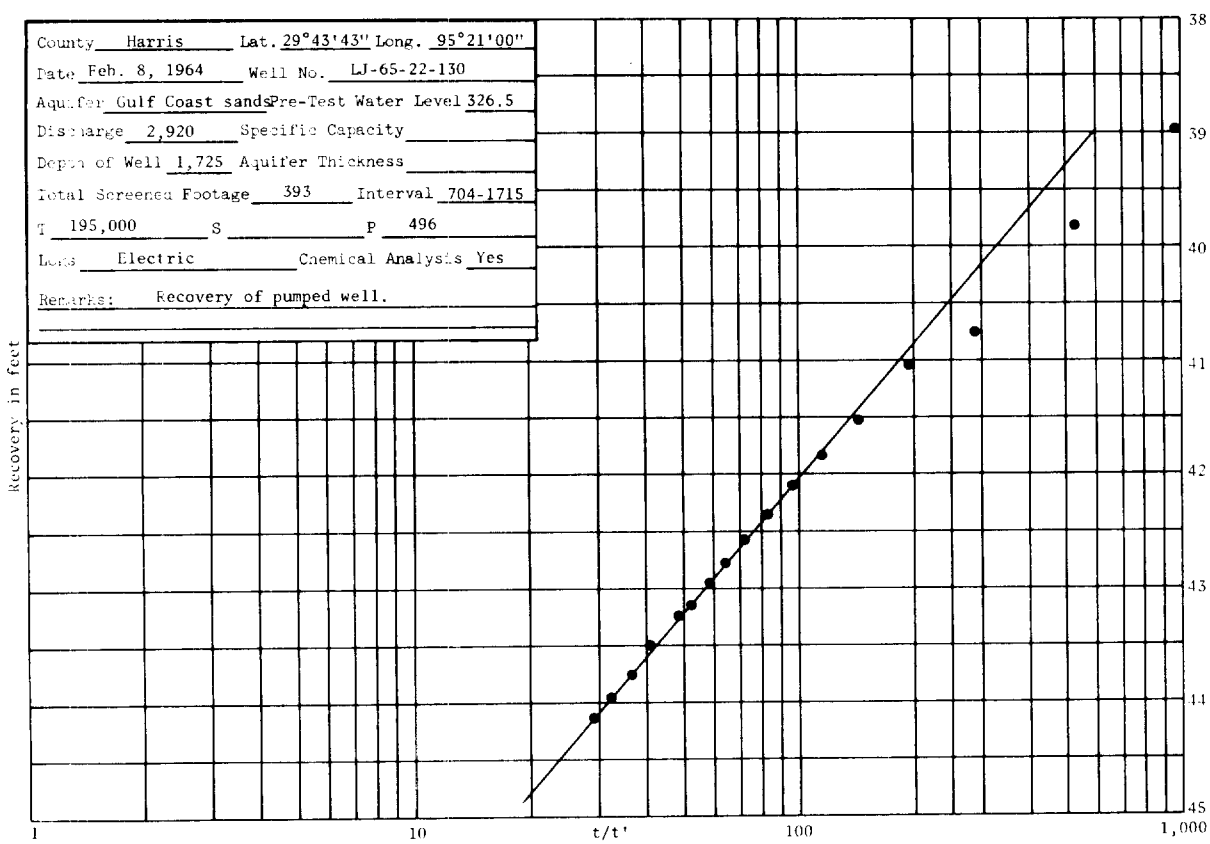

County Harris Lat. 29°43'34" Long. 95°21'01"
Date Feb. 23, 1963 Well No. LJ-65-22-103
Aquifer Gulf Coast sands Pre-Test Water Level 340.6
Discharge 3,100 Specific Capacity
Depth of Well 2,157 Aquifer Thickness
Total Screened Footage 430 Interval 580-2140
T 140,000 S F
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
56
58
60
62
64
66
68
70
1
10
t/t'
100
1,000

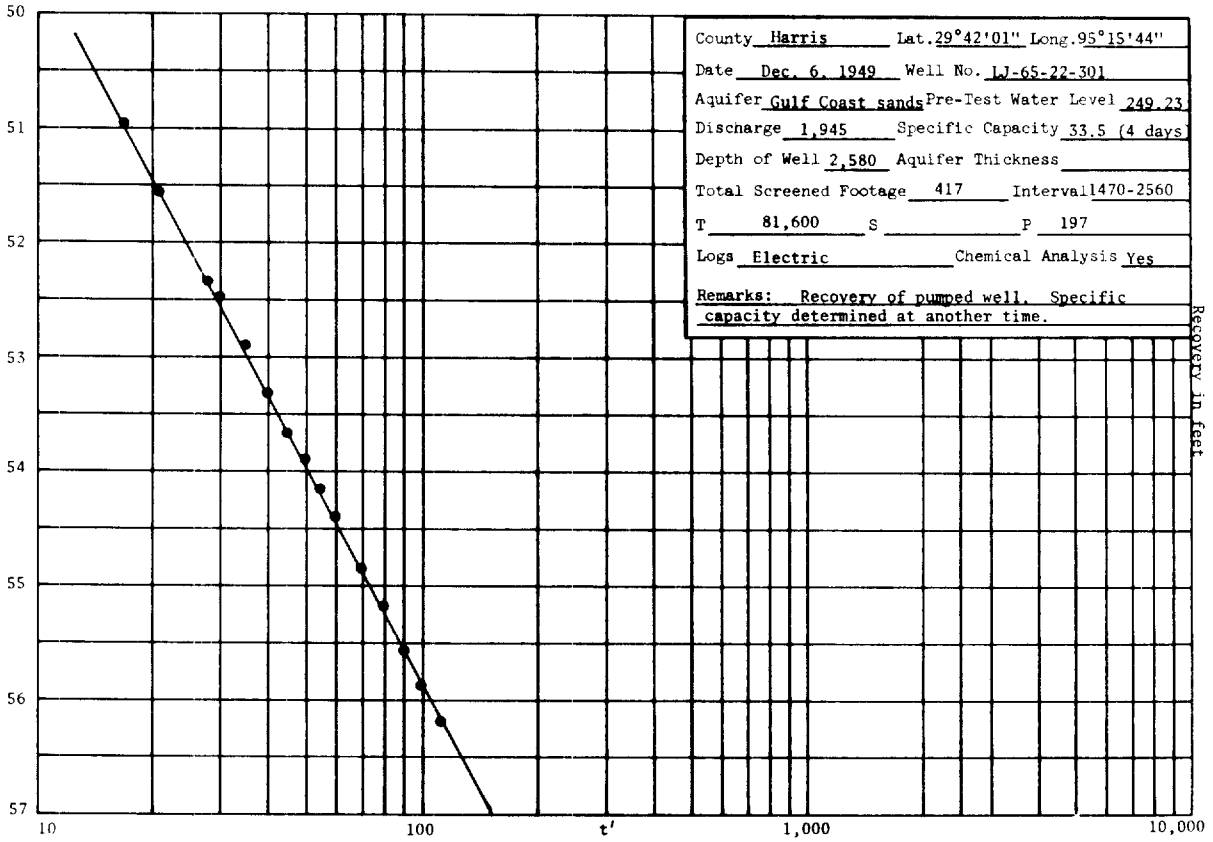

County Harris Lat. 29°39'42" Long. 95°28'32"
Date July 1, 1955 Well No. LJ-65-21-702
Aquifer Gulf Coast sands Pre-Test Water Level 239.16
Discharge 1,810 Specific Capacity
Depth of Well 1,020 Aquifer Thickness
Total Screened Footage 285 Interval 530-1000
T 70,000 S P 246
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
73
75
77
79
81
83
85
87
1
10
t/t'
100
1,000

