

WATER-LEVEL DATA
FOR WELLS IN BURIAL GROUND 5,
OAK RIDGE NATIONAL LABORATORY, TENNESSEE,
1975-1979

By D. A. Webster, J. S. Beatty, P. M. Benjamin, and W. M. Trantum

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ABSTRACT

This report presents data pertaining to wells in Burial Ground 5 at Oak Ridge National Laboratory, Tennessee, for the period 1975 to 1979. It includes an inventory of wells, measurements of water levels, well hydrographs, and a map showing the location of the wells.

INTRODUCTION

Solid waste materials contaminated by low levels of radioactivity are usually disposed of by shallow trench burial in areas termed "burial grounds". As part of a hydrogeologic investigation of the burial grounds at Oak Ridge National Laboratory (ORNL), personnel of the Geological Survey have made frequent measurements of water levels in wells located in or near these disposal sites. With the completion of this phase of the investigation, the data are being published to serve the needs of the operators and managers of the sites and of the scientists who are performing various studies in them.

This report presents data pertaining to the wells and water-level fluctuations in wells at Burial Ground 5 for the period 1975 through 1979. These data have been collected to document recent hydrologic conditions at that site, to provide a foundation for interpretive reports that are to follow, to offer measured values for numerical models that simulate the ground-water flow system, and ultimately to aid in efforts leading to the design of a network for monitoring the movement of radionuclides from the waste-disposal sites.

The information is presented in four parts. Part 1 (table 1) is a well inventory, giving the location of the wells and certain characteristics about them. Part 2 (table 2) lists the depth to water measurements at each well, by date. Part 3 provides supplemental water-level measurements at wells for which only a very small number of measurements were made, and at wells for which measurements were made on dates other than those reported in the matrix of table 2. Part 4, consisting of hydrographs, illustrates the fluctuations of the water surface in each well during the period of record.

Acknowledgments

Collection of the data has been performed in cooperation with the Oak Ridge Operations Office of the United States Department of Energy.

The hydrographs contained in part 4 are machine-drawn and are based on a computer program prepared by Robert Bodoh of the U.S. Geological Survey. Map and survey data pertaining to the site and the wells reported herein have been generously provided by personnel in the Engineering Division, Union Carbide Corporation-Nuclear Division. Without the hydrographs, maps and survey information, the usefulness of the report would be considerably diminished.

Reference

Cowser, K. E., Lomenick, T. F., and McMaster, W. M., 1961, Status report on evaluation of solid waste disposal at ORNL: 1: U.S. Atomic Energy Commission, Oak Ridge National Laboratory (Rept.), ORNL-3035, 38 p.

PART 1. -- WELL INVENTORY

WELL INVENTORY

Data from an inventory of wells in and near Burial Ground 5 are summarized in table 1, and the locations of the wells are shown on plate 1. The inventory was begun in April 1975 and updated as changes occurred in existing wells and as new wells were constructed.

The following wells of record in Burial Ground 5 were destroyed prior to April 1975:

Well number	131	140	151	156	170
	135	141	152	158	171
	137	142	153	163	503
	138	148	154	164	509
	139	150	155	166	

Well 129 was found filled to land surface with silt. Well 144 was found filled with earth to within 2.84 feet of land surface.

Latitude and Longitude Determinations

The latitude and longitude of individual well sites listed in table 1 have been determined by substituting the ORNL grid coordinates (N and E) in the following set of equations:

$$\text{Latitude} = 35^{\circ}49'42.76'' + X$$

$$\text{Longitude} = 84^{\circ}21'41.41'' + Y$$

$$\text{where } X = (0.00821N + 0.00553E), \text{ in seconds}$$

$$Y = (0.00676N - 0.01003E), \text{ in seconds}$$

These equations provide a close approximation of latitude and longitude useful for the computer identification of wells. The reader is cautioned that their accuracy for other purposes, or for wells in areas other than the Melton Valley burial grounds, may be limited by errors inherent in the surveys and a small adjustment made herein to the point of beginning of the ORNL Grid Survey. Re-surveys are in progress. For the most precise determination of latitude and longitude, the reader may desire to refer coordinates from the re-surveys to the Tennessee State Plane Survey.

Explanation of Terms

WELL NO. - Well identification number which corresponds to the well numbers shown on plate 1.

ORNL GRID - Coordinates of well sites, reported in feet north and east from the Point of Beginning of the ORNL Grid Survey.

DEPTH OF WELL - The distance, rounded to the nearest foot, between land surface and the bottom of the well.

YEAR COMPLETED - The year in which the well was completed.

CASING DIAMETER - The inside diameter of the casing, expressed in inches.

CASING TYPE - The material of which the well casing is made. The following letters denote casing materials:

P - plastic

S - steel

FINISH - The character and subsurface position of the openings that permit water to enter the well.

CHARACTER is denoted by the following letters:

Prf - perforated casing

Slt - slotted casing

Opn - open borehole

DEPTH INTERVAL - The distance, rounded to the nearest foot, between land surface and the upper and lower limits of the openings through which water can enter the well. Data for wells completed prior to 1977 are inferred from type of casing or caliper logs. A query (?) denotes unknown interval.

ALTITUDE LSD - The altitude of the land surface at the well, in feet above the National Vertical Geodetic Datum (NVGD) of 1929.

MEASURING POINT - The point at the top of the casing at which repetitive water-level measurements were made.

HEIGHT MP ABOVE LSD - The distance in feet from the measuring point to land surface. During the period of record, casings at numerous wells were damaged, necessitating an adjustment to the MEASURING POINT distance. Subsequent water-level measurements have been adjusted by this amount so that all measurements at a well could be referred to a single measuring point.

DATE DETERMINED - The date when the measuring point was established.

DEPTH TO WATER BELOW LAND SURFACE - A summary of the data extremes that appear in table 2. Dashes appear for those wells at which less than five measurements were made during the period of record; these measurements are listed in Part 3.

MINIMUM - The minimum measured depth to water, in feet below land surface, during the period of record. A plus sign indicates a water level above land surface. DRY indicates that the well was found without water at all times of measurement.

MAXIMUM - The maximum depth to water, in feet below land surface, during the period of record. DRY indicates that the well was found without water on one or more times of measurement.

STATUS OF WELL 12/79 - The status of the well as determined by field inspection on December 27, 1979. Status is denoted by the following letters:

- A - Casing undamaged. Water level is measureable and samples are obtainable.
- B - Casing is damaged, but water level is measureable and samples are obtainable. Measuring point distance reported herein and top of casing altitude (not reported herein) may or may not require adjustment.
- C - Casing is damaged to the extent that water levels and water samples are not obtainable. Measuring point distance and top of casing altitude are no longer valid.
- D - Well has been destroyed.

Table 1.--Data of observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee

Well number	Location			Depth of well (ft)	Year completed	Casing			Finish	Altitude of land surface (ft above NGVD)	Measuring Point		Depth to Water below land surface			Status of well 12/79
	Latitude (deg., m, s)	Longitude (deg., m, s)	ORNL Grid (ft) (ft)			Diameter (in)	Type	Char-			Distance above land surface (ft)	Date determined (m/d/yr)	Period of record (yrs)	Minimum (ft)	Maximum (ft)	
130	35 54 54	84 18 52	N18248 E29136	5	1958	6 5/8	S	Prf	0-5	764.68	1.92	8/23/76	1975-79	1.65	4.47	A
132	35 54 50	84 18 54	N18030 E28872	9	1958	6 5/8	S	Prf	0-9	763.43	1.67	8/23/76	1975-79	0.50	6.00	B
133	35 54 49	84 18 54	N17934 E28795	7	1958	6 5/8	S	Prf	0-7	761.40	1.80	4/08/75	1975-76	+0.04	3.69	D
134	35 54 48	84 18 54	N17827 E28733	8	1958	6 5/8	S	Prf	0-8	760.73	1.27	8/23/76	1975-76	0.84	4.49	D
136	35 54 49	84 18 53	N17464 E28578	10	1958	6 5/8	S	Prf	0-10	768.00	2.40	4/08/75	1975-76	1.97	8.45	D
143	35 54 50	84 18 46	N17686 E29350	25	1958	6 5/8	S	Prf	0-25	823.49	1.51	8/23/76	1975-79	18.82	DRY	B
144	35 54 42	84 18 46	N17794 E29420	3	1958	6 5/8	S	Prf	0-7	838.42	2.00	4/08/75	1975-75	-	-	B
145	35 54 43	84 18 45	N17879 E29644	11	1958	6 5/8	S	Prf	0-11	837.50	3.30	8/23/76	1975-79	5.61	DRY	A
146	35 54 56	84 18 43	N18029 E29872	17	1958	6 5/8	S	Prf	0-17	825.40	2.00	4/08/75	1975-75	-	-	D
147	35 54 55	84 18 43	N17931 E29843	20	1958	6 5/8	S	Prf	0-20	817.61	3.29	4/08/75	1975-79	4.35	10.58	A
149	35 54 51	84 18 43	N17561 E29641	4	1958	6 5/8	S	Prf	0-4	790.07	2.43	4/08/75	1975-79	+0.07	1.57	A
157	35 54 53	84 18 31	N17151 E30555	6	1958	6 5/8	S	Prf	0-6	778.53	0.77	8/23/76	1975-79	1.46	4.85	A
159	35 54 56	84 18 33	N17535 E30610	6	1958	6 5/8	S	Prf	0-6	794.46	0.84	8/23/76	1975-79	2.80	DRY	A
160	35 54 58	84 18 34	N17744 E30617	9	1958	6 5/8	S	Prf	0-9	803.41	1.29	8/23/76	1975-79	0.77	DRY	A
161	35 54 59	84 18 35	N17873 E30578	8	1958	6 5/8	S	Prf	0-8	810.88	1.02	8/23/76	1975-79	0.42	6.28	A
162	35 54 57	84 18 37	N17809 E30360	9	1958	6 5/8	S	Prf	0-9	869.03	2.00	4/08/75	1975-75	-	-	A
165	35 54 51	84 18 51	N17939 E29112	17	1958	6 5/8	S	Prf	0-17	811.76	2.44	8/23/76	1975-79	11.05	DRY	B
167	35 54 53	84 18 49	N18074 E29334	12	1958	6 5/8	S	Prf	0-12	838.81	2.40	4/08/75	1975-79	8.86	DRY	B
169	35 54 50	84 18 41	N17371 E29699	16	1958	6 5/8	S	Prf	0-16	809.42	2.28	8/23/76	1975-79	11.09	DRY	B
172	35 54 57	84 18 36	N17795 E30418	7	1958	6 5/8	S	Prf	0-7	867.63	3.70	4/08/75	1975-75	-	-	A
173	35 54 55	84 18 39	N17779 E30123	17	1958	6 5/8	S	Prf	0-17	847.44	2.26	8/23/76	1975-79	14.81	DRY	A
174	35 54 57	84 18 37	N17829 E30382	125	1958	8 1/8	S	Opn	14-125	870.40	1.60	8/23/76	1975-79	42.17	60.74	A
175	35 54 54	84 18 37	N17521 E30214	148	1958	6 1/8	S	Opn	36-148	831.50	0.10	8/23/76	1975-79	12.67	25.80	B
176	35 54 51	84 18 48	N17829 E29329	143	1958	6 1/8	S	Opn	36-143	827.53	2.77	8/23/76	1975-79	0.36	35.25	A
177	35 54 49	84 18 45	N17529 E29358	149	1958	6 1/8	S	Opn	44-149	827.93	1.77	8/23/76	1975-79	32.68	38.23	A
178	35 54 47	84 18 51	N17572 E28864	153	1958	6 1/8	S	Opn	42-153	804.77	0.83	8/23/76	1975-79	28.54	34.79	A
419	35 54 44	84 18 43	N17008 E29218	17	1975	6 5/8	S	Prf	0-17	779.57	0.03	12/05/75	1975-79	9.36	14.19	A
420	35 54 55	84 18 50	N18258 E29371	10	1975	6 5/8	S	Prf	0-10	774.20	0.20	12/05/75	1975-79	1.37	3.99	A
421	35 54 52	84 18 54	N18197 E28991	9	1975	6 5/8	S	Prf	0-9	763.60	0.00	12/05/75	1975-79	1.41	8.60	A
422	35 54 41	84 18 52	N17166 E28450	12	1975	6 5/8	S	Prf	0-12	769.48	0.72	12/05/75	1975-79	7.00	DRY	A
423	35 54 43	84 18 45	N17038 E29056	18	1975	6 5/8	S	Prf	0-18	782.41	1.09	12/05/75	1975-79	7.92	13.46	A
424	35 54 50	84 18 46	N17683 E29348	39	1976	3	S	Prf	29-39	823.50	0.80	3/01/76	1976-79	18.03	31.41	C
425	35 54 51	84 18 43	N17576 E29620	8	1975	6 5/8	S	Prf	0-8	796.35	2.25	12/05/75	1975-79	4.11	DRY	A
426	35 54 49	84 18 43	N17383 E29497	4	1975	6 5/8	S	Prf	0-4	785.80	2.20	12/05/75	1975-79	1.83	4.01	A
427	35 54 45	84 18 41	N16989 E29425	10	1975	6 5/8	S	Prf	0-10	768.27	0.03	12/05/75	1975-79	1.75	4.70	A