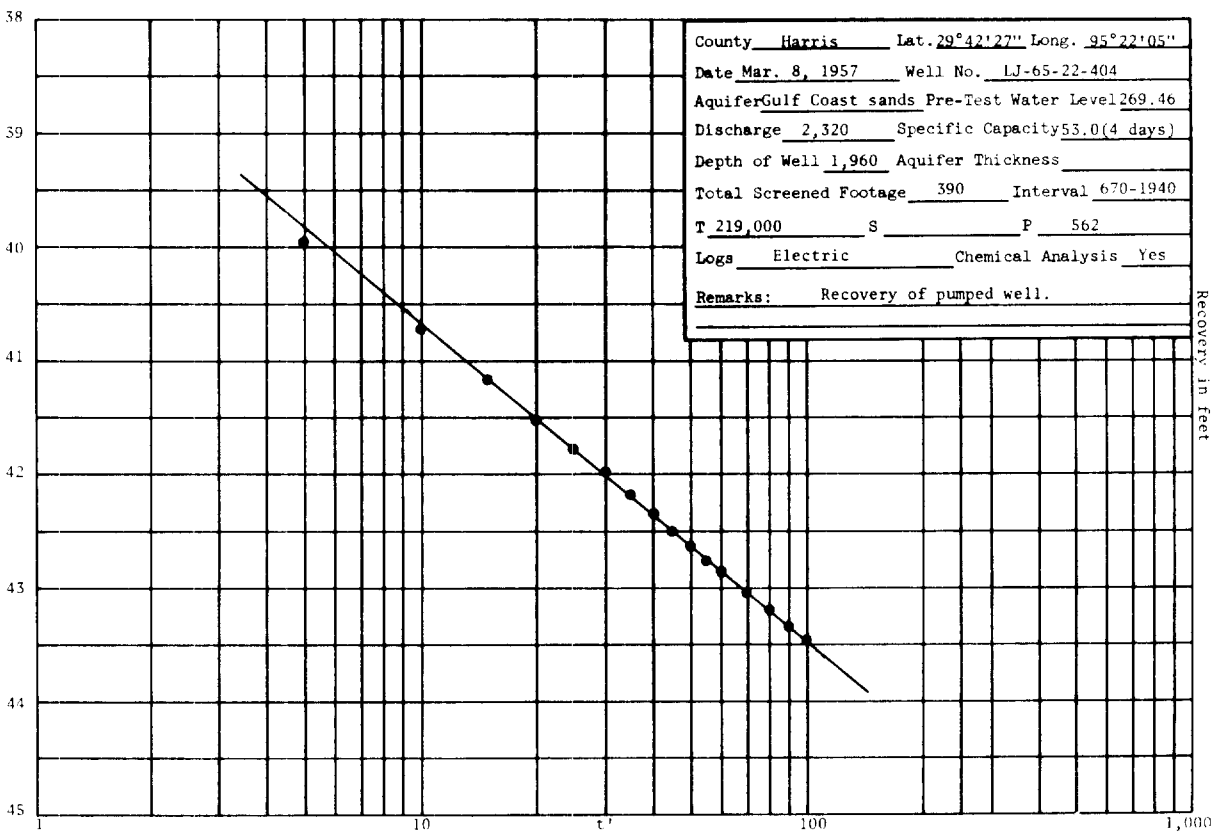

County Harris Lat. 29°43'41" Long. 95°20'59"
Date Sept. 20,21,1939 Well No. LJ-65-22-106
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 1,770 Specific Capacity
Depth of Well 957 Aquifer Thickness
Total Screened Footage 284 Interval 470-945
T 55,200 S P 194
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
135
130
125
120
115
110
105
100
10
100
t/t'
1,000
10,000

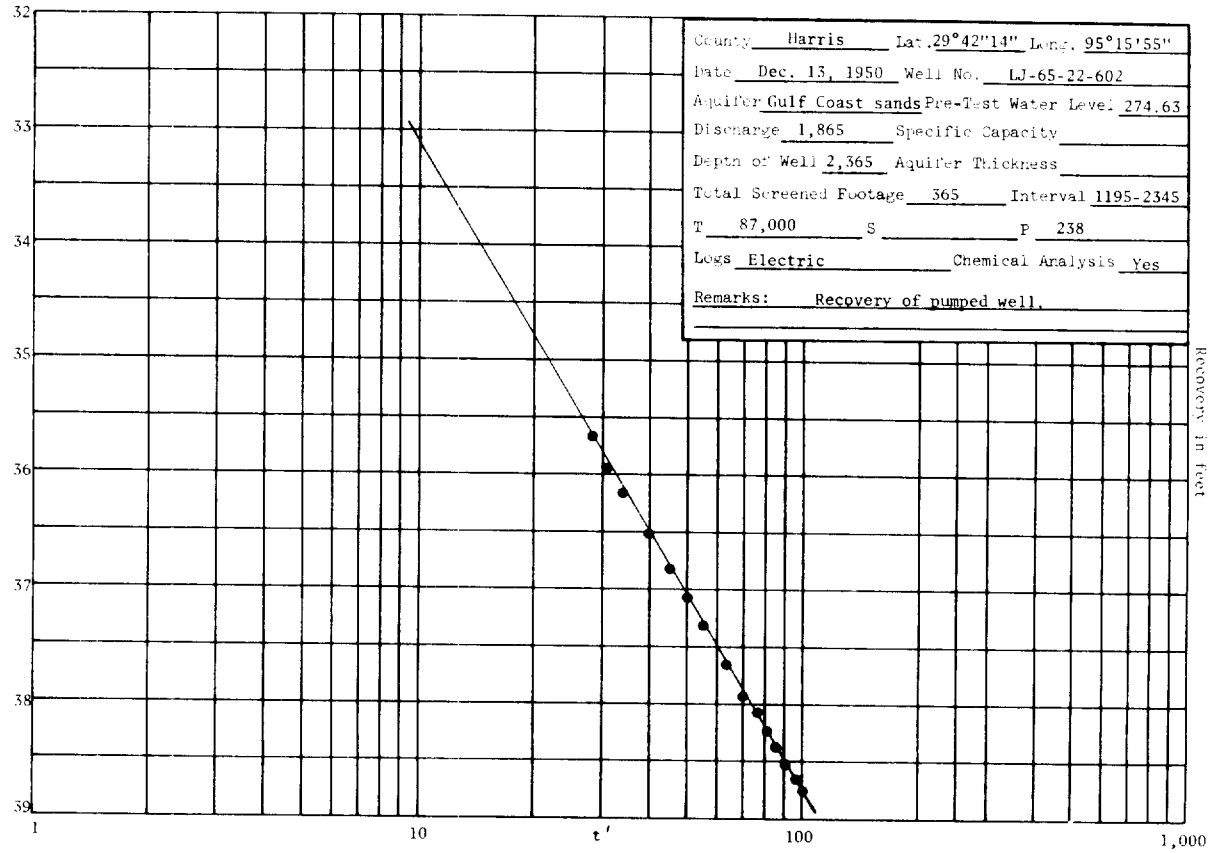

County Harris Lat. 29°43'34" Long. 95°21'01"
Date Oct. 5, 1939 Well No. LJ-65-22-120
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 2,100 Specific Capacity 34.4
Depth of Well 1,350 Aquifer Thickness
Total Screened Footage 190 Interval 553-919
T 73,000 S P 384
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
136
134
132
130
128
126
124
122
1
10
t/t'
100
1,000

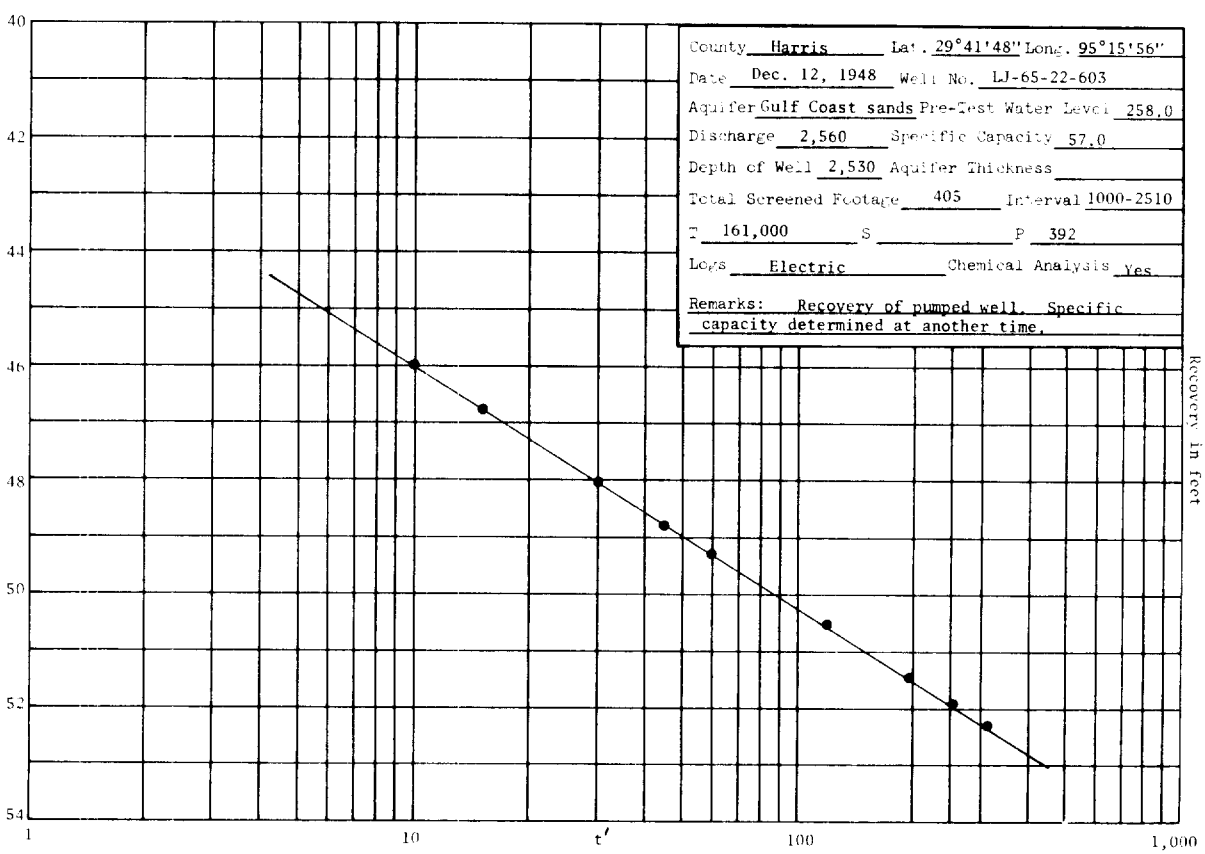

County Harris Lat. 29°43'34" Long. 95°21'00"
Date Oct. 18,19, 1939 Well No. LJ-65-22-121
Aquifer Gulf Coast sands Pre-Test Water Level 162.0
Discharge 2,800 Specific Capacity 54.0
Depth of Well 1,756 Aquifer Thickness
Total Screened Footage 265 Interval 1030-1750
T 111,000 S P 420
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
116
114
112
110
108
106
104
102
.1
1
t/t'
10
100

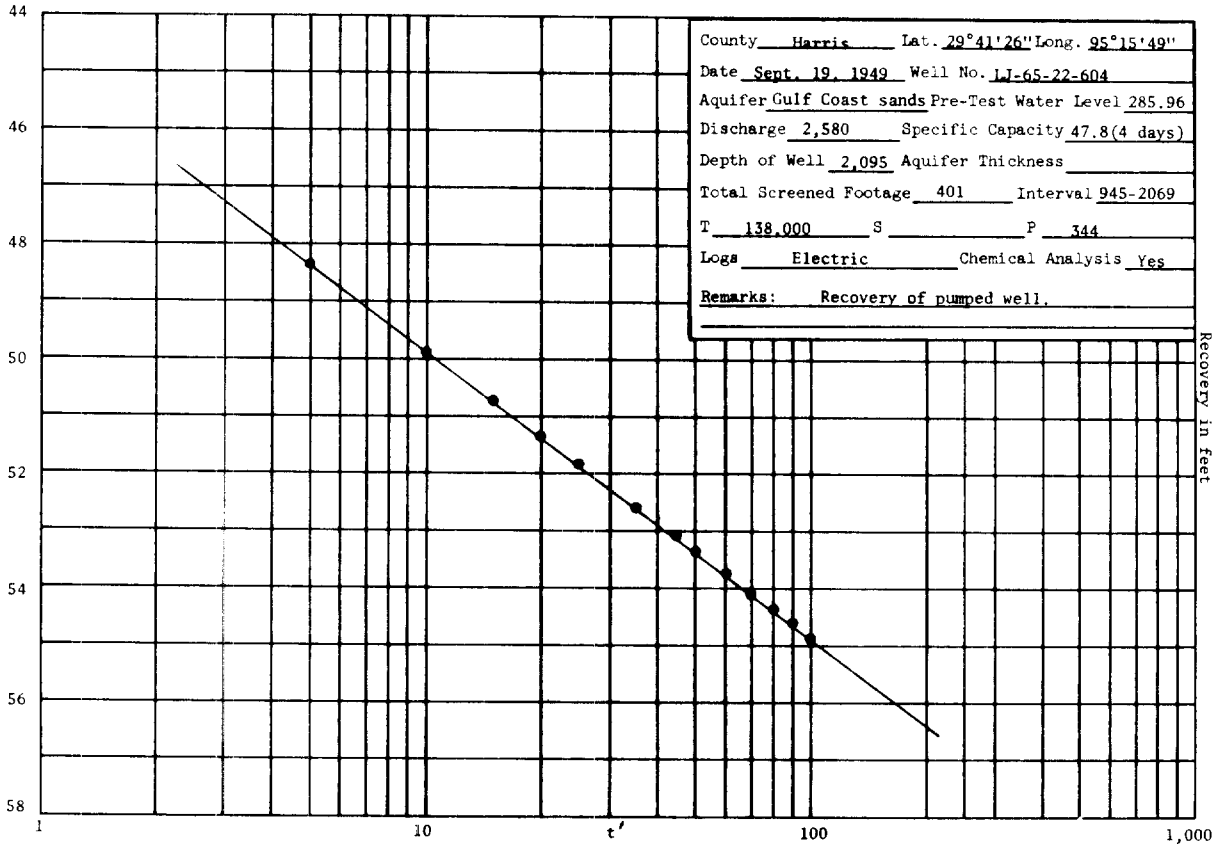

County Harris Lat. 29°43'43" Long. 95°21'00"
Date Feb. 8, 1964 Well No. LJ-65-22-130
Aquifer Gulf Coast sands Pre-Test Water Level 326.5
Discharge 2,920 Specific Capacity
Depth of Well 1,725 Aquifer Thickness
Total Screened Footage 393 Interval 704-1715
T 195,000 S P 496
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
38
39
40
41
42
43
44
45
1
10
t/t'
100
1,000

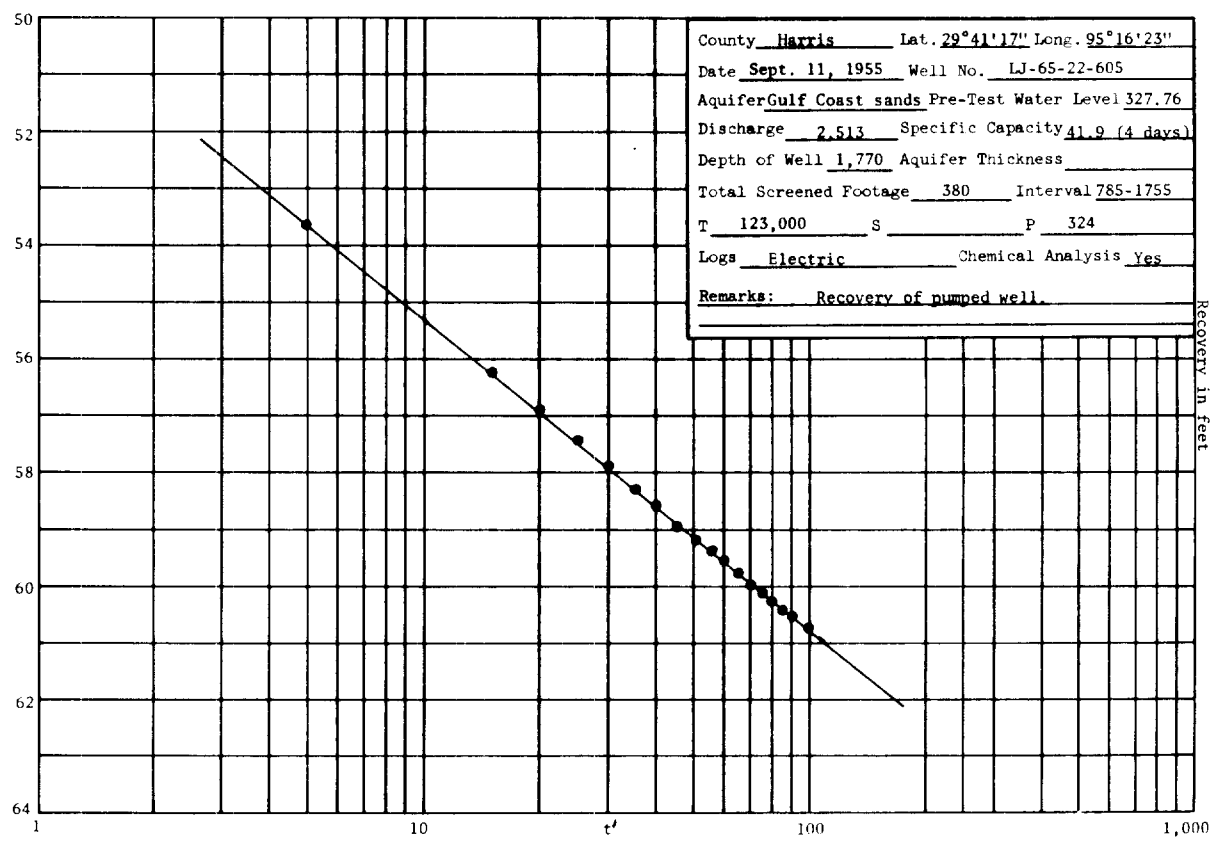

50
51
52
53
54
55
56
57
10
100
t'
1,000
10,000
Recovery in feet
County Harris Lat. 29°42'01" Long. 95°15'44"
Date Dec. 6, 1949 Well No. LJ-65-22-301
Aquifer Gulf Coast sands Pre-Test Water Level 249.23
Discharge 1,945 Specific Capacity 33.5 (4 days)
Depth of Well 2,580 Aquifer Thickness
Total Screened Footage 417 Interval 1470-2560
T 81,600 S P 197
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well. Specific capacity determined at another time.