Table 1.--Data of observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued

Well number	Location		Depth of well (ft)	Year completed	Casing			Altitude of land surface (ft above NGVD)	Measuring Point		Depth to Water below land surface			Status of well 12/79
	Latitude (deg., m, s)	Longitude (deg., m, s)			Diameter (in)	Type	Character		Distance above land surface (ft)	Date determined (m/d/yr)	Period of record (yrs)	Minimum (ft)	Maximum (ft)	
428	35 54 47	84 18 36	N16934 E29892	4	1975	6 5/8	S	Prf	0-4	11/20/75	1975-79	0.10	2.94	A
429	35 54 52	84 18 34	N17251 E30291	22	1975	6 5/8	S	Prf	0-22	8/23/76	1975-79	5.43	14.30	B
430	35 54 57	84 18 43	N18083 E29962	29	1976	3	P	Slt	19-29	4/02/76	1976-79	0.96	20.96	B
431	35 54 55	84 18 46	N18059 E29675	35	1976	3	P	Slt	25-35	8/23/76	1976-79	17.91	31.06	A
432	35 54 51	84 18 51	N17958 E29101	27	1976	3	P	Slt	17-27	4/02/76	1976-79	17.12	DRY	A
433	35 54 47	84 18 48	N17488 E29071	44	1976	3	P	Slt	34-44	6/09/76	1976-79	36.20	43.01	A
434	35 54 47	84 18 47	N17393 E29119	32	1976	3	P	Slt	22-32	6/24/76	1976-79	20.45	27.47	A
435	35 54 45	84 18 47	N17232 E28990	30	1976	3	P	Slt	20-30	6/24/76	1976-79	9.42	16.51	A
436	35 54 44	84 18 45	N17081 E29080	31	1976	3	P	Slt	21-31	6/24/76	1976-79	5.96	15.52	A
437	35 54 46	84 18 45	N17270 E29209	36	1976	3	P	Slt	26-36	6/24/76	1976-79	13.94	18.79	A
438	35 54 48	84 18 45	N17418 E29317	37	1976	3	P	Slt	27-37	6/24/76	1976-79	28.14	32.59	A
439	35 54 45	84 18 43	N17134 E29297	34	1976	3	P	Slt	24-34	6/24/76	1976-79	15.64	23.23	A
440	35 54 47	84 18 43	N17280 E29382	36	1976	3	P	Slt	26-36	7/09/76	1976-79	19.17	26.12	A
441	35 54 53	84 18 45	N17822 E29604	42	1976	3	P	Slt	32-42	7/29/76	1976-79	22.93	33.58	A
442	35 54 45	84 18 51	N17433 E28747	48	1976	3	P	Slt	38-48	10/27/76	1976-79	28.02	37.53	A
443	35 54 43	84 18 49	N17185 E28723	47	1976	3	P	Slt	37-47	10/27/76	1976-79	19.49	29.45	A
444	35 54 50	84 18 36	N17149 E30017	21	1976	3	P	Slt	11-21	10/27/76	1976-79	5.85	10.07	A
445	35 54 55	84 18 37	N17652 E30286	64	1976	3	P	Slt	54-64	1/31/77	1976-79	22.00	35.30	A
446	35 54 47	84 18 41	N17184 E29520	29	1976	3	P	Slt	19-29	1/31/77	1976-79	12.13	14.06	A
447	35 54 49	84 18 51	N17778 E28992	8	1976	3	P	Slt	3-8	1/31/77	1976-79	0.25	2.35	A
448	35 54 53	84 18 49	N18056 E29325	60	1976	3	P	Slt	50-60	1/31/77	1976-79	36.31	49.88	B
449	35 54 57	84 18 47	N18285 E29658	40	1976	3	P	Slt	30-40	1/31/77	1976-79	27.41	39.37	A
450	35 54 56	84 18 40	N17850 E30073	34	1976	3	P	Slt	24-34	1/31/77	1976-79	17.22	24.36	A
451	35 54 53	84 18 40	N17581 E29962	34	1976	3	P	Slt	24-34	1/31/77	1976-79	15.96	27.97	A
452	35 54 50	84 18 39	N17341 E29827	30	1977	3	P	Slt	20-30	1/31/77	1977-79	14.21	23.80	A
453	35 54 52	84 18 34	N17223 E30290	29	1977	3	P	Slt	19-29	1/19/81	1977-79	9.07	24.66	A
454	35 54 54	84 18 32	N17344 E30554	22	1977	3	P	Slt	12-22	2/16/77	1977-79	13.43	20.29	A
455	35 54 58	84 18 40	N18007 E30198	36	1977	3	P	Slt	26-36	3/14/77	1977-79	13.25	25.29	A
456	35 54 44	84 18 53	N17498 E28577	11	1977	3	P	Slt	1-11	5/10/77	1977-79	3.66	9.28	B
457	35 54 48	84 18 54	N17850 E28719	10	1977	3	P	Slt	1-10	5/10/77	1977-79	0.49	3.13	A
501	35 54 43	84 18 48	N17176 E28867	19	1964	6 7/8	S	Prf	0-19	8/23/76	1975-79	7.15	DRY	B
502	35 54 45	84 18 48	N17301 E28895	18	1964	6 7/8	S	Prf	0-18	8/23/76	1975-79	14.54	DRY	A
503	35 54 54	84 18 41	N17806 E29936	16	1964	6 7/8	S	Prf	0-16	4/08/75	1975-79	10.89	DRY	C
505	35 54 54*	84 18 40*	N17700 E30000*	18	1964	6 7/8	S	Prf	0-18	4/08/75	1975-75	-	-	D
506	35 54 50	84 18 41	N17410 E29697	18	1964	6 7/8	S	Prf	0-18	4/08/75	1975-79	13.06	DRY	B

* Approximate

Table 1.--Data of observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued

Well number	Location			Depth of well (ft)	Year completed	Casing		Finish		Altitude of land surface (ft above NGVD)	Measuring Point		Depth to Water below land surface			Status of well 12/79
	Latitude (deg., m, s)	Longitude (deg., m, s)	ORNL Grid (ft) (ft)			Diameter (in)	Type	Character	Depth interval (ft)		Distance above surface (ft)	Date determined (m/d/yr)	Period of record (yrs)	Min-imum (ft)	Max-imum (ft)	
507	35 54 51	84 18 37	N17316 E30064	19	1964	6 7/8	S	Prf	0-19	819.70	0.10	4/08/75	1975-78	5.52	DRY	D
508	35 54 53	84 18 37	N17506 E30138	19	1964	6 7/8	S	Prf	0-19	834.16	0.64	4/08/75	1975-78	17.54	DRY	D
510	35 54 53	84 18 42	N17730 E29766	13	1964	6 7/8	S	Prf	0-13	802.00	2.60	4/02/76	1976-79	0.58	5.53	A
511	35 54 51	84 18 41	N17500 E29801	16	1964	6 7/8	S	Prf	0-16	804.28	3.92	4/08/75	1975-79	8.30	12.01	A
512	35 54 54	84 18 42	N17828 E29850	13	1964	6 5/8	S	Prf	0-13	809.05	2.45	4/02/76	1975-79	2.93	7.64	A
T29-1	35 54 56	84 18 36	N17695 E30419	12	1959	6 5/8	S	Prf	0-12	858.01	2.59	4/08/75	1975-79	3.67	9.44	A
T30-1	35 54 56	84 18 35	N17640 E30403	11	1959	6 5/8	S	Prf	0-11	847.86	3.84	4/08/75	1975-79	4.06	DRY	A
T31-1	35 54 52	84 18 37	N17389 E30078	14	1977	3	P	Slt	4-14	826.46	2.60	2/16/77	1977-79	13.43	DRY	A
T60-1	35 54 44	84 18 45	N17075 E29094	14	1976	3	P	Slt	4-14	784.87	3.53	7/05/76	1976-79	4.58	DRY	A
T64-1	35 54 47	84 18 42	N17061 E29511	15	1977	3	P	Slt	5-15	779.12	2.08	3/14/77	1977-79	3.84	10.29	A
T66-1	35 54 44	84 18 45	N17095 E29073	17	1976	3	P	Slt	7-17	788.47	2.73	7/05/76	1976-79	5.57	DRY	A
T83-1	35 54 46	84 18 46	N17323 E29153	16	1975	4	S	Prf	1-16	807.90	0.00	11/05/75	1975-79	15.09	DRY	A
T83-2	35 54 46	84 18 46	N17306 E29140	10	1975	4	S	Prf	1-10	805.90	0.00	11/05/75	1975-79	DRY	DRY	A
T83-3	35 54 45	84 18 46	N17253 E29096	14	1975	4	S	Prf	1-14	799.10	0.00	11/05/75	1975-79	7.79	DRY	A
T83-4	35 54 45	84 18 46	N17235 E29085	14	1975	4	S	Prf	1-14	798.16	2.54	11/05/75	1975-79	10.45	DRY	A
T83-5	35 54 44	84 18 46	N17138 E29026	11	1975	4	S	Prf	1-11	790.78	3.02	3/01/76	1975-79	6.96	DRY	A
T105-1	35 54 46	84 18 46	N17333 E29138	14	1975	4	S	Prf	1-14	808.60	0.00	11/05/75	1975-79	9.49	DRY	A
T105-2	35 54 46	84 18 46	N17316 E29125	15	1975	4	S	Prf	1-15	806.60	0.00	11/05/75	1975-79	12.87	DRY	A
T105-3	35 54 45	84 18 46	N17259 E29083	14	1975	4	S	Prf	1-14	798.80	0.00	11/05/75	1975-79	7.17	DRY	A
T105-4	35 54 45	84 18 46	N17242 E29070	13	1975	4	S	Prf	1-13	797.75	2.45	11/05/75	1975-79	2.10	7.10	A
T105-5	35 54 44	84 18 46	N17149 E29010	14	1975	4	S	Prf	1-17	790.29	2.91	3/01/76	1975-79	6.27	14.30	A
T105-6	35 54 44	84 18 46	N17119 E28997	16	1975	4	S	Prf	1-19	788.62	2.98	3/01/76	1975-79	4.80	14.52	A
T117-1	35 54 48	84 18 36	N16987 E29933	7	1975	3	P	Slt	0-7	778.36	2.24	3/01/77	1977-79	+0.45	DRY	A

PART 2. -- WATER-LEVEL DATA

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	04/08/75	07/04/75	09/03/75	09/22/75	09/30/75	10/21/75	11/05/75	11/20/75	12/05/75	12/23/75	01/09/76	01/27/76		
130	2.64	3.45	3.58	3.12	3.03	2.82	2.90	2.80	2.68	2.74	2.57	1.97		
132	4.55	5.20	6.00	5.25	5.57	5.08	5.62	5.21	5.18	5.22	4.53	3.08		
133	1.90	2.64	3.69	3.18	3.05	2.67	2.93	2.63	2.66	2.65	2.27	1.71		
134	1.68	2.93	4.49	3.37	3.02	2.39	2.62	2.24	2.33	1.55	1.82	0.84		
136	5.22	8.20	8.45	7.59	7.72	5.89	8.02	7.30	7.33	7.54	4.43	1.97		
143	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	19.40		
145	DRY	DRY	-	-	-	8.93	DRY	9.90	DRY	DRY	9.27	5.61		
147	5.63	7.00	8.37	7.17	7.90	6.81	8.01	7.79	7.88	8.19	6.94	4.55		
149	+0.04	-	1.00	0.81	0.42	+0.07	0.38	0.30	0.51	0.57	0.07	+0.01		
157	1.46	3.39	4.39	3.61	3.69	3.37	3.96	3.89	4.05	4.19	3.51	2.39		
159	3.58	3.98	DRY	DRY	5.36	4.25	4.61	4.32	4.42	4.34	3.85	3.06		
160	1.22	2.47	DRY	2.72	2.07	1.16	1.40	1.14	1.25	1.32	1.12	0.84		
161	1.33	3.47	6.28	5.90	4.18	1.68	3.23	2.00	1.92	1.88	1.45	0.43		
165	11.05	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	15.44		
167	10.10	-	-	-	-	11.72	DRY	DRY	DRY	DRY	10.50	9.72		
169	12.01	14.52	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	14.91	13.75		
173	DRY	DRY	-	-	-	DRY	DRY	-	-	-	-	DRY		
174	52.66	56.73	60.30	60.30	60.16	57.44	57.17	57.08	56.19	55.29	54.07	45.78		
175	12.67	-	22.15	23.21	23.55	23.55	23.41	23.48	24.07	24.48	21.78	19.20		
176	23.48	29.98	34.89	33.70	31.16	23.78	26.31	25.89	29.63	28.77	20.88	13.52		
177	32.68	36.03	37.54	37.79	37.73	37.31	37.37	37.18	37.35	37.33	36.69	35.71		
178	30.42	32.46	34.17	34.19	33.80	32.83	33.16	32.91	33.07	32.80	30.94	29.57		
419	-	-	-	-	-	-	-	-	13.23	13.26	12.10	10.73		
420	-	-	-	-	-	-	-	-	2.10	2.20	2.20	1.75		
421	-	-	-	-	-	-	-	-	3.65	3.52	2.33	1.63		
422	-	-	-	-	-	-	-	-	11.17	11.32	10.11	9.16		
423	-	-	-	-	-	-	-	-	11.98	12.18	10.98	9.95		
424	-	-	-	-	-	-	-	-	-	-	-	-		
425	-	-	-	-	-	-	-	-	6.43	6.44	5.90	4.99		
426	-	-	-	-	-	-	-	-	3.15	3.02	2.92	2.02		
427	-	-	-	-	-	-	-	-	3.77	3.82	3.16	2.38		
428	-	-	-	-	-	-	-	0.96	1.30	1.44	0.53	0.24		
429	-	-	-	-	-	7.66	12.68	8.20	7.05	7.55	6.98	5.77		
430	-	-	-	-	-	-	-	-	-	-	-	-		
431	-	-	-	-	-	-	-	-	-	-	-	-		

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	04/08/75	07/04/75	09/03/75	09/22/75	09/30/75	10/21/75	11/05/75	11/20/75	12/05/75	12/23/75	01/09/76	01/27/76
432	-	-	-	-	-	-	-	-	-	-	-	-
433	-	-	-	-	-	-	-	-	-	-	-	-
434	-	-	-	-	-	-	-	-	-	-	-	-
435	-	-	-	-	-	-	-	-	-	-	-	-
436	-	-	-	-	-	-	-	-	-	-	-	-
437	-	-	-	-	-	-	-	-	-	-	-	-
438	-	-	-	-	-	-	-	-	-	-	-	-
439	-	-	-	-	-	-	-	-	-	-	-	-
440	-	-	-	-	-	-	-	-	-	-	-	-
441	-	-	-	-	-	-	-	-	-	-	-	-
442	-	-	-	-	-	-	-	-	-	-	-	-
443	-	-	-	-	-	-	-	-	-	-	-	-
444	-	-	-	-	-	-	-	-	-	-	-	-
445	-	-	-	-	-	-	-	-	-	-	-	-
446	-	-	-	-	-	-	-	-	-	-	-	-
447	-	-	-	-	-	-	-	-	-	-	-	-
448	-	-	-	-	-	-	-	-	-	-	-	-
449	-	-	-	-	-	-	-	-	-	-	-	-
450	-	-	-	-	-	-	-	-	-	-	-	-
451	-	-	-	-	-	-	-	-	-	-	-	-
452	-	-	-	-	-	-	-	-	-	-	-	-
453	-	-	-	-	-	-	-	-	-	-	-	-
454	-	-	-	-	-	-	-	-	-	-	-	-
455	-	-	-	-	-	-	-	-	-	-	-	-
456	-	-	-	-	-	-	-	-	-	-	-	-
457	-	-	-	-	-	-	-	-	-	-	-	-
501	7.15	14.53	DRY	DRY	DRY	18.14	DRY	DRY	DRY	DRY	16.44	15.89
502	14.54	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
504	10.89	13.30	16.30	DRY	15.62	15.17	15.87	16.00	DRY	DRY	15.69	14.70
506	12.24	-	-	-	-	17.39	DRY	18.03	DRY	DRY	16.53	16.27
507	5.52	-	17.98	19.02	DRY	18.40	19.15	19.48	DRY	DRY	18.52	15.97
508	17.54	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
510	-	-	-	-	-	-	-	-	-	-	-	-
511	8.30	9.78	10.78	11.01	10.51	9.80	10.08	10.04	10.27	10.41	9.78	9.18
512	3.09	-	-	-	-	-	-	-	-	-	-	-

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	04/08/75	07/04/75	09/03/75	09/22/75	09/30/75	10/21/75	11/05/75	11/20/75	12/05/75	12/23/75	01/09/76	01/27/76
T29-1	7.29	-	-	-	-	7.64	8.01	8.29	8.83	9.44	7.43	6.18
T30-1	-	-	-	-	-	10.34	DRY	DRY	DRY	DRY	9.13	7.53
T31-1	-	-	-	-	-	-	-	-	-	-	-	-
T60-1	-	-	-	-	-	-	-	-	-	-	-	-
T64-1	-	-	-	-	-	-	-	-	-	-	-	-
T66-1	-	-	-	-	-	-	-	-	-	-	-	-
T83-1	-	-	-	-	-	-	15.58	15.59	15.62	15.65	15.61	15.62
T83-2	-	-	-	-	-	-	DRY	DRY	DRY	DRY	DRY	DRY
T83-3	-	-	-	-	-	-	DRY	DRY	DRY	DRY	12.89	12.00
T83-4	-	-	-	-	-	-	13.13	13.17	13.54	13.69	11.86	11.26
T83-5	-	-	-	-	-	-	11.41	-	11.40	11.47	11.45	11.45
T105-1	-	-	-	-	-	-	12.60	11.59	11.92	12.34	11.79	10.00
T105-2	-	-	-	-	-	-	DRY	14.04	14.05	13.68	13.71	13.53
T105-3	-	-	-	-	-	-	12.69	12.70	13.18	13.57	11.38	10.41
T105-4	-	-	-	-	-	-	4.85	3.48	4.68	3.45	2.43	2.20
T105-5	-	-	-	-	-	-	14.30	-	13.52	13.58	10.37	9.43
T105-6	-	-	-	-	-	-	13.29	-	13.43	13.80	11.67	10.61
T117-1	-	-	-	-	-	-	-	-	-	-	-	-

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	02/12/76	03/01/76	03/15/76	04/02/76	04/20/76	04/21/76	05/04/76	05/25/76	06/09/76	06/24/76	07/09/76	07/29/76
130	2.66	2.71	2.62	2.30	2.88	2.96	2.97	3.06	3.18	2.93	2.95	3.11
132	4.91	4.91	4.53	4.11	5.16	5.16	5.22	5.15	4.81	4.66	4.41	4.81
133	2.23	2.23	2.04	2.14	2.36	2.43	2.54	2.40	1.58	1.47	1.45	2.49
134	2.00	2.13	1.85	1.55	2.35	2.38	2.49	2.58	2.46	2.45	2.03	3.08
136	6.27	6.13	5.23	3.32	7.53	7.87	8.04	7.70	7.83	7.23	7.27	8.18
143	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	-	-
145	10.42	10.58	9.96	8.02	DRY	DRY	DRY	9.56	10.00	9.89	8.98	DRY
147	7.91	8.01	7.57	6.75	8.91	8.85	9.36	9.03	9.26	9.22	9.01	9.75
149	0.26	0.28	0.24	0.05	0.74	0.76	0.97	0.79	0.99	0.50	0.53	1.16
157	3.52	3.55	3.53	3.35	3.87	3.88	4.05	4.17	4.22	3.80	3.66	4.26
159	3.95	3.88	3.71	3.61	4.17	4.13	4.51	4.34	4.44	4.29	4.06	4.97
160	1.24	1.18	1.01	0.92	1.64	1.67	1.76	1.54	1.70	1.28	1.20	2.09
161	1.48	2.28	1.29	1.03	2.29	2.37	2.81	2.20	2.51	1.99	1.85	3.49
165	16.92	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	-	-
167	DRY	12.02	DRY	10.83	DRY	DRY	DRY	12.17	12.11	12.11	DRY	-
169	14.89	14.71	15.15	14.49	15.49	15.55	DRY	DRY	DRY	DRY	DRY	DRY
173	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	-	-
174	55.23	54.81	54.60	54.35	55.98	56.03	56.02	55.56	55.14	56.22	55.87	55.35
175	19.28	18.85	19.53	20.06	20.59	20.66	-	22.70	23.08	23.81	23.85	24.28
176	22.32	23.23	24.89	23.35	27.19	27.47	31.03	29.32	28.73	29.81	28.13	31.65
177	35.88	35.65	35.67	35.79	36.13	36.14	36.55	36.68	36.85	36.99	37.01	37.34
178	31.08	31.00	30.85	30.19	31.84	31.86	32.54	32.34	32.38	32.74	32.52	33.21
419	12.29	12.22	12.08	11.18	12.79	12.80	13.07	13.16	13.17	13.13	13.07	13.48
420	2.25	2.19	2.17	1.53	2.22	2.22	2.32	2.32	2.50	2.20	2.22	2.82
421	3.46	3.52	2.94	2.19	4.53	4.58	5.07	4.59	4.93	4.24	3.83	5.78
422	9.44	9.28	9.42	9.14	9.83	9.85	10.28	10.68	10.62	10.81	10.65	11.07
423	10.53	10.53	10.69	10.47	11.30	11.21	11.58	11.72	11.66	11.86	11.79	12.31
424	-	27.97	27.89	27.16	28.68	28.72	29.40	29.47	29.55	29.63	29.47	30.27
425	6.18	6.18	6.12	5.68	6.33	6.65	6.87	6.72	6.92	6.47	6.50	7.18
426	2.90	2.86	2.88	2.70	2.94	3.00	3.01	3.10	3.25	3.13	3.19	3.45
427	3.35	3.35	3.18	3.03	3.38	3.37	3.59	3.45	3.45	3.60	3.72	4.01
428	1.02	1.22	1.34	1.10	1.52	1.60	1.88	1.70	1.48	1.37	1.31	1.82
429	8.38	7.03	7.05	6.35	9.93	10.26	12.05	8.32	8.72	6.77	6.82	7.26
430	-	-	-	15.85	17.47	17.51	12.34	17.64	17.88	17.62	17.12	18.54
431	-	-	-	-	28.90	29.06	29.88	28.51	28.69	28.92	28.08	29.49

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	02/12/76	03/01/76	03/15/76	04/02/76	04/20/76	04/21/76	05/04/76	05/25/76	06/09/76	06/24/76	07/09/76	07/29/76
432	-	-	-	-	21.69	21.08	22.12	23.28	23.37	23.64	24.09	24.49
433	-	-	-	-	-	-	-	-	40.76	41.10	41.21	41.62
434	-	-	-	-	-	-	-	-	-	26.06	26.17	26.35
435	-	-	-	-	-	-	-	-	-	13.63	14.36	14.89
436	-	-	-	-	-	-	-	-	-	12.88	12.79	13.41
437	-	-	-	-	-	-	-	-	-	17.44	17.47	17.75
438	-	-	-	-	-	-	-	-	-	31.47	31.63	31.80
439	-	-	-	-	-	-	-	-	-	21.45	21.11	21.78
440	-	-	-	-	-	-	-	-	-	-	24.42	24.67
441	-	-	-	-	-	-	-	-	-	-	-	31.47
442	-	-	-	-	-	-	-	-	-	-	-	-
443	-	-	-	-	-	-	-	-	-	-	-	-
444	-	-	-	-	-	-	-	-	-	-	-	-
445	-	-	-	-	-	-	-	-	-	-	-	-
446	-	-	-	-	-	-	-	-	-	-	-	-
447	-	-	-	-	-	-	-	-	-	-	-	-
448	-	-	-	-	-	-	-	-	-	-	-	-
449	-	-	-	-	-	-	-	-	-	-	-	-
450	-	-	-	-	-	-	-	-	-	-	-	-
451	-	-	-	-	-	-	-	-	-	-	-	-
452	-	-	-	-	-	-	-	-	-	-	-	-
453	-	-	-	-	-	-	-	-	-	-	-	-
454	-	-	-	-	-	-	-	-	-	-	-	-
455	-	-	-	-	-	-	-	-	-	-	-	-
456	-	-	-	-	-	-	-	-	-	-	-	-
457	-	-	-	-	-	-	-	-	-	-	-	-
501	14.80	14.87	15.38	15.14	16.11	16.20	17.77	DRY	DRY	DRY	DRY	DRY
502	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
504	15.33	15.43	15.80	15.67	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
506	16.19	16.29	16.56	16.36	16.79	16.83	17.46	17.17	17.25	17.90	17.88	DRY
507	16.14	15.81	16.25	16.03	16.88	17.13	18.00	DRY	DRY	DRY	DRY	DRY
508	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
510	-	-	-	2.82	3.82	3.83	4.12	4.81	3.97	3.77	3.55	4.34
511	9.76	9.77	9.81	9.60	10.08	10.08	10.47	10.43	10.53	10.51	10.46	11.16
512	-	-	-	3.95	5.08	5.09	5.53	5.07	5.31	5.06	4.74	5.47