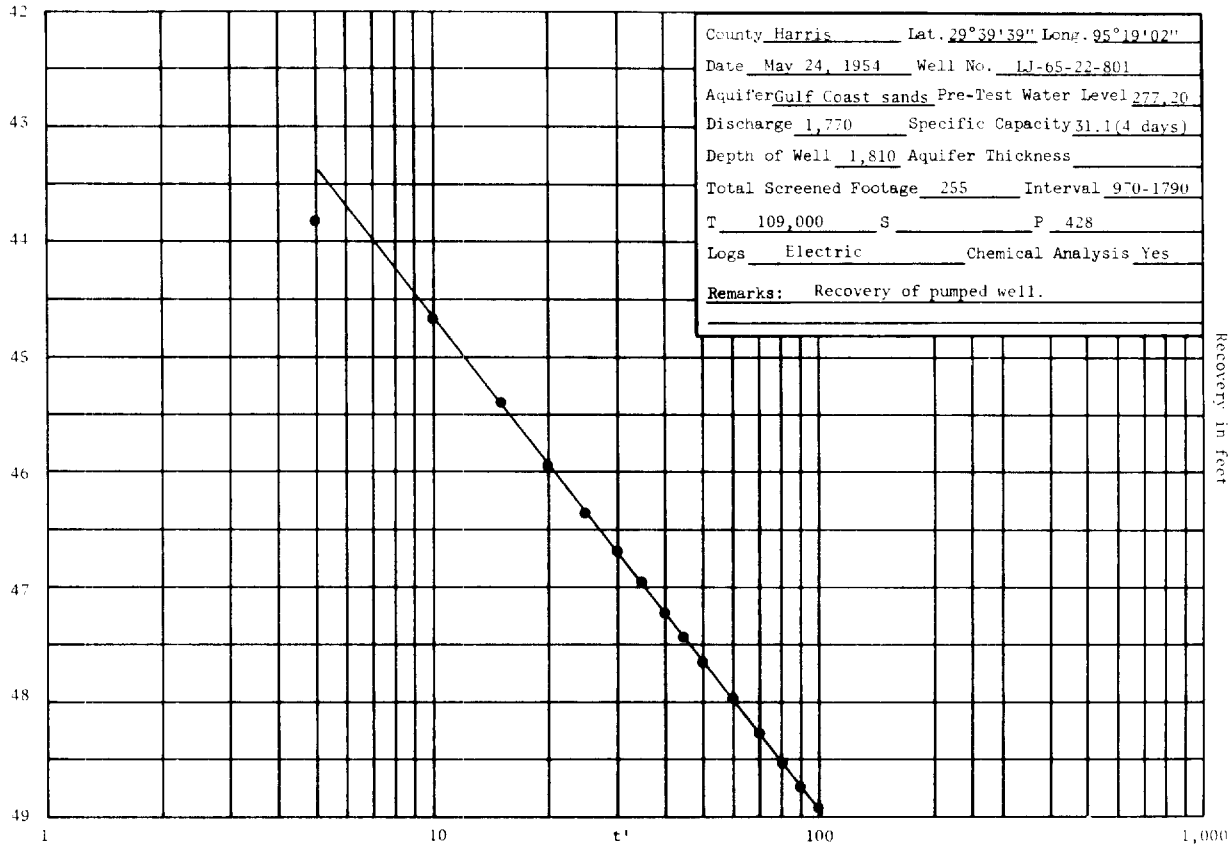

38
39
40
41
42
43
44
45
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°42'27" Long. 95°22'05"
Date Mar. 8, 1957 Well No. LJ-65-22-404
Aquifer Gulf Coast sands Pre-Test Water Level 269.46
Discharge 2,320 Specific Capacity 53.0 (4 days)
Depth of Well 1,960 Aquifer Thickness
Total Screened Footage 390 Interval 670-1940
T 219,000 S P 562
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

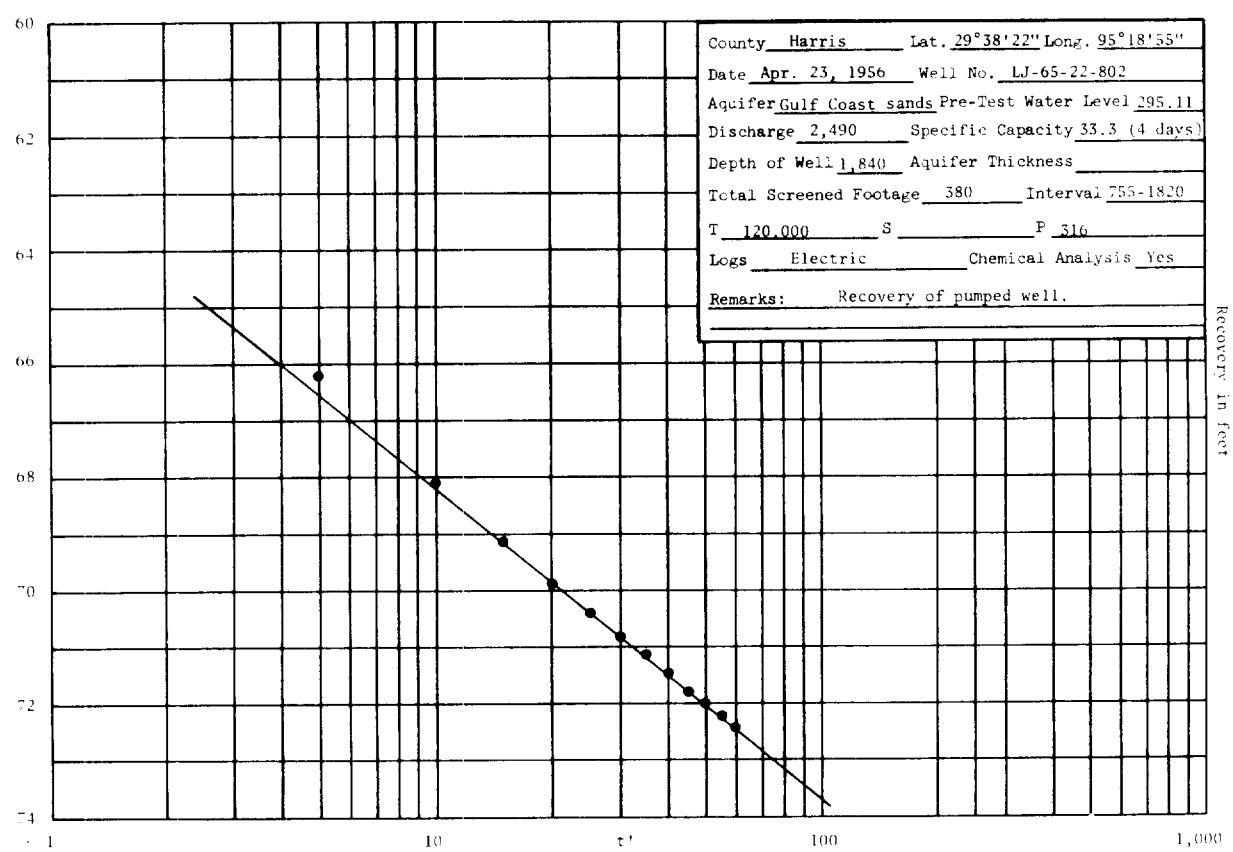

County Harris Lat. 29°42'14" Long. 95°15'55"
Date Dec. 13, 1950 Well No. LJ-65-22-602
Aquifer Gulf Coast sands Pre-Test Water Level 274.63
Discharge 1,865 Specific Capacity
Depth of Well 2,365 Aquifer Thickness
Total Screened Footage 365 Interval 1195-2345
T 87,000 S P 238
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
32
33
34
35
36
37
38
39
1
10
t'
100
1,000
Recovery in feet