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	02/12/76	03/01/76	03/15/76	04/02/76	04/20/76	04/21/76	05/04/76	05/25/76	06/09/76	06/24/76	07/09/76	07/29/76
T29-1	6.24	6.05	6.26	6.23	6.60	6.63	6.93	7.19	7.18	7.39	7.27	7.48
T30-1	8.13	8.17	8.93	8.71	9.47	9.66	10.49	DRY	10.31	DRY	9.37	9.68
T31-1	-	-	-	-	-	-	-	-	-	-	-	-
T60-1	-	-	-	-	-	-	-	-	-	12.17	12.14	12.72
T64-1	-	-	-	-	-	-	-	-	-	-	-	-
T66-1	-	-	-	-	-	-	-	-	-	13.83	14.00	14.53
T83-1	-	-	15.56	15.57	15.62	15.60	15.57	15.59	15.57	15.59	15.60	15.57
T83-2	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
T83-3	11.30	11.88	11.70	12.01	12.24	12.27	12.74	13.27	13.55	-	-	-
T83-4	11.74	11.65	12.08	11.54	12.06	12.07	12.18	12.62	12.79	13.14	13.45	13.94
T83-5	11.34	11.05	11.19	11.30	DRY	DRY	11.41	DRY	DRY	DRY	DRY	DRY
T105-1	11.80	11.49	11.16	10.68	12.25	12.32	13.04	12.78	13.73	13.02	12.54	12.69
T105-2	13.77	13.78	13.61	12.87	13.83	13.81	13.93	13.71	13.70	13.66	13.12	13.67
T105-3	10.27	10.47	10.70	10.88	11.32	11.34	11.83	12.28	12.55	12.95	13.29	-
T105-4	3.17	3.41	2.97	2.44	4.91	5.00	6.07	6.20	4.00	4.05	2.93	3.85
T105-5	10.43	10.01	9.50	9.33	10.63	10.69	11.08	13.52	12.14	11.90	11.61	12.12
T105-6	10.13	9.69	9.67	9.70	10.88	10.92	11.62	11.76	12.22	12.96	12.90	14.05
T117-1	-	-	-	-	-	-	-	-	-	-	-	-

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	08/20/76	09/14/76	09/28/76	10/27/76	11/01/76	11/11/76	11/30/76	12/16/76	01/04/77	01/26/77	02/15/77	03/01/77		
130	3.42	3.32	-	2.68	-	2.85	2.45	2.48	2.56	2.64	2.61	2.17		
132	5.56	5.16	-	2.77	-	3.47	1.78	1.31	1.96	2.57	2.22	1.04		
133	2.47	3.22	-	0.20	-	0.02	+0.01	+0.04	-	-	-	-		
134	3.48	-	-	-	-	-	-	-	-	-	-	-		
136	8.36	8.29	-	-	-	-	-	-	-	-	-	-		
143	-	-	-	-	-	DRY	22.68	DRY	DRY	DRY	DRY	DRY		
145	DRY	DRY	DRY	7.95	-	DRY	7.39	8.53	10.34	DRY	DRY	DRY		
147	10.20	10.58	-	8.07	-	9.91	6.34	6.64	7.88	9.08	8.89	6.69		
149	1.46	1.51	0.90	0.11	-	0.89	0.05	0.09	0.25	0.56	0.79	0.11		
157	4.64	4.85	-	3.37	-	4.20	3.40	3.42	3.53	3.74	3.93	3.33		
159	5.84	DRY	-	4.61	-	4.69	3.68	3.69	3.90	4.17	4.28	3.61		
160	3.60	4.10	-	1.16	-	1.40	0.96	0.95	1.06	1.17	1.20	0.97		
161	4.90	5.55	-	1.62	-	3.45	1.30	1.27	1.38	1.68	1.78	1.08		
165	-	-	DRY	-	-	DRY	16.71	DRY	DRY	DRY	DRY	DRY		
167	-	DRY	DRY	11.38	-	DRY	11.70	11.71	DRY	DRY	DRY	11.98		
169	DRY	DRY	-	15.02	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
173	-	-	-	16.83	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
174	56.54	58.33	-	57.94	-	57.60	55.12	54.31	54.06	54.70	56.07	54.86		
175	25.06	25.80	-	25.32	-	24.30	24.91	22.95	21.85	20.63	21.46	21.89		
176	33.63	35.02	34.27	28.59	-	29.37	26.06	23.89	24.95	27.04	31.16	27.71		
177	37.80	38.16	36.94	38.15	-	37.97	38.06	37.35	37.04	36.68	36.93	36.90		
178	33.93	34.34	-	33.78	-	34.09	33.62	32.33	32.17	32.02	32.72	31.42		
419	13.90	14.19	13.88	12.77	-	13.56	12.27	12.14	12.98	12.94	12.79	12.42		
420	3.55	3.66	-	2.41	-	2.44	2.27	2.23	2.25	2.37	2.41	2.19		
421	7.41	-	-	-	-	-	-	-	-	-	-	-		
422	11.51	DRY	-	11.14	-	11.37	11.35	10.92	10.89	10.78	11.06	10.96		
423	12.87	13.39	13.46	12.44	-	12.72	11.98	11.09	00.38	11.45	11.76	11.40		
424	30.85	31.40	31.41	28.82	-	30.90	28.18	28.69	29.41	29.32	29.81	28.29		
425	7.45	DRY	4.11	6.24	-	6.88	5.91	5.84	6.08	6.41	6.65	5.78		
426	3.93	4.01	3.57	3.26	-	3.40	2.91	2.95	2.97	3.06	3.14	2.75		
427	4.42	4.59	-	3.07	-	3.88	2.70	2.85	3.27	3.41	3.34	3.01		
428	2.49	2.92	-	1.32	-	1.43	1.20	0.87	1.15	1.41	1.65	1.58		
429	11.61	9.65	-	6.00	-	7.95	5.90	5.87	6.27	7.31	7.34	5.99		
430	19.65	19.95	12.77	9.31	8.13	17.86	1.99	2.03	10.58	20.96	11.14	6.78		
431	30.67	31.06	28.60	26.42	26.57	28.82	27.24	24.86	26.93	28.51	29.40	26.52		

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	08/20/76	09/14/76	09/28/76	10/27/76	11/01/76	11/11/76	11/30/76	12/16/76	01/04/77	01/26/77	02/15/77	03/01/77		
432	25.85	DRY	DRY	DRY	DRY	DRY	DRY	DRY	25.32	23.96	24.27	25.11		
433	42.20	42.74	-	42.86	43.01	42.74	42.70	41.93	40.89	40.34	40.49	40.71		
434	26.65	26.99	-	27.47	27.40	27.33	27.37	26.63	25.34	24.80	25.25	25.60		
435	15.67	16.51	-	16.04	15.87	16.24	16.17	13.64	13.20	12.62	13.26	13.16		
436	14.47	15.38	15.52	14.07	13.88	14.09	13.31	11.50	11.77	11.60	12.46	12.39		
437	18.06	18.43	18.61	18.34	18.25	18.34	18.14	16.89	16.20	15.99	16.54	16.56		
438	32.02	32.25	32.43	32.59	32.55	32.52	32.54	32.22	31.21	30.43	30.48	30.72		
439	22.50	23.08	23.23	22.17	21.87	21.93	21.86	19.87	20.25	20.32	21.04	20.96		
440	25.09	25.32	25.19	25.10	24.96	24.95	24.63	23.72	23.17	22.96	23.78	23.85		
441	32.53	33.12	33.30	31.79	28.24	28.87	30.76	27.73	28.31	28.95	31.41	32.07		
442	-	-	-	37.05	37.03	37.49	36.87	35.41	34.95	34.56	35.32	33.85		
443	-	-	-	29.02	28.49	28.18	28.18	26.99	26.25	25.68	26.15	26.40		
444	-	-	-	8.02	8.23	9.43	8.73	7.67	8.13	8.64	9.29	8.73		
445	-	-	-	-	-	-	-	33.55	32.03	30.08	30.75	31.44		
446	-	-	-	-	-	-	-	13.68	13.45	13.60	13.60	13.50		
447	-	-	-	-	-	-	0.28	0.50	0.77	0.91	1.06	0.77		
448	-	-	-	-	-	-	46.67	44.09	44.70	45.26	46.95	45.00		
449	-	-	-	-	-	-	-	39.37	38.42	35.53	33.28	32.49		
450	-	-	-	-	-	-	-	22.25	22.24	21.94	21.95	22.05		
451	-	-	-	-	-	-	-	27.97	26.57	25.21	25.18	25.54		
452	-	-	-	-	-	-	-	-	22.10	21.24	22.14	22.45		
453	-	-	-	-	-	-	-	-	-	-	-	23.18		
454	-	-	-	-	-	-	-	-	-	-	-	18.37		
455	-	-	-	-	-	-	-	-	-	-	-	-		
456	-	-	-	-	-	-	-	-	-	-	-	-		
457	-	-	-	-	-	-	-	-	-	-	-	-		
501	DRY	-	-	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
502	DRY	-	-	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
504	-	DRY	-	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
506	DRY	DRY	-	17.64	-	17.48	17.98	16.58	16.78	16.90	17.73	17.58		
507	-	DRY	-	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
508	-	DRY	-	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
510	5.09	5.53	-	3.27	-	3.93	2.58	2.79	3.10	3.45	3.64	2.70		
511	11.64	12.01	-	10.79	-	11.31	10.84	10.21	10.27	10.40	10.70	10.30		
512	5.84	4.99	-	4.36	-	5.22	4.20	4.03	4.32	4.76	5.08	4.15		

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	08/20/76	09/14/76	09/28/76	10/27/76	11/01/76	11/11/76	11/30/76	12/16/76	01/04/77	01/26/77	02/15/77	03/01/77
T29-1	7.87	8.55	-	6.68	-	6.62	6.65	5.58	5.53	5.49	6.01	5.96
T30-1	DRY	DRY	-	7.16	-	7.76	8.65	6.89	7.35	7.53	9.05	8.96
T31-1	-	-	-	-	-	-	-	-	-	-	-	DRY
T60-1	DRY	-	-	13.73	-	13.84	11.37	10.08	10.52	10.82	11.69	11.43
T64-1	-	-	-	-	-	-	-	-	-	-	-	-
T66-1	DRY	-	-	14.60	-	16.39	14.35	12.17	12.17	11.95	12.83	12.64
T83-1	15.59	15.63	-	15.61	-	15.62	15.63	15.60	15.60	15.53	15.60	15.63
T83-2	DRY	DRY	-	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY
T83-3	DRY	DRY	-	DRY	-	DRY	DRY	13.67	13.06	11.63	11.90	12.29
T83-4	DRY	DRY	-	DRY	-	DRY	14.20	13.37	12.76	12.33	12.47	12.50
T83-5	DRY	DRY	-	DRY	-	11.38	11.36	11.41	11.33	11.18	11.38	11.38
T105-1	13.68	DRY	-	11.27	-	12.20	10.64	10.53	10.70	11.25	11.96	11.40
T105-2	13.77	13.77	-	13.61	-	13.68	13.51	13.56	13.27	13.65	13.56	13.55
T105-3	-	DRY	-	DRY	-	DRY	DRY	12.76	11.85	10.69	11.20	11.31
T105-4	5.97	7.10	-	2.63	-	4.29	2.22	2.22	3.44	4.36	2.21	2.34
T105-5	13.52	13.51	-	10.81	-	12.11	10.59	9.25	9.92	10.46	10.59	9.28
T105-6	14.28	14.49	-	14.07	-	14.13	14.06	12.82	12.42	11.80	12.32	12.27
T117-1	-	-	-	-	-	-	-	-	-	-	-	4.22

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	03/14/77	03/29/77	04/05/77	04/06/77	04/07/77	04/09/77	04/11/77	04/13/77	04/15/77	04/18/77	04/21/77	04/25/77
130	2.08	2.52	-	-	-	-	2.63	2.64	2.65	2.75	-	2.68
132	0.91	2.29	-	-	-	-	2.02	2.16	2.25	2.38	-	2.13
133	-	-	-	-	-	-	-	-	-	-	-	-
134	-	-	-	-	-	-	-	-	-	-	-	-
136	-	-	-	-	-	-	-	-	-	-	-	-
143	22.53	DRY	-	-	-	-	DRY	-	-	-	-	DRY
145	7.00	DRY	5.65	-	8.27	9.22	9.79	10.27	10.58	DRY	DRY	DRY
147	6.12	8.65	4.35	-	6.46	7.10	7.63	7.65	8.17	8.38	8.64	8.68
149	0.06	0.58	-	-	-	-	0.10	0.13	0.17	0.25	-	0.41
157	2.96	3.61	-	-	-	-	2.78	2.81	2.96	3.06	3.09	3.13
159	3.38	4.03	-	-	-	-	3.74	3.81	3.82	3.88	-	3.79
160	0.92	1.05	-	-	-	-	1.02	1.08	1.19	1.22	-	1.05
161	0.78	1.33	-	-	-	-	1.33	1.40	1.51	1.75	-	1.69
165	16.15	DRY	-	-	-	-	15.10	-	-	-	-	15.85
167	10.86	DRY	-	-	-	-	9.77	-	-	-	-	DRY
169	13.80	15.54	-	-	-	-	13.17	13.43	13.62	13.90	-	14.29
173	-	-	-	-	DRY	DRY	DRY	14.81	-	16.48	-	DRY
174	52.19	55.84	42.17	48.88	50.59	51.65	52.40	53.00	53.54	54.49	55.24	55.60
175	20.55	19.63	17.08	17.18	16.91	16.61	16.53	16.38	16.37	16.50	16.72	16.79
176	21.05	24.84	9.20	13.46	14.53	16.78	17.75	18.64	19.43	20.51	21.64	22.57
177	36.61	36.52	35.33	35.75	35.70	35.59	35.52	35.43	35.37	35.33	35.31	35.24
178	30.22	31.67	28.54	28.82	29.00	29.58	30.05	30.36	30.63	31.03	31.33	31.41
419	10.86	12.95	9.36	-	9.81	10.26	10.45	10.59	10.81	11.19	11.41	11.72
420	2.13	2.36	-	-	-	-	2.18	2.23	2.29	2.28	-	2.37
421	1.65	3.41	1.41	-	1.70	2.28	2.83	3.16	3.45	3.89	4.29	4.45
422	10.21	10.39	7.41	-	7.35	7.81	8.14	8.34	8.53	8.76	8.94	9.04
423	10.42	11.06	7.93	-	8.47	8.65	8.83	8.95	9.12	9.32	9.50	9.66
424	26.00	29.11	21.23	24.09	25.27	26.56	27.04	27.15	27.22	27.30	27.36	27.37
425	5.38	6.43	-	-	-	-	5.85	5.94	6.03	6.15	-	6.34
426	2.42	3.02	-	-	-	-	2.85	2.85	2.88	2.90	-	2.95
427	2.82	3.23	-	-	-	-	2.98	3.02	3.02	3.06	-	2.84
428	1.04	1.49	-	-	-	-	0.60	0.78	0.92	1.09	-	1.25
429	5.82	7.53	-	-	-	-	6.23	-	-	-	-	7.38
430	5.73	15.28	1.81	6.76	9.02	12.06	13.82	15.12	15.73	16.45	17.30	16.91
431	22.65	28.10	17.91	-	21.01	23.26	24.49	25.31	26.08	27.14	27.86	28.24