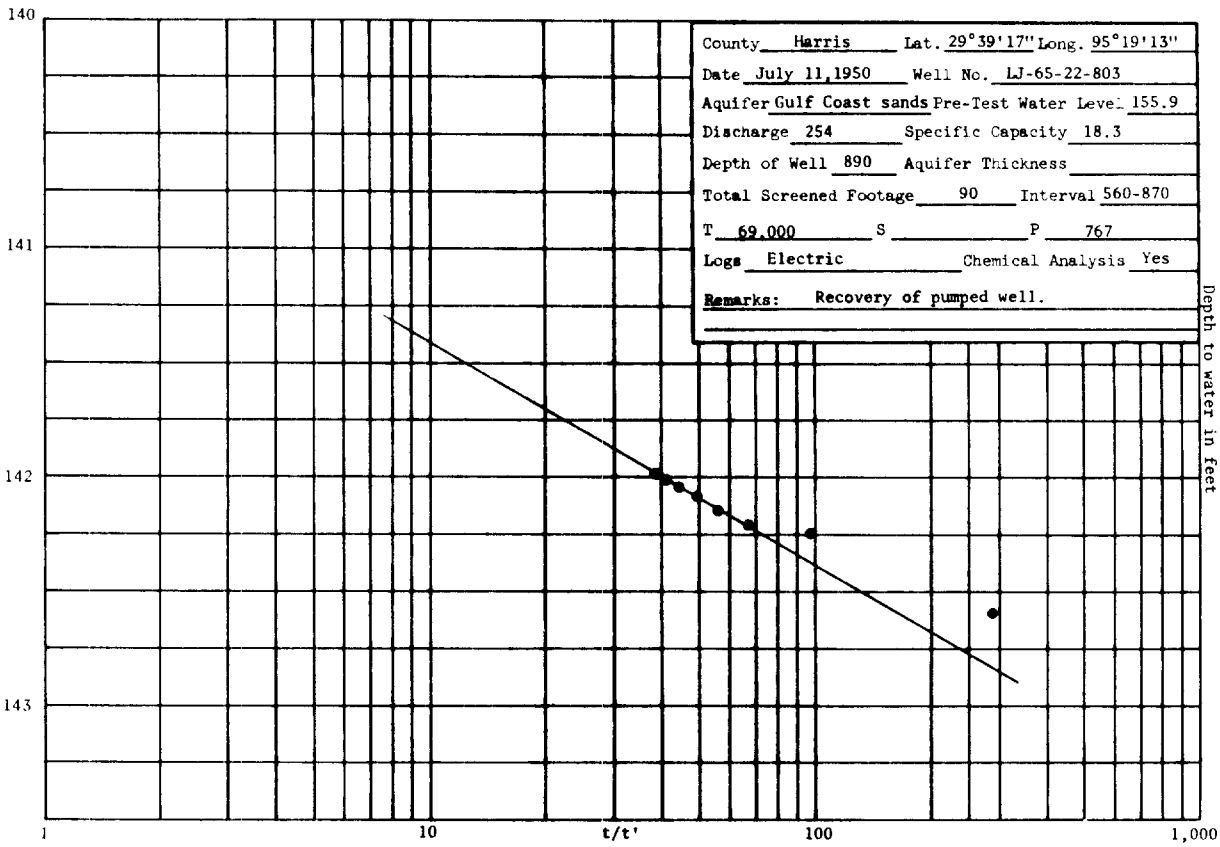

County Harris Lat. 29°41'48" Long. 95°15'56"
Date Dec. 12, 1948 Well No. LJ-65-22-603
Aquifer Gulf Coast sands Pre-Test Water Level 258.0
Discharge 2,560 Specific Capacity 57.0
Depth of Well 2,530 Aquifer Thickness
Total Screened Footage 405 Interval 1000-2510
T 161,000 S P 392
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well. Specific capacity determined at another time.
40
42
44
46
48
50
52
54
1
10
t'
100
1,000
Recovery in feet

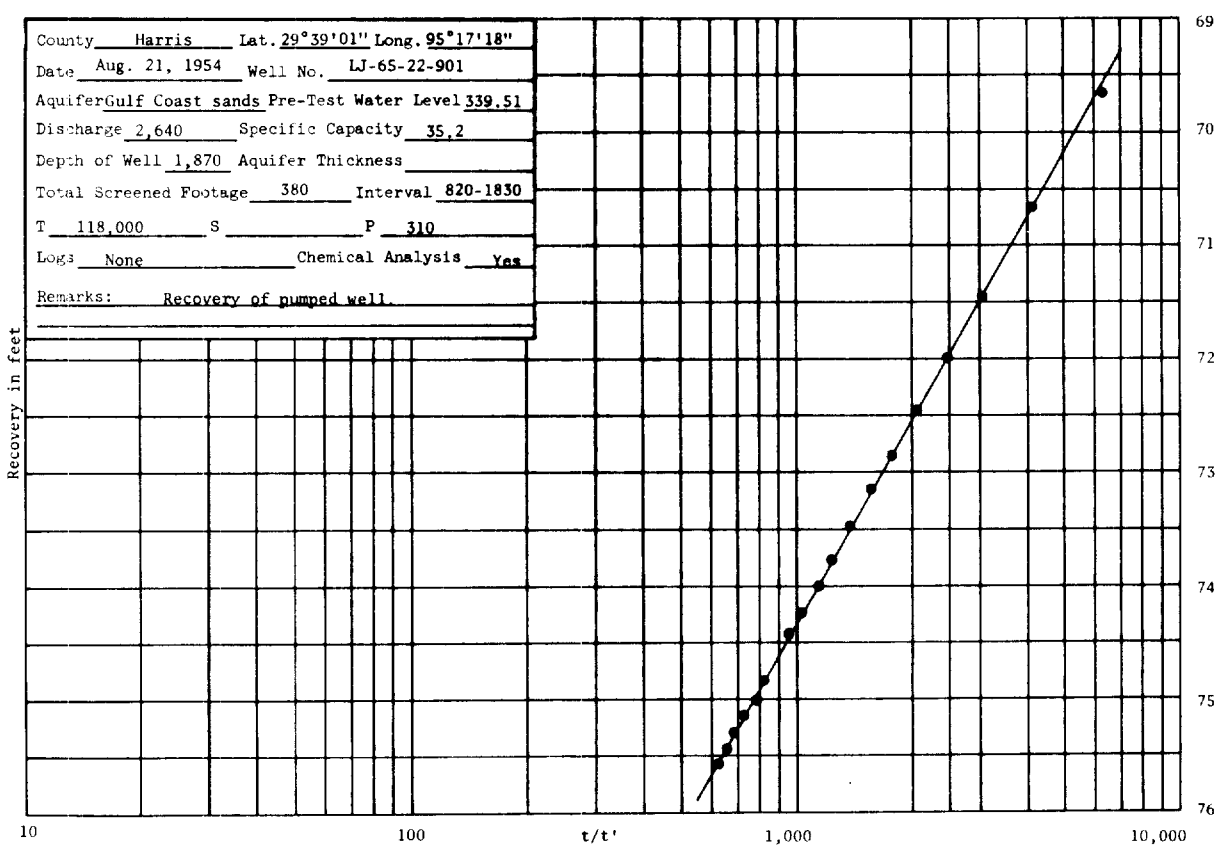

44
46
48
50
52
54
56
58
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°41'26" Long. 95°15'49"
Date Sept. 19, 1949 Well No. LJ-65-22-604
Aquifer Gulf Coast sands Pre-Test Water Level 285.96
Discharge 2,580 Specific Capacity 47.8(4 days)
Depth of Well 2,095 Aquifer Thickness
Total Screened Footage 401 Interval 945-2069
T 138,000 S P 344
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.


50
52
54
56
58
60
62
64
1
10
t'
100
1,000
Recovery in feet
County Harris Lat. 29°41'17" Long. 95°16'23"
Date Sept. 11, 1955 Well No. LJ-65-22-605
Aquifer Gulf Coast sands Pre-Test Water Level 327.76
Discharge 2,513 Specific Capacity 41.9 (4 days)
Depth of Well 1,770 Aquifer Thickness
Total Screened Footage 380 Interval 785-1755
T 123,000 S P 324
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

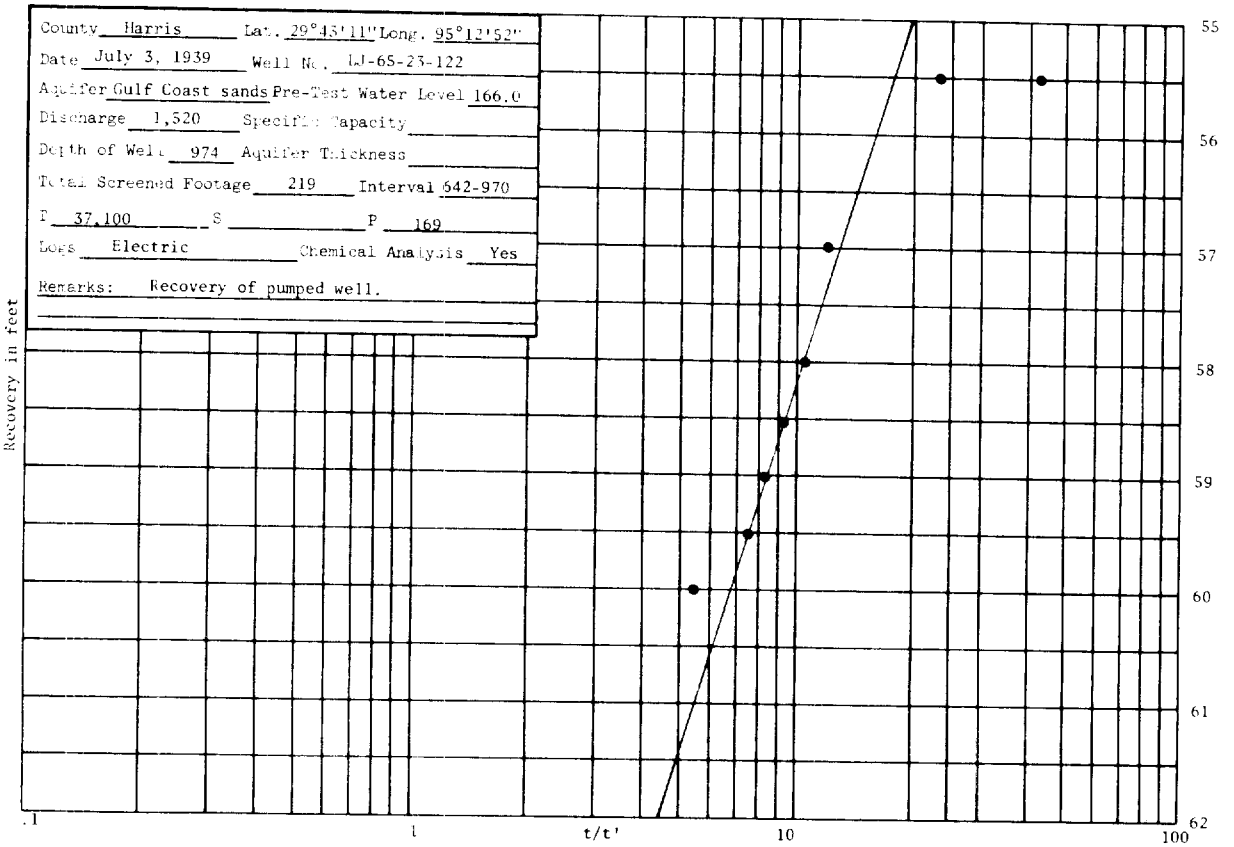

County Harris Lat. 29°39'39" Long. 95°19'02"
Date May 24, 1954 Well No. LJ-65-22-801
Aquifer Gulf Coast sands Pre-Test Water Level 277.20
Discharge 1,770 Specific Capacity 31.1(4 days)
Depth of Well 1,810 Aquifer Thickness
Total Screened Footage 255 Interval 970-1790
T 109,000 S P 428
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
42
43
44
45
46
47
48
49
1
10
t'
100
1,000
Recovery in feet


County Harris Lat. 29°38'22" Long. 95°18'55"
Date Apr. 23, 1956 Well No. LJ-65-22-802
Aquifer Gulf Coast sands Pre-Test Water Level 295.11
Discharge 2,490 Specific Capacity 33.3 (4 days)
Depth of Well 1,840 Aquifer Thickness
Total Screened Footage 380 Interval 755-1820
T 120,000 S P 316
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
60
62
64
66
68
70
72
74
1
10
t'
100
1,000
Recovery in feet

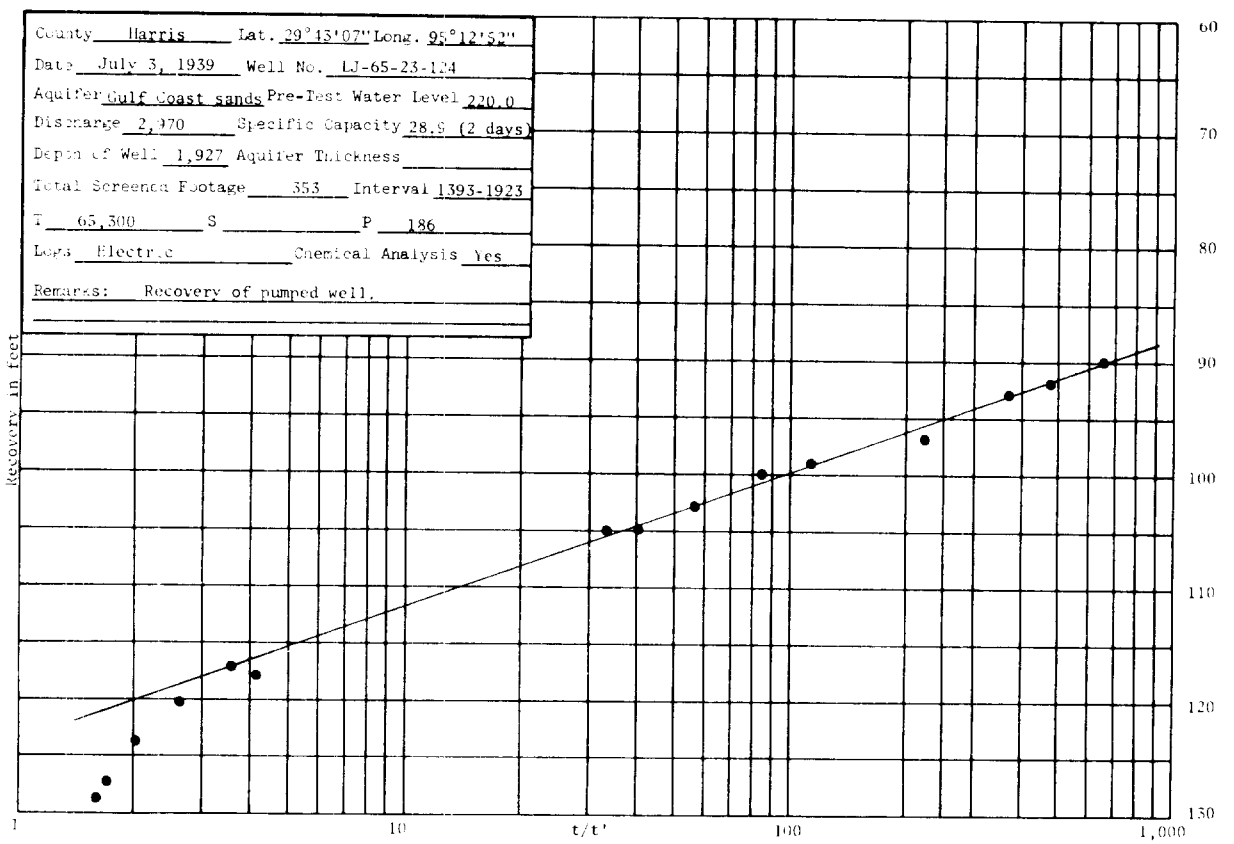

County Harris Lat. 29°39'17" Long. 95°19'13"
Date July 11,1950 Well No. LJ-65-22-803
Aquifer Gulf Coast sands Pre-Test Water Level 155.9
Discharge 254 Specific Capacity 18.3
Depth of Well 890 Aquifer Thickness
Total Screened Footage 90 Interval 560-870
T 69,000 S P 767
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
140
141
142
143
Depth to water in feet
1
10
t/t'
100
1,000

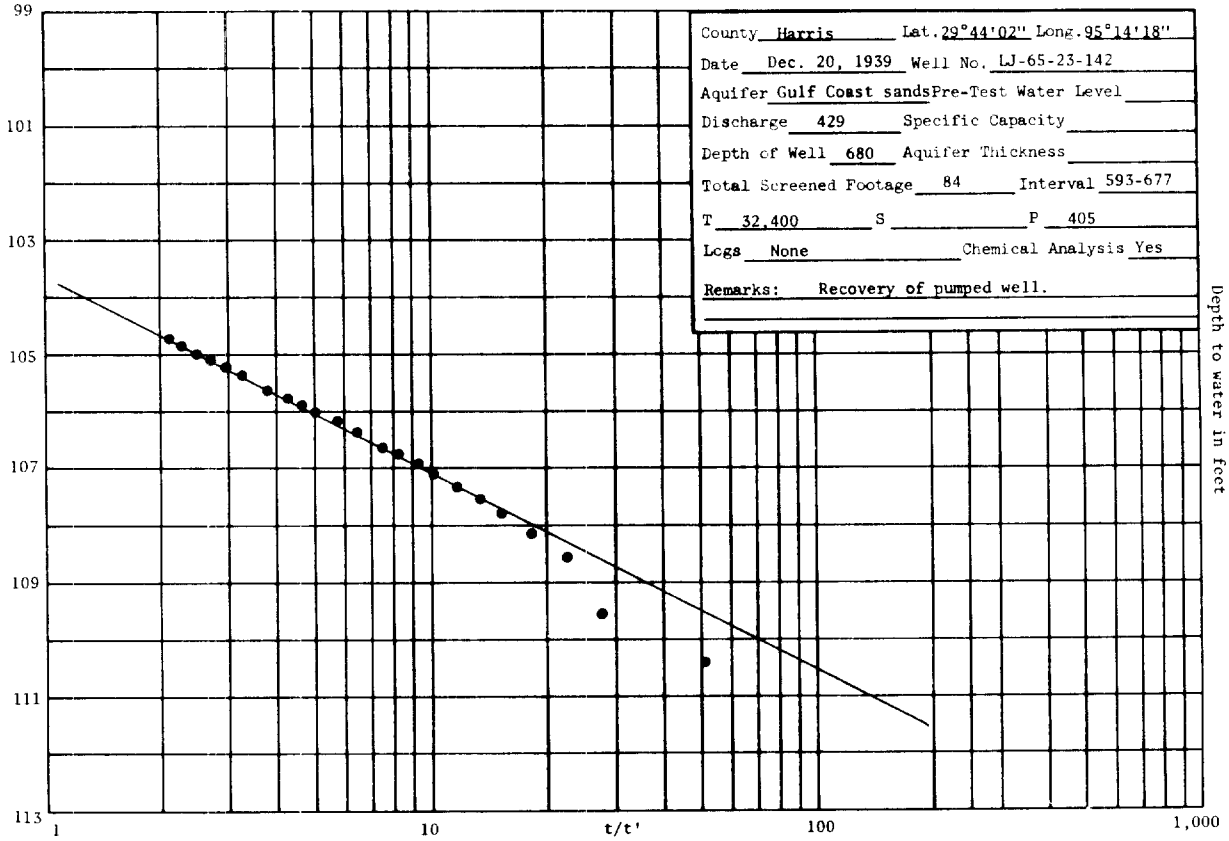

County Harris Lat. 29°39'01" Long. 95°17'18"
Date Aug. 21, 1954 Well No. LJ-65-22-901
Aquifer Gulf Coast sands Pre-Test Water Level 339.51
Discharge 2,640 Specific Capacity 35.2
Depth of Well 1,870 Aquifer Thickness
Total Screened Footage 380 Interval 820-1830
T 118,000 S P 310
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
69
70
71
72
73
74
75
76
10
100
t/t'
1,000
10,000