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	03/14/77	03/29/77	04/05/77	04/06/77	04/07/77	04/09/77	04/11/77	04/13/77	04/15/77	04/18/77	04/21/77	04/25/77		
432	25.19	23.32	22.70	-	22.36	21.70	21.22	20.56	20.07	19.77	19.67	19.52		
433	40.12	39.52	38.94	-	38.32	37.84	37.70	37.58	37.55	37.60	37.62	37.78		
434	25.23	24.60	23.38	-	22.16	21.67	21.78	21.96	22.18	22.46	22.69	22.94		
435	11.63	12.20	10.12	-	9.78	9.95	10.10	10.15	10.30	10.47	10.58	10.71		
436	10.56	10.97	7.75	7.44	7.26	7.20	7.22	7.28	7.38	7.56	7.66	8.01		
437	15.70	15.60	14.32	14.05	13.95	13.94	14.01	14.04	14.15	14.30	14.47	14.64		
438	30.61	30.14	29.97	29.73	29.51	29.18	29.00	28.86	28.78	28.76	28.81	28.89		
439	18.77	19.93	15.64	-	15.70	16.32	16.76	17.10	17.43	17.80	18.08	18.39		
440	22.86	22.25	20.22	-	19.17	19.40	19.77	20.02	20.36	20.77	21.13	21.53		
441	28.35	28.27	24.32	23.35	22.97	22.93	23.86	24.37	25.00	25.88	26.45	27.26		
442	31.92	33.96	28.53	-	28.55	29.12	29.36	29.46	29.67	29.98	30.84	31.50		
443	25.94	24.67	22.83	23.21	22.80	21.86	21.51	21.33	21.36	21.46	21.62	21.75		
444	7.44	8.53	5.85	-	6.83	7.29	7.57	7.74	7.88	8.04	8.13	8.19		
445	30.55	28.88	27.70	26.57	25.82	24.56	24.56	24.18	24.09	24.20	24.48	24.77		
446	13.21	13.50	12.13	-	13.01	13.13	13.24	13.26	13.26	13.31	13.34	13.38		
447	0.63	1.00	-	-	-	-	0.70	0.75	0.79	0.85	-	0.92		
448	41.85	43.77	36.85	-	36.31	37.38	38.53	39.40	40.19	41.33	42.29	43.03		
449	31.56	30.69	30.26	-	30.11	29.91	29.92	29.83	29.76	29.69	29.63	29.60		
450	22.06	21.38	20.21	-	19.64	19.28	19.14	19.00	18.85	18.81	18.81	18.85		
451	24.75	23.28	20.34	-	18.28	17.71	17.63	17.42	17.47	17.54	17.72	17.88		
452	21.27	19.84	17.70	-	15.22	14.97	15.04	14.93	15.10	15.28	15.46	15.67		
453	21.01	21.66	9.07	-	17.28	17.49	17.73	17.78	17.99	18.31	18.58	18.76		
454	16.33	18.13	13.43	-	16.17	16.90	17.37	17.53	17.78	17.94	17.86	17.91		
455	19.12	20.65	16.20	-	17.97	18.34	18.69	18.81	19.02	19.44	19.87	20.27		
456	-	-	3.66	-	4.30	5.10	-	-	-	-	6.47	-		
457	-	-	-	-	-	-	-	-	-	-	-	-		
501	17.96	16.76	11.78	11.19	10.98	11.07	11.30	11.38	11.46	11.68	11.83	12.08		
502	DRY	DRY	-	-	-	-	16.49	16.51	16.51	16.59	-	16.96		
504	15.64	16.27	-	-	-	-	14.19	14.26	14.39	14.58	-	14.89		
506	16.34	16.64	14.27	-	13.96	14.05	14.10	14.13	14.18	14.26	14.36	14.49		
507	DRY	DRY	-	-	-	13.44	13.31	13.02	12.85	12.74	12.72	12.67		
508	DRY	DRY	-	-	-	-	DRY	-	-	-	-	DRY		
510	1.82	3.50	-	-	-	-	3.16	3.26	3.33	3.41	-	3.50		
511	9.76	10.20	-	-	-	-	9.44	9.45	9.44	9.48	-	9.60		
512	3.78	4.77	-	-	-	-	4.14	4.21	4.29	4.43	-	4.60		

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	03/14/77	03/29/77	04/05/77	04/06/77	04/07/77	04/09/77	04/11/77	04/13/77	04/15/77	04/18/77	04/21/77	04/25/77
T29-1	4.96	5.25	3.67	-	4.05	4.22	4.34	4.44	4.53	4.65	-	4.89
T30-1	6.30	7.09	4.06	-	5.58	5.98	6.03	6.06	6.11	6.27	6.48	6.76
T31-1	DRY	DRY	-	-	DRY	-	DRY	-	-	-	-	-
T60-1	9.57	10.08	7.37	-	6.73	6.48	6.41	6.37	6.39	6.50	6.66	6.90
T64-1	7.14	8.23	3.84	5.44	6.05	6.75	7.12	7.31	7.45	7.62	7.76	7.93
T66-1	11.10	11.19	9.35	-	8.64	8.31	8.15	8.01	7.93	7.91	7.98	8.12
T83-1	15.63	15.64	15.59	-	15.58	-	15.57	15.60	15.60	15.59	15.60	15.62
T83-2	DRY	DRY	DRY	-	DRY	-	DRY	-	-	-	-	DRY
T83-3	11.24	10.28	9.56	-	8.92	-	-	8.53	8.53	8.62	8.75	8.88
T83-4	12.01	12.09	11.84	-	11.67	-	11.61	11.69	11.59	11.58	11.57	11.59
T83-5	11.38	11.40	11.40	-	11.21	-	10.30	9.93	9.61	9.31	9.15	9.02
T105-1	9.80	10.63	9.49	-	9.70	-	10.71	10.64	10.63	10.64	10.63	10.63
T105-2	13.57	13.60	13.55	-	13.58	-	13.60	13.62	13.61	13.62	13.62	13.63
T105-3	9.99	9.75	8.56	-	8.16	-	7.90	7.86	7.87	7.96	8.08	8.20
T105-4	2.31	4.03	2.15	-	2.61	-	3.49	3.75	3.95	4.22	4.40	4.57
T105-5	9.18	9.40	8.97	-	9.13	-	9.17	9.18	9.18	9.18	9.10	8.79
T105-6	11.15	10.98	9.55	-	9.17	9.07	8.82	8.56	8.28	7.97	7.69	7.40
T117-1	2.13	3.16	+0.45	+0.15	0.06	0.43	0.80	1.12	1.41	1.83	2.25	2.66

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement												09/09/77
	05/10/77	05/23/77	06/07/77	06/20/77	07/05/77	07/21/77	08/02/77	08/03/77	08/15/77	08/25/77	08/26/77		
130	2.80	2.96	3.44	3.17	3.27	4.47	-	3.73	3.60	-	3.62	3.55	
132	2.27	2.59	3.15	3.38	2.83	3.94	-	4.21	4.57	-	4.34	4.29	
133	-	-	-	-	-	-	-	-	-	-	-	-	
134	-	-	-	-	-	-	-	-	-	-	-	-	
136	-	-	-	-	-	-	-	-	-	-	-	-	
143	DRY	DRY	DRY	DRY	DRY	-	-	DRY	DRY	DRY	-	DRY	
145	9.79	DRY	DRY	DRY	DRY	-	-	DRY	DRY	DRY	-	DRY	
147	8.90	9.10	9.39	9.61	9.35	9.77	9.96	-	10.20	10.29	-	10.16	
149	0.65	0.85	1.15	1.23	1.04	1.45	-	1.45	1.46	1.57	-	1.47	
157	3.43	3.61	4.06	4.13	3.94	4.35	4.22	-	4.37	4.56	-	4.30	
159	4.06	4.46	5.02	5.45	4.63	5.65	5.73	-	DRY	DRY	-	DRY	
160	1.45	1.49	3.10	3.05	1.56	3.36	3.22	-	2.94	2.53	-	2.33	
161	2.06	3.02	4.08	4.19	2.70	4.56	4.50	-	4.96	4.93	-	3.78	
165	DRY	DRY	DRY	DRY	DRY	-	-	DRY	DRY	DRY	-	DRY	
167	DRY	DRY	DRY	DRY	DRY	-	-	DRY	DRY	DRY	-	DRY	
169	14.94	15.34	DRY	DRY	DRY	-	DRY	-	DRY	DRY	-	DRY	
173	DRY	DRY	DRY	DRY	DRY	-	DRY	-	DRY	DRY	-	DRY	
174	56.66	57.70	58.02	57.01	57.56	58.35	58.75	-	58.89	58.80	-	58.80	
175	17.99	19.00	20.07	20.37	21.10	21.98	22.63	-	23.37	23.85	-	24.65	
176	26.72	31.40	33.10	34.14	29.34	-	-	-	-	-	-	33.19	
177	35.50	35.93	36.48	36.86	37.13	37.39	-	37.60	37.84	38.01	-	38.23	
178	31.96	32.56	33.13	33.40	33.56	34.01	-	34.24	34.50	-	34.54	34.77	
419	12.25	12.65	12.93	13.01	12.96	13.28	-	13.41	13.57	13.65	-	13.47	
420	2.52	2.41	3.46	2.69	2.61	3.99	2.61	3.17	2.73	-	3.02	3.04	
421	4.68	5.62	6.65	7.09	5.53	7.27	-	7.50	8.53	-	7.96	8.60	
422	9.45	9.84	10.38	10.65	10.41	11.02	-	11.21	11.47	-	11.84	11.89	
423	10.12	10.69	11.29	11.69	11.59	12.09	-	12.42	12.71	12.95	-	13.14	
424	28.10	28.80	29.48	30.03	29.97	30.49	-	30.86	31.18	31.38	-	31.40	
425	6.57	6.76	7.17	7.20	6.97	7.45	-	7.39	-	DRY	-	DRY	
426	3.01	3.04	3.28	3.31	3.33	3.66	-	3.70	3.62	3.36	-	3.70	
427	3.20	3.43	3.86	3.82	3.61	3.90	3.95	-	4.05	4.05	-	3.45	
428	1.66	1.82	2.33	2.46	1.53	2.24	2.25	-	2.52	2.72	-	2.48	
429	8.66	6.04	7.99	9.46	6.95	-	-	-	12.29	13.17	-	13.62	
430	11.27	12.32	19.08	18.26	15.35	19.59	18.30	-	18.99	17.50	-	15.72	
431	28.84	29.56	30.05	30.36	28.26	29.75	-	30.18	30.50	-	30.51	30.08	

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement												
	05/10/77	05/23/77	06/07/77	06/20/77	07/05/77	07/21/77	08/02/77	08/03/77	08/15/77	08/25/77	08/26/77	09/09/77	
432	20.53	21.52	22.53	23.69	24.84	25.48	-	26.10	26.52	26.62	-	DRY	
433	38.49	39.17	39.90	40.53	40.95	41.34	-	41.72	42.02	-	42.30	42.60	
434	24.03	24.70	25.27	25.63	25.85	26.11	-	26.33	26.56	-	-	27.01	
435	11.49	12.12	13.09	13.40	13.66	14.37	-	14.92	15.39	-	15.81	16.31	
436	9.10	10.11	11.30	12.17	12.16	-	-	-	-	-	-	14.92	
437	15.45	16.10	16.74	16.83	17.20	17.54	-	17.81	18.09	18.16	-	18.79	
438	29.47	29.97	30.42	30.73	31.07	31.42	-	31.68	31.85	32.02	-	32.20	
439	19.41	20.02	20.69	21.17	20.96	21.64	-	22.04	22.36	22.54	-	22.91	
440	22.94	23.67	24.13	24.37	24.41	24.74	-	24.89	25.01	-	-	26.12	
441	30.06	31.41	32.15	32.65	30.67	31.55	-	32.36	32.74	33.13	-	33.58	
442	33.63	34.38	35.01	35.50	35.93	36.53	-	36.85	37.15	-	37.35	37.53	
443	22.54	23.63	24.83	26.04	26.40	27.48	-	27.96	28.45	-	28.60	28.96	
444	8.48	8.71	8.97	9.08	8.71	9.13	9.27	-	9.48	9.60	-	9.64	
445	26.59	27.91	29.21	30.30	31.04	31.89	32.64	-	33.37	33.86	-	34.76	
446	13.49	13.54	13.65	13.68	13.62	13.86	13.88	-	13.87	13.85	-	13.98	
447	0.98	1.08	1.69	1.74	1.09	1.82	-	1.85	1.81	2.05	-	1.44	
448	45.09	46.37	47.25	47.89	46.62	47.83	-	48.40	48.84	49.30	-	49.88	
449	29.51	29.48	29.46	29.46	29.42	29.40	-	29.39	29.56	-	29.50	29.54	
450	19.04	19.21	19.39	19.57	19.75	19.94	20.11	-	20.29	20.42	-	20.67	
451	19.15	20.22	21.43	22.44	22.94	23.85	24.57	-	25.32	25.82	-	26.66	
452	17.26	18.63	19.85	20.78	21.10	21.83	22.35	-	22.90	23.20	-	23.80	
453	19.72	20.40	21.28	21.97	21.66	22.75	23.44	-	23.98	22.33	-	22.62	
454	18.26	18.49	18.84	19.06	18.79	19.14	19.31	-	19.59	19.74	-	20.02	
455	21.74	22.63	23.27	23.82	23.22	23.82	24.21	-	24.63	24.84	-	25.29	
456	7.39	7.90	8.88	8.39	8.33	9.03	-	8.92	8.97	-	8.94	8.55	
457	1.41	1.63	2.69	2.32	2.11	3.13	-	2.99	2.96	-	3.11	2.93	
501	13.43	14.62	16.14	17.50	DRY	-	-	DRY	DRY	-	DRY	DRY	
502	DRY	DRY	DRY	DRY	DRY	-	-	DRY	DRY	-	DRY	DRY	
504	15.68	16.29	DRY	DRY	DRY	-	DRY	-	DRY	DRY	-	DRY	
506	15.00	15.65	16.47	17.04	17.00	17.88	DRY	-	18.08	DRY	-	17.88	
507	13.46	14.42	15.69	16.85	17.49	DRY	DRY	-	DRY	DRY	-	DRY	
508	DRY	DRY	DRY	DRY	DRY	-	DRY	-	DRY	DRY	-	DRY	
510	3.62	3.80	3.99	4.16	3.84	4.35	4.50	-	4.78	5.07	-	5.22	
511	9.89	10.09	10.39	10.68	10.46	10.94	11.14	-	11.41	11.58	-	11.32	
512	4.90	5.24	5.61	5.83	5.25	5.75	5.88	-	5.97	5.99	-	6.03	

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	05/10/77	05/23/77	06/07/77	06/20/77	07/05/77	07/21/77	08/02/77	08/03/77	08/15/77	08/25/77	08/26/77	09/09/77
T29-1	5.35	5.71	6.12	6.48	5.84	6.31	6.62	-	6.98	7.17	-	7.46
T30-1	7.99	9.05	10.11	DRY	8.85	10.74	DRY	-	DRY	DRY	-	DRY
T31-1	-	-	-	-	-	-	-	-	-	-	-	-
T60-1	7.97	9.06	10.30	11.28	11.34	-	-	-	-	-	-	13.11
T64-1	8.57	8.93	9.25	9.47	8.28	-	-	-	-	-	-	10.29
T66-1	9.18	10.25	11.42	12.31	12.62	13.65	-	14.49	16.26	DRY	-	DRY
T83-1	15.62	15.60	15.65	15.59	15.57	15.60	-	15.60	15.57	-	15.57	15.57
T83-2	DRY	DRY	DRY	DRY	DRY	-	-	DRY	DRY	-	DRY	DRY
T83-3	9.59	10.25	11.13	12.01	12.62	DRY	-	DRY	DRY	-	DRY	DRY
T83-4	11.68	11.81	12.13	12.29	12.67	13.22	-	13.76	DRY	-	DRY	DRY
T83-5	9.52	10.49	11.46	DRY	DRY	-	-	DRY	DRY	-	DRY	DRY
T105-1	10.61	10.48	10.56	10.54	10.50	10.68	-	10.66	10.91	-	10.88	11.46
T105-2	13.61	13.61	13.68	13.61	13.59	13.67	-	13.62	13.60	-	13.13	13.58
T105-3	9.03	9.79	10.75	11.61	12.08	12.96	-	-	DRY	-	DRY	DRY
T105-4	5.16	5.15	5.68	6.06	3.59	4.63	-	5.12	5.52	-	5.80	6.05
T105-5	8.82	9.14	10.24	9.70	9.96	10.69	-	10.74	10.94	-	10.54	11.24
T105-6	7.65	8.78	10.02	11.07	11.27	-	-	-	-	-	-	-
T117-1	3.88	4.69	5.42	5.95	3.54	4.47	5.05	-	5.81	6.11	-	6.95

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	09/23/77	10/07/77	10/21/77	10/22/77	11/03/77	11/14/77	12/01/77	12/19/77	01/04/78	02/01/78	02/14/78	03/01/78		
130	3.15	3.10	-	3.03	2.79	2.69	2.13	2.55	2.61	2.68	2.67	2.65		
132	2.47	2.62	-	2.59	2.10	2.08	0.61	0.99	1.49	1.32	0.98	1.23		
133	-	-	-	-	-	-	-	-	-	-	-	-		
134	-	-	-	-	-	-	-	-	-	-	-	-		
136	-	-	-	-	-	-	-	-	-	-	-	-		
143	DRY	DRY	DRY	-	DRY	DRY	22.29	DRY	DRY	DRY	DRY	DRY		
145	9.75	DRY	DRY	-	9.78	9.80	7.07	10.51	9.98	9.71	9.76	10.50		
147	9.45	9.55	9.45	-	8.94	8.58	5.84	6.69	7.70	7.03	6.59	7.56		
149	0.46	0.67	0.64	-	0.41	0.31	+0.02	0.12	0.19	0.12	0.22	0.35		
157	3.81	3.91	4.04	-	3.67	3.58	2.76	3.19	2.97	2.36	2.21	2.90		
159	4.86	4.60	4.46	-	4.10	3.93	3.32	3.61	3.74	3.69	3.67	4.03		
160	1.47	1.57	1.51	-	1.21	1.21	0.78	0.93	1.21	1.07	0.96	0.96		
161	2.40	2.87	2.61	-	1.87	1.77	0.76	1.17	1.48	1.32	1.18	1.16		
165	DRY	DRY	DRY	-	DRY	DRY	15.26	14.88	15.78	13.46	15.68	DRY		
167	DRY	DRY	DRY	-	DRY	DRY	10.59	DRY	DRY	11.38	11.80	11.97		
169	DRY	DRY	DRY	-	DRY	DRY	12.87	14.73	14.57	13.42	14.25	14.74		
173	DRY	DRY	16.76	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
174	58.14	55.72	55.72	-	55.15	54.45	47.55	52.22	53.34	51.36	53.45	54.26		
175	24.69	23.69	23.29	-	22.45	21.84	17.48	16.82	16.94	15.08	16.22	17.36		
176	29.03	29.03	25.16	-	25.36	24.61	19.06	22.07	24.13	23.59	-	-		
177	38.07	37.92	37.68	-	37.37	37.11	36.13	35.44	35.12	34.45	34.29	34.66		
178	34.09	34.14	-	34.02	33.54	33.00	29.94	31.10	30.60	29.66	30.92	31.46		
419	12.86	12.78	12.66	-	12.43	12.12	10.52	11.26	11.53	10.68	11.55	11.76		
420	2.50	2.55	-	2.58	2.57	2.45	2.16	2.37	2.36	2.33	2.42	2.44		
421	5.58	4.60	-	4.19	3.25	3.01	1.65	2.25	2.86	2.54	2.67	3.26		
422	9.28	11.08	-	10.89	10.77	10.68	8.87	9.18	9.06	7.34	8.37	8.96		
423	12.25	12.26	11.96	-	11.58	11.33	8.86	9.47	9.69	8.64	9.05	9.68		
424	31.28	30.72	30.37	-	30.00	29.67	25.10	27.35	27.42	25.75	26.64	27.58		
425	DRY	6.63	6.62	-	6.39	6.25	5.40	6.02	6.10	5.88	6.12	6.26		
426	3.35	3.57	3.34	-	3.12	2.97	2.56	2.78	2.81	2.71	2.78	2.81		
427	3.42	3.76	3.78	-	3.57	3.42	2.66	2.95	3.24	3.28	2.91	2.93		
428	1.76	1.20	1.08	-	0.97	0.93	0.16	0.69	1.00	0.67	1.06	1.44		
429	6.09	6.77	6.88	-	6.47	6.34	5.78	6.36	6.43	6.39	7.84	9.33		
430	15.52	17.33	17.97	-	17.24	16.58	0.96	2.32	6.02	8.50	1.96	2.19		
431	26.11	27.88	-	28.22	27.57	27.04	21.57	25.97	27.02	25.16	27.77	28.38		

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	09/23/77	10/07/77	10/21/77	10/22/77	11/03/77	11/14/77	12/01/77	12/19/77	01/04/78	02/01/78	02/14/78	03/01/78		
432	DRY	DRY	DRY	-	26.22	25.41	23.06	20.13	19.92	18.10	18.14	19.70		
433	42.57	42.42	-	42.02	41.52	40.41	39.10	37.77	37.66	36.49	37.04	37.94		
434	27.15	27.08	-	26.51	25.97	25.49	22.45	22.23	22.49	20.68	22.00	23.55		
435	15.69	15.61	-	14.81	14.09	13.42	10.62	10.79	10.77	9.42	10.49	11.01		
436	13.55	13.16	12.45	-	12.88	11.44	8.09	8.20	8.30	6.46	7.47	8.57		
437	18.49	18.14	17.73	-	17.39	16.96	15.51	15.08	15.14	14.19	14.51	15.32		
438	32.34	32.34	32.15	-	31.82	31.39	31.05	29.15	29.11	28.48	28.67	29.31		
439	21.61	21.20	20.69	-	20.16	19.77	17.51	18.28	18.44	17.37	18.19	19.09		
440	25.31	25.11	24.61	-	24.15	23.85	20.47	22.02	22.13	20.35	22.06	23.41		
441	31.34	28.58	28.39	-	27.39	27.91	24.73	27.17	27.94	25.89	28.99	30.55		
442	36.88	37.08	-	36.90	36.24	35.49	29.48	29.72	29.80	28.40	29.50	31.35		
443	28.94	28.36	-	27.62	27.16	26.63	23.44	21.91	21.74	19.49	20.45	21.36		
444	8.76	9.00	8.94	-	8.75	8.47	6.86	8.11	7.88	7.17	7.99	8.44		
445	35.23	34.56	33.60	-	32.91	32.04	27.40	25.03	25.15	22.51	24.23	25.99		
446	13.59	13.62	13.44	-	13.35	13.28	12.90	13.22	13.15	13.16	13.02	13.30		
447	0.92	1.05	1.10	-	0.94	0.94	0.33	0.62	0.91	0.79	0.68	1.03		
448	47.15	47.12	47.13	-	46.39	45.94	39.66	43.15	42.93	39.21	42.49	44.43		
449	29.54	29.50	-	29.43	29.32	29.32	29.18	28.92	28.73	28.41	28.18	28.04		
450	20.82	20.95	21.01	-	21.10	21.11	20.80	18.63	18.46	17.27	17.35	17.91		
451	27.18	26.94	26.72	-	26.37	25.89	22.19	19.36	18.70	15.96	16.82	17.94		
452	23.42	23.37	22.72	-	22.25	21.78	17.16	16.93	16.90	14.31	15.53	16.98		
453	23.69	23.52	23.11	-	22.55	22.17	17.11	18.92	18.57	15.74	17.19	18.19		
454	19.40	18.67	20.29	-	18.00	17.76	16.31	17.50	17.50	17.03	17.41	17.88		
455	23.67	22.84	22.22	-	21.61	20.89	16.86	17.87	18.35	16.90	18.81	19.66		
456	7.63	8.44	-	8.45	8.12	7.77	4.65	6.30	6.78	6.08	6.60	7.23		
457	2.07	1.81	-	1.75	1.51	0.78	0.84	1.17	1.36	1.05	0.99	0.97		
501	DRY	DRY	-	DRY	DRY	DRY	13.67	12.93	12.58	10.28	11.37	12.65		
502	DRY	DRY	-	DRY	DRY	DRY	17.31	17.01	16.91	16.33	16.81	17.50		
504	DRY	DRY	DRY	-	DRY	DRY	13.93	14.03	13.94	12.93	13.61	14.15		
506	17.65	17.35	17.07	-	16.95	16.75	15.12	15.02	14.84	13.84	14.20	14.68		
507	DRY	DRY	DRY	-	DRY	DRY	DRY	14.30	13.35	-	-	11.95		
508	DRY	DRY	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
510	3.63	3.77	3.72	-	3.50	3.37	1.85	3.06	3.20	2.90	3.28	3.44		
511	10.95	10.81	10.58	-	10.36	10.20	9.24	9.53	9.54	9.33	9.49	9.75		
512	4.61	4.55	4.41	-	4.23	4.09	3.34	3.71	3.95	3.86	4.16	4.40		