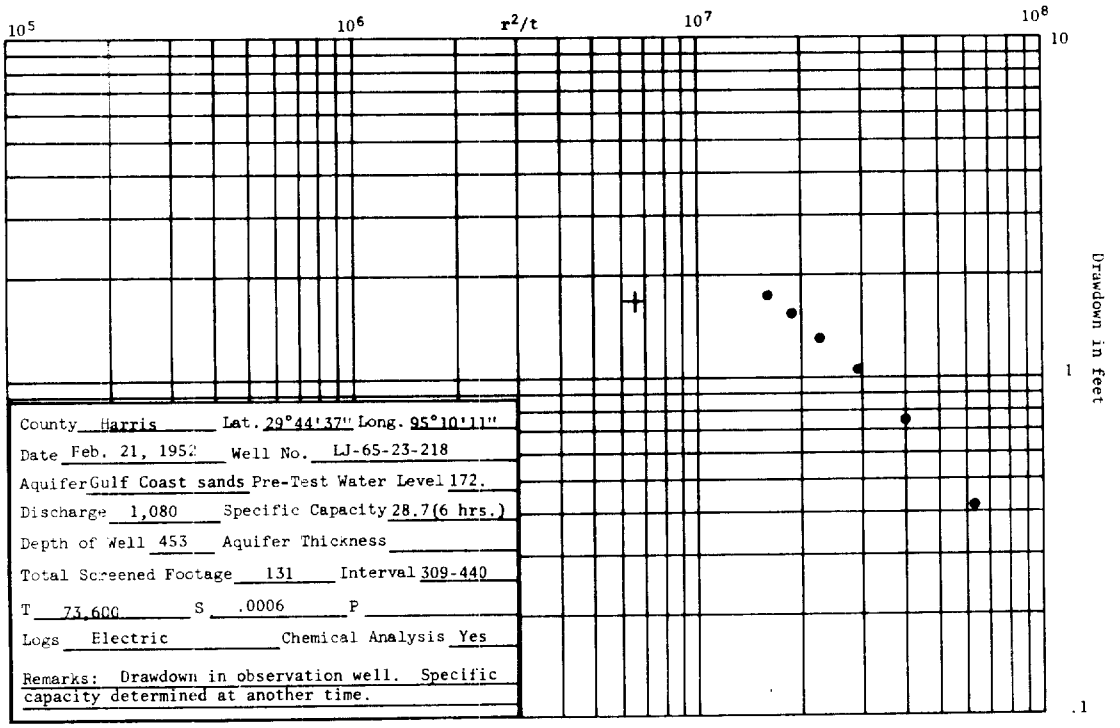
County Harris Lat. 29°43'11" Long. 95°12'52"
Date July 3, 1939 Well No. LJ-65-23-122
Aquifer Gulf Coast sands Pre-Test Water Level 166.0
Discharge 1,520 Specific Capacity
Depth of Well 974 Aquifer Thickness
Total Screened Footage 219 Interval 642-970
T 37,100 S P 169
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

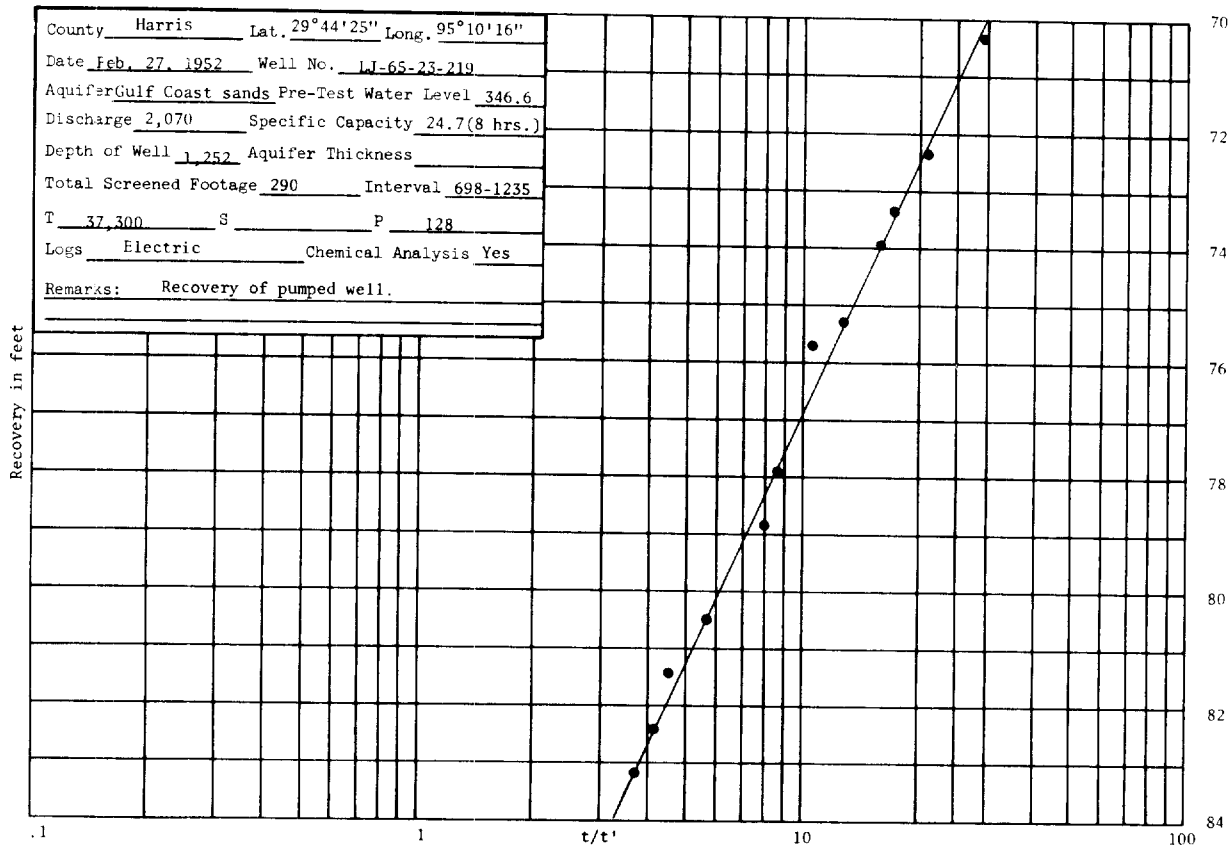


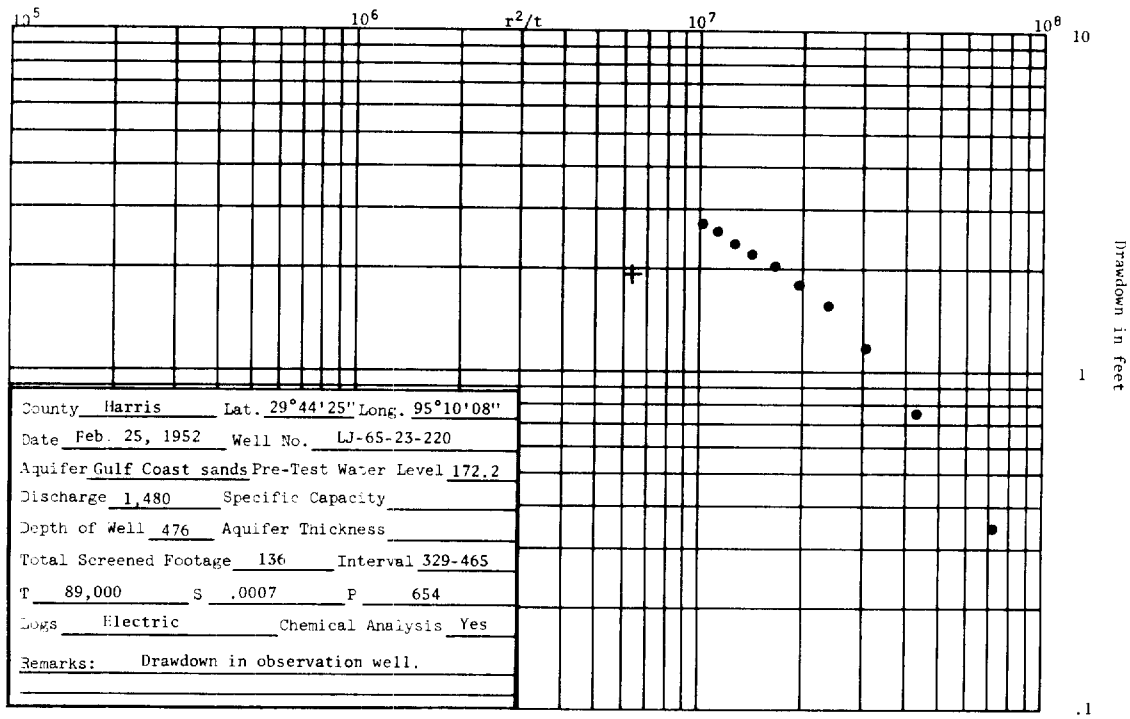
County Harris Lat. 29°43'07" Long. 95°12'52"
Date July 3, 1939 Well No. LJ-65-23-124
Aquifer Gulf Coast sands Pre-Test Water Level 220.0
Discharge 2,970 Specific Capacity 28.9 (2 days)
Depth of Well 1,927 Aquifer Thickness
Total Screened Footage 353 Interval 1393-1923
T 65,300 S P 186
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.