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	09/23/77	10/07/77	10/21/77	10/22/77	11/03/77	11/14/77	12/01/77	12/19/77	01/04/78	02/01/78	02/14/78	03/01/78
T29-1	6.78	6.67	6.35	-	6.04	5.84	4.63	5.09	5.16	4.77	5.29	5.72
T30-1	8.91	8.56	8.21	-	8.00	7.82	6.01	6.50	6.50	6.09	6.91	7.92
T31-1	-	-	-	-	-	-	-	-	-	-	-	DRY
T60-1	12.76	12.40	11.56	-	11.81	10.45	6.53	6.95	7.11	5.20	5.66	-
T64-1	8.30	8.32	8.21	-	8.04	7.92	6.48	7.63	7.76	7.31	7.91	8.39
T66-1	14.59	14.20	13.05	-	12.55	11.96	9.01	8.25	8.30	6.42	7.21	8.45
T83-1	15.57	15.57	-	DRY	DRY	DRY	DRY	DRY	DRY	15.34	15.09	15.38
T83-2	DRY	DRY	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
T83-3	DRY	DRY	-	DRY	DRY	13.55	9.77	8.83	8.86	7.96	8.54	9.26
T83-4	DRY	DRY	-	DRY	13.44	13.12	11.96	11.63	11.33	11.27	11.27	11.45
T83-5	DRY	DRY	-	DRY	DRY	DRY	DRY	9.58	9.13	7.53	7.83	8.80
T105-1	10.30	10.60	-	10.62	10.62	10.64	10.47	10.56	10.72	9.46	10.83	11.04
T105-2	13.60	13.57	-	13.63	13.62	13.59	13.55	13.53	13.65	13.31	13.55	13.52
T105-3	DRY	DRY	-	DRY	12.88	12.24	8.98	8.16	8.15	7.26	7.84	8.50
T105-4	2.95	3.53	-	3.91	3.48	3.30	2.11	2.24	2.85	3.61	2.10	2.13
T105-5	10.94	11.64	-	11.47	10.90	10.24	9.49	9.39	8.58	6.84	7.17	8.03
T105-6	13.78	14.07	-	13.68	13.52	12.57	9.86	8.26	7.29	5.48	5.79	6.72
T117-1	6.02	5.30	5.13	-	4.90	4.68	0.66	2.13	2.30	1.39	2.90	3.91

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	03/15/78	03/29/78	04/13/78	04/27/78	05/09/78	05/24/78	05/25/78	06/02/78	06/13/78	06/27/78	07/11/78	07/27/78
130	2.02	2.54	2.63	2.23	2.02	-	2.68	-	2.76	3.38	3.68	3.19
132	0.64	1.19	1.52	0.86	0.64	-	1.28	-	1.34	2.04	2.47	1.84
133	-	-	-	-	-	-	-	-	-	-	-	-
134	-	-	-	-	-	-	-	-	-	-	-	-
136	-	-	-	-	-	-	-	-	-	-	-	-
143	21.79	DRY	DRY	DRY	18.82	DRY	DRY	DRY	24.69	DRY	DRY	DRY
145	6.52	9.80	DRY	7.09	6.03	DRY	DRY	DRY	9.43	DRY	DRY	10.08
147	5.46	7.10	8.04	6.40	4.99	7.87	7.66	8.21	7.71	8.41	8.63	8.48
149	0.07	0.25	0.54	0.45	0.07	0.73	0.66	-	0.32	1.03	1.08	0.93
157	1.68	2.71	3.08	2.88	1.85	3.25	3.20	3.48	2.97	3.49	3.77	3.75
159	3.11	3.89	4.16	3.65	2.80	4.23	4.22	4.38	3.98	4.34	4.78	4.71
160	0.79	1.30	1.34	1.01	0.79	1.50	1.04	1.93	1.01	2.10	3.14	1.57
161	0.60	1.35	1.84	1.05	0.41	1.88	1.34	2.56	1.02	2.88	3.92	2.56
165	15.74	DRY	DRY	DRY	15.81	DRY	DRY	DRY	16.56	DRY	DRY	16.44
167	10.49	DRY	DRY	DRY	11.05	DRY	DRY	DRY	10.75	DRY	DRY	11.32
169	12.65	14.27	14.82	15.04	14.45	15.14	15.12	15.42	14.92	15.49	DRY	DRY
173	DRY	DRY	DRY	DRY	DRY	DRY	16.82	DRY	DRY	DRY	DRY	DRY
174	49.42	53.36	55.28	53.62	48.08	54.60	54.75	55.61	56.13	57.27	58.24	58.16
175	15.78	16.46	17.51	18.42	18.21	18.59	18.65	19.13	18.51	19.23	20.23	20.98
176	19.65	-	-	-	-	-	-	30.03	27.88	30.34	31.88	32.25
177	34.66	34.64	34.96	35.32	35.10	35.58	35.59	35.93	35.75	36.06	36.38	36.56
178	28.98	30.87	31.82	31.61	30.23	-	31.70	-	31.44	32.55	33.13	33.04
419	10.84	11.66	12.01	11.40	11.10	-	11.90	-	11.37	12.47	12.76	12.58
420	1.98	2.35	2.34	2.16	1.68	-	2.33	-	2.24	2.78	2.88	2.53
421	1.60	2.96	4.00	1.80	1.58	-	4.03	-	3.36	5.49	6.71	5.98
422	7.43	8.35	9.13	9.42	8.93	-	9.39	-	9.35	10.04	10.55	10.66
423	8.61	9.40	10.08	10.00	9.15	-	10.49	-	10.37	10.97	11.31	11.58
424	24.03	27.15	27.85	27.02	23.51	27.97	27.79	28.46	27.86	28.77	29.33	29.40
425	5.33	6.16	6.49	6.32	5.42	6.53	6.62	-	6.31	6.80	6.95	6.83
426	2.39	2.76	2.88	1.83	2.39	-	2.90	-	2.90	3.09	3.21	3.16
427	2.65	3.21	3.50	2.78	2.35	3.61	3.37	3.79	3.54	3.45	4.10	3.45
428	0.86	1.39	1.81	1.57	1.02	1.77	1.62	1.97	1.22	1.82	2.12	1.84
429	5.78	7.56	9.16	10.20	5.76	7.14	7.27	8.35	6.21	8.01	9.50	6.02
430	2.22	9.14	16.77	2.82	1.93	15.04	5.16	15.65	10.47	17.89	18.62	10.61
431	22.16	27.25	28.56	27.75	23.39	-	27.52	-	26.05	28.30	29.17	28.52

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	03/15/78	03/29/78	04/13/78	04/27/78	05/09/78	05/24/78	05/25/78	06/02/78	06/13/78	06/27/78	07/11/78	07/27/78
432	19.90	18.97	19.85	20.87	21.28	20.51	20.55	20.82	21.15	20.85	21.99	23.02
433	37.39	37.36	38.10	38.82	39.00	-	38.91	-	38.99	39.16	39.73	40.25
434	22.84	22.58	23.66	24.45	24.83	-	24.60	-	24.52	24.72	25.19	25.54
435	10.05	10.58	11.43	12.05	11.68	-	12.12	-	11.46	12.51	13.06	13.39
436	7.34	8.04	9.11	10.06	9.89	-	10.16	-	10.88	10.90	11.80	12.37
437	14.63	14.74	15.33	16.01	16.06	-	16.09	-	15.56	16.27	16.67	16.95
438	29.29	28.97	29.44	29.87	30.19	-	30.31	-	30.17	30.31	30.62	30.84
439	17.56	18.48	19.28	19.75	19.04	-	19.54	-	18.95	19.94	20.69	21.02
440	21.43	21.72	23.17	23.82	23.62	-	23.37	-	22.76	23.80	24.24	24.52
441	26.52	27.90	30.55	31.27	30.75	28.88	28.97	30.09	28.62	30.14	31.55	31.40
442	28.53	29.78	32.84	32.99	30.03	-	33.26	-	33.74	34.82	35.36	35.37
443	20.69	20.79	21.92	23.03	23.58	-	24.03	-	25.15	25.65	26.78	27.57
444	6.86	7.98	8.33	8.31	7.73	8.17	8.19	8.45	7.66	8.45	8.77	8.60
445	24.60	24.89	26.51	27.83	28.31	28.02	28.12	28.56	28.17	28.68	29.66	30.68
446	12.86	13.20	13.34	13.34	13.06	13.26	13.32	13.35	13.25	13.39	13.50	13.44
447	0.59	0.92	1.26	0.59	0.43	1.10	0.95	1.41	0.80	1.47	1.67	0.92
448	38.32	41.72	44.09	44.09	40.77	42.65	43.25	44.53	43.22	45.14	46.44	46.75
449	28.12	27.99	27.92	27.84	27.79	-	27.66	-	27.64	27.82	27.67	27.66
450	18.11	17.76	18.11	18.66	19.08	19.10	19.11	19.30	19.32	19.85	20.33	21.02
451	16.89	17.07	18.20	19.49	20.24	20.44	20.55	20.84	20.40	21.14	22.02	22.91
452	15.26	15.62	17.04	18.43	18.75	18.64	18.57	19.15	18.55	19.33	20.23	20.90
453	14.04	17.07	18.06	18.82	11.47	18.97	18.76	19.71	18.54	19.74	21.09	21.75
454	16.36	17.67	18.00	17.92	17.10	18.14	18.09	18.30	17.86	18.43	18.48	18.55
455	13.77	18.72	20.33	20.14	14.95	19.85	19.98	20.74	20.21	21.52	22.46	23.01
456	4.79	6.95	7.99	6.50	4.97	-	7.75	-	7.33	8.61	8.95	8.04
457	0.89	1.07	1.27	0.98	0.61	-	1.13	-	1.05	1.95	2.75	2.22
501	11.81	12.17	13.49	14.92	15.63	-	15.91	-	15.97	16.83	18.53	DRY
502	16.98	16.91	17.44	DRY	DRY	-	17.31	-	DRY	DRY	DRY	DRY
504	12.84	13.45	14.18	14.69	14.12	14.50	14.75	14.81	14.63	15.54	15.90	DRY
506	13.99	14.25	14.73	15.25	15.37	15.22	15.22	15.72	15.59	16.21	16.83	17.30
507	10.45	11.17	12.04	13.10	13.58	14.43	14.45	15.00	14.56	15.32	16.32	-
508	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-
510	1.44	3.32	3.70	3.34	1.13	3.72	3.70	3.90	3.40	3.90	4.07	3.90
511	9.15	9.58	9.84	9.91	9.53	9.91	9.94	10.10	9.72	10.14	10.38	10.45
512	3.46	4.24	4.50	4.13	3.34	4.54	4.48	4.81	4.24	4.95	5.03	4.77

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	03/15/78	03/29/78	04/13/78	04/27/78	05/09/78	05/24/78	05/25/78	06/02/78	06/13/78	06/27/78	07/11/78	07/27/78
T29-1	4.78	5.26	5.74	6.13	5.70	6.49	5.81	6.05	5.38	5.86	6.31	6.53
T30-1	6.04	6.84	8.04	8.89	7.84	8.27	8.30	8.88	7.05	8.30	9.61	10.21
T31-1	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
T60-1	6.86	6.90	7.97	7.97	8.69	-	8.62	-	-	10.07	11.05	11.67
T64-1	7.14	8.12	8.66	8.81	7.64	8.29	8.32	8.61	7.75	8.47	8.95	9.03
T66-1	7.36	7.69	8.94	10.05	9.94	-	10.26	-	10.50	11.14	12.11	12.77
T83-1	15.40	15.41	DRY	DRY	15.28	-	DRY	-	DRY	DRY	DRY	15.20
T83-2	DRY	DRY	DRY	DRY	DRY	-	DRY	-	DRY	DRY	DRY	DRY
T83-3	8.74	8.86	9.40	9.89	10.10	-	10.21	-	10.13	10.23	10.97	11.71
T83-4	11.28	11.50	11.68	11.78	11.34	-	11.96	-	11.62	12.03	11.82	11.92
T83-5	8.28	8.20	9.34	10.54	10.98	-	11.11	-	DRY	DRY	DRY	DRY
T105-1	9.52	9.75	10.68	9.81	9.50	-	9.75	-	9.78	10.60	10.99	10.78
T105-2	13.47	13.75	13.55	13.60	13.48	-	13.67	-	13.67	13.68	13.57	13.43
T105-3	7.95	8.04	8.64	9.22	9.33	-	9.55	-	9.32	9.60	10.32	11.00
T105-4	2.24	2.64	4.38	2.24	2.21	-	3.80	-	3.08	4.25	4.49	4.41
T105-5	7.52	7.40	8.44	8.94	9.23	-	9.43	-	9.58	9.56	9.73	9.62
T105-6	6.17	5.98	7.10	8.38	8.49	-	9.16	-	9.28	10.33	11.21	11.73
T117-1	1.70	2.76	4.03	4.59	3.74	3.55	3.56	4.05	2.56	3.55	4.59	4.79