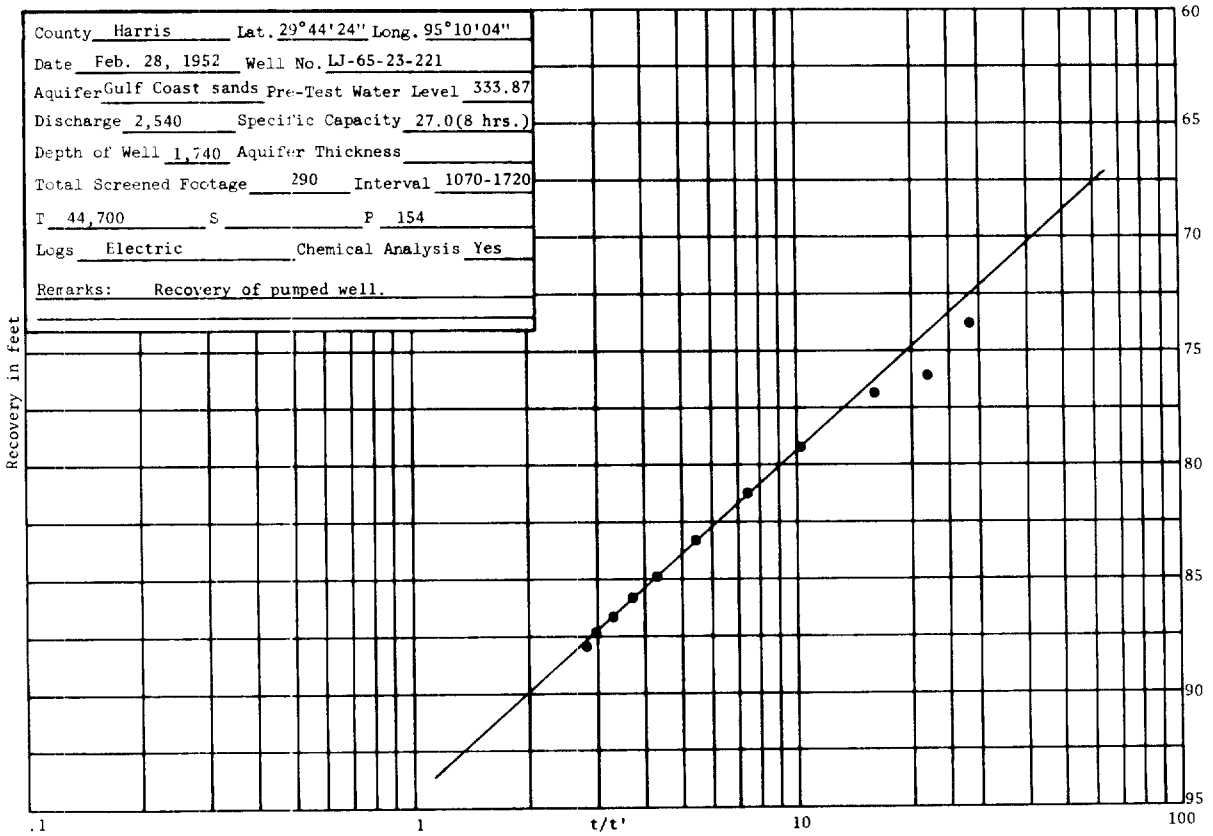


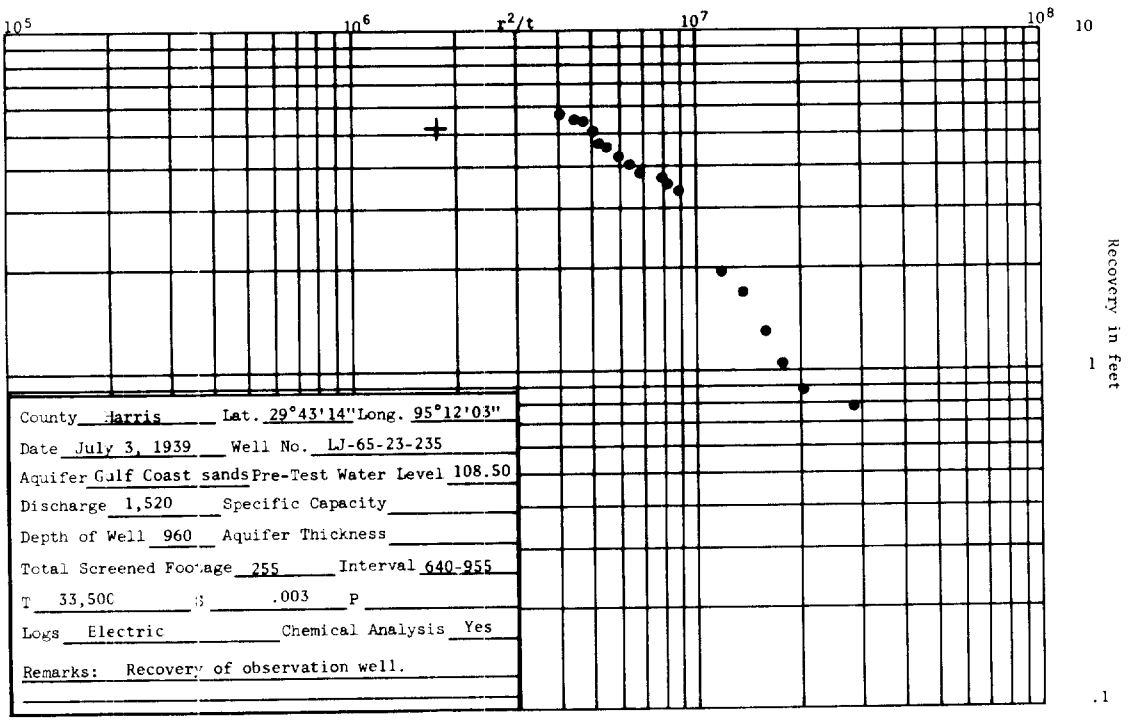

99
101
103
105
107
109
111
113
1
10
t/t'
100
1,000
Depth to water in feet
County Harris Lat. 29°44'02" Long. 95°14'18"
Date Dec. 20, 1939 Well No. LJ-65-23-142
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 429 Specific Capacity
Depth of Well 680 Aquifer Thickness
Total Screened Footage 84 Interval 593-677
T 32,400 S P 405
Logs None Chemical Analysis Yes
Remarks: Recovery of pumped well.


10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Drawdown in feet
County Harris Lat. 29°44'37" Long. 95°10'11"
Date Feb. 21, 1952 Well No. LJ-65-23-218
Aquifer Gulf Coast sands Pre-Test Water Level 172.
Discharge 1,080 Specific Capacity 28.7(6 hrs.)
Depth of Well 453 Aquifer Thickness
Total Screened Footage 131 Interval 309-440
T 73,600 S .0006 P
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well. Specific capacity determined at another time.


County Harris Lat. 29°44'25" Long. 95°10'16"
Date Feb. 27, 1952 Well No. LJ-65-23-219
Aquifer Gulf Coast sands Pre-Test Water Level 346.6
Discharge 2,070 Specific Capacity 24.7(8 hrs.)
Depth of Well 1,252 Aquifer Thickness
Total Screened Footage 290 Interval 698-1235
T 37,300 S P 128
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
70
72
74
76
78
80
82
84
.1
1
t/t'
10
100


10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Drawdown in feet
County Harris Lat. 29°44'25" Long. 95°10'08"
Date Feb. 25, 1952 Well No. LJ-65-23-220
Aquifer Gulf Coast sands Pre-Test Water Level 172.2
Discharge 1,480 Specific Capacity
Depth of Well 476 Aquifer Thickness
Total Screened Footage 136 Interval 329-465
T 89,000 S .0007 P 654
Logs Electric Chemical Analysis Yes
Remarks: Drawdown in observation well.


County Harris Lat. 29°44'24" Long. 95°10'04"
Date Feb. 28, 1952 Well No. LJ-65-23-221
Aquifer Gulf Coast sands Pre-Test Water Level 333.87
Discharge 2,540 Specific Capacity 27.0(8 hrs.)
Depth of Well 1,740 Aquifer Thickness
Total Screened Footage 290 Interval 1070-1720
T 44,700 S P 154
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
60
65
70
75
80
85
90
95
.1
1
t/t'
10
100


10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet
County Harris Lat. 29°43'14" Long. 95°12'03"
Date July 3, 1939 Well No. LJ-65-23-235
Aquifer Gulf Coast sands Pre-Test Water Level 108.50
Discharge 1,520 Specific Capacity
Depth of Well 960 Aquifer Thickness
Total Screened Footage 255 Interval 640-955
T 33,500 S .003 P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.