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	08/10/78	08/23/78	09/06/78	09/20/78	10/04/78	10/18/78	11/01/78	11/14/78	11/30/78	12/20/78	01/08/79	01/23/79		
130	2.69	3.16	3.28	3.28	3.31	3.41	3.41	3.14	2.57	2.62	1.96	2.19		
132	0.98	1.90	2.25	2.40	2.67	3.20	3.55	3.75	0.95	1.54	0.69	0.75		
133	-	-	-	-	-	-	-	-	-	-	-	-		
134	-	-	-	-	-	-	-	-	-	-	-	-		
136	-	-	-	-	-	-	-	-	-	-	-	-		
143	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	20.35	24.58	21.28	20.68		
145	8.19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	7.20	DRY	6.10	6.95		
147	7.96	8.18	8.55	8.88	9.20	9.58	9.87	10.15	6.58	7.90	5.02	6.05		
149	0.10	0.49	0.83	0.92	1.14	1.25	1.35	1.49	0.11	0.37	+0.01	0.03		
157	3.52	3.50	3.75	3.96	4.10	4.36	4.48	4.57	3.44	3.53	2.21	2.32		
159	4.28	4.41	4.58	4.96	5.44	5.91	DRY	DRY	4.43	4.39	2.93	3.54		
160	1.06	1.45	1.97	2.50	3.21	4.04	4.50	4.64	1.00	1.00	0.80	0.83		
161	1.39	2.23	3.01	3.56	4.17	4.68	5.07	5.21	1.16	1.38	0.53	1.03		
165	16.51	DRY	DRY	DRY	DRY	DRY	DRY	DRY	16.22	DRY	15.16	13.44		
167	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	11.48	9.82	10.54		
169	15.03	15.82	DRY	DRY	DRY	DRY	DRY	DRY	15.40	DRY	11.74	12.72		
173	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY		
174	56.69	55.93	56.29	56.79	56.74	59.67	60.44	60.74	-	54.30	46.78	51.50		
175	21.60	20.76	21.34	22.13	22.87	23.70	24.37	24.94	24.86	22.11	18.35	16.73		
176	31.97	27.29	31.76	32.74	33.60	34.35	34.86	35.20	-	25.51	18.62	18.78		
177	36.63	36.80	36.77	36.86	37.10	37.41	37.63	37.88	37.51	36.86	35.72	35.02		
178	32.78	32.68	33.48	33.61	33.97	34.32	34.59	34.79	33.93	33.02	30.02	29.75		
419	11.79	12.19	12.69	12.92	13.14	13.50	13.55	13.69	11.42	11.59	10.60	10.36		
420	2.03	2.36	2.58	2.59	2.44	2.68	2.56	2.53	2.19	2.39	1.50	1.92		
421	3.33	4.19	5.32	6.04	6.65	7.07	7.07	7.26	3.17	3.05	1.53	1.66		
422	10.29	9.70	10.31	10.79	11.03	11.28	11.31	11.46	11.14	10.33	8.36	8.05		
423	11.08	11.11	11.61	11.94	12.34	12.67	13.02	13.29	11.61	10.92	7.95	8.55		
424	28.48	28.42	28.90	29.28	29.92	30.52	30.63	30.94	26.52	27.54	-	22.64		
425	6.15	6.52	6.78	6.91	6.87	7.25	DRY	DRY	6.18	6.31	5.33	5.46		
426	3.00	3.25	3.23	3.23	3.45	3.52	3.48	3.45	2.93	2.97	2.47	2.48		
427	3.04	3.87	3.99	4.09	4.37	4.55	4.68	4.70	2.25	2.97	2.26	2.80		
428	1.31	1.14	1.42	1.79	2.14	2.58	2.80	2.94	1.17	0.46	0.10	0.25		
429	6.08	6.53	7.59	9.61	10.98	12.83	13.75	14.30	5.74	7.56	5.72	5.87		
430	5.95	15.98	17.54	18.59	18.39	19.67	20.02	20.20	1.75	4.48	1.78	3.68		
431	25.74	26.96	28.54	29.13	29.77	30.10	30.33	30.55	25.90	26.37	20.24	22.12		

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement														01/23/79
	08/10/78	08/23/78	09/06/78	09/20/78	10/04/78	10/18/78	11/01/78	11/14/78	11/30/78	12/20/78	01/08/79	12/20/78	11/30/78	11/14/78	
432	23.90	23.84	23.60	24.32	25.27	25.99	DRY	DRY	DRY	DRY	23.84	DRY	DRY	23.84	21.03
433	40.65	40.27	40.54	40.86	41.23	41.65	41.97	42.29	42.44	41.06	39.39	41.06	42.44	39.39	37.90
434	23.36	25.34	25.49	25.77	25.88	26.19	26.46	26.71	26.89	25.63	23.43	25.63	26.89	23.43	21.94
435	13.65	13.00	13.45	13.85	14.43	14.91	15.49	16.04	15.63	13.57	15.30	15.63	16.04	13.57	11.26
436	12.40	11.23	11.90	10.86	11.61	12.29	12.90	13.41	12.04	11.84	7.93	11.84	12.04	7.93	6.85
437	17.08	16.76	16.90	17.20	17.49	17.78	18.03	18.28	18.18	16.93	15.44	16.93	18.18	15.44	14.58
438	31.09	30.79	30.92	31.11	31.42	31.68	31.85	32.02	32.15	31.38	30.32	31.38	32.15	30.32	29.30
439	20.69	19.71	20.63	21.14	21.68	22.17	22.57	22.87	21.96	19.67	17.42	19.67	21.96	17.42	17.07
440	24.56	23.90	24.26	24.62	24.90	25.14	25.30	25.44	25.12	23.85	20.90	23.85	25.12	20.90	20.22
441	30.85	27.73	30.08	31.54	32.10	32.65	33.01	33.47	32.41	26.49	24.48	26.49	32.41	24.48	24.84
442	35.25	35.11	35.66	35.84	36.16	36.76	37.04	37.29	36.64	35.51	29.73	35.51	36.64	29.73	28.73
443	27.50	26.59	25.86	27.54	28.26	28.69	29.14	29.45	28.88	26.13	23.57	26.13	28.88	23.57	21.97
444	8.30	8.24	8.76	9.05	9.31	9.63	9.90	10.07	9.03	8.45	6.78	8.45	9.03	6.78	6.75
445	31.52	30.45	31.01	31.84	32.65	33.44	34.13	34.75	35.30	31.90	27.89	31.90	35.30	27.89	24.70
446	13.28	13.22	13.41	13.49	13.55	13.68	13.72	13.79	13.33	13.27	12.40	13.27	13.33	12.40	12.78
447	0.62	0.90	1.23	1.49	1.70	2.12	2.27	2.35	0.54	0.95	0.25	0.95	0.54	0.25	0.64
448	45.60	45.10	46.63	47.56	48.16	48.81	49.29	49.78	49.40	45.57	38.78	45.57	49.40	38.78	38.78
449	27.52	27.70	27.75	27.82	27.96	27.95	28.02	28.08	28.11	28.12	28.03	28.12	28.11	28.03	28.49
450	21.49	21.47	21.53	21.85	22.36	22.98	23.54	23.97	24.36	22.56	20.46	22.56	24.36	20.46	19.06
451	23.61	22.68	23.31	24.04	24.87	25.70	26.41	27.00	27.54	25.01	22.15	25.01	27.54	22.15	18.93
452	21.11	20.23	20.74	21.48	22.13	22.71	23.21	23.67	23.78	21.27	17.87	21.27	23.78	17.87	15.72
453	21.84	20.86	21.98	22.87	23.42	23.95	24.35	24.66	19.72	21.09	9.55	21.09	19.72	9.55	15.68
454	18.47	17.97	18.20	18.50	18.92	19.31	19.37	19.79	19.53	17.92	15.27	17.92	19.53	15.27	16.21
455	22.11	21.12	22.00	22.89	23.56	24.05	24.34	24.76	22.52	20.91	13.25	20.91	22.52	13.25	16.65
456	7.10	8.26	8.70	8.77	8.89	9.16	9.28	9.26	6.54	7.57	4.58	7.57	6.54	4.58	4.85
457	1.54	1.71	2.06	2.09	2.14	2.43	2.54	2.37	1.43	1.22	0.93	1.22	1.43	0.93	1.06
501	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	18.36	14.29	18.36	DRY	14.29	12.34
502	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	17.70	16.59	17.70	DRY	16.59	16.94
504	15.85	15.48	DRY	DRY	DRY	DRY	DRY	DRY	DRY	15.46	13.60	15.46	DRY	13.60	13.20
506	17.31	16.62	17.15	17.50	DRY	DRY	DRY	DRY	DRY	16.30	15.04	16.30	DRY	15.04	14.46
507	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
510	3.11	3.54	3.79	4.02	4.27	4.47	4.62	4.82	2.43	3.32	0.58	3.32	2.43	0.58	2.11
511	10.16	10.03	10.24	10.50	10.83	11.15	11.42	11.65	10.85	10.08	9.00	10.08	10.85	9.00	9.10
512	3.95	4.31	4.63	4.95	5.24	5.60	5.88	6.05	3.81	4.08	2.94	4.08	3.81	2.94	3.32

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	08/10/78	08/23/78	09/06/78	09/20/78	10/04/78	10/18/78	11/01/78	11/14/78	11/30/78	12/20/78	01/08/79	01/23/79
T29-1	6.57	6.10	6.52	6.98	7.43	7.83	8.28	8.80	8.19	6.25	4.56	4.47
T30-1	9.64	7.99	9.11	10.48	DRY	DRY	DRY	DRY	DRY	6.68	5.49	5.95
T31-1	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	13.43
T60-1	11.74	10.47	11.23	11.96	12.71	13.16	13.17	13.17	12.51	9.90	6.00	6.83
T64-1	8.07	7.99	8.53	8.97	9.34	9.68	9.93	10.06	8.49	7.81	5.98	6.71
T66-1	12.87	11.61	12.45	13.28	14.42	15.12	DRY	DRY	14.76	11.44	8.49	7.16
T83-1	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	15.45	DRY	DRY
T83-2	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
T83-3	12.28	11.58	11.87	12.54	DRY	DRY	DRY	DRY	13.55	13.39	10.47	8.94
T83-4	12.49	12.36	12.26	12.58	12.65	13.39	13.75	13.75	14.09	11.57	11.24	10.86
T83-5	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	11.40	11.45	DRY	9.80
T105-1	10.86	11.30	11.50	12.18	12.25	12.60	12.69	12.76	10.73	10.46	9.49	9.50
T105-2	13.66	13.58	13.74	13.58	13.67	13.80	13.82	13.79	13.61	13.56	13.52	13.51
T105-3	11.45	10.76	11.21	11.79	12.48	13.16	13.33	DRY	DRY	12.12	9.22	8.12
T105-4	2.29	3.25	4.29	4.58	4.79	5.05	5.33	5.57	2.18	2.19	2.15	2.19
T105-5	9.57	9.90	10.41	10.62	11.33	11.99	12.59	13.00	9.54	9.05	9.40	9.23
T105-6	11.67	11.32	12.12	12.85	13.64	14.06	14.16	14.52	14.06	12.00	9.25	7.92
T117-1	4.05	2.62	3.61	4.53	5.44	6.17	6.79	DRY	5.08	2.04	0.67	0.35

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	02/08/79	02/27/79	03/12/79	03/30/79	04/16/79	04/30/79	05/17/79	06/04/79	06/18/79	07/11/79	07/23/79	07/24/79
130	2.71	2.07	2.40	2.61	2.18	2.73	3.04	1.65	3.34	2.87	-	-
132	0.90	0.50	0.78	1.21	0.67	1.36	1.72	0.57	1.63	1.14	-	-
133	-	-	-	-	-	-	-	-	-	-	-	-
134	-	-	-	-	-	-	-	-	-	-	-	-
136	-	-	-	-	-	-	-	-	-	-	-	-
143	DRY	20.39	DRY	DRY	23.80	DRY	DRY	19.73	DRY	DRY	-	-
145	DRY	6.87	9.61	10.00	8.55	DRY	DRY	7.67	DRY	8.84	-	-
147	7.56	5.73	6.28	7.14	6.31	7.63	8.08	5.15	7.66	7.76	5.22	6.11
149	0.17	0.06	0.09	0.18	0.10	0.34	0.69	0.01	0.51	0.58	-	-
157	3.07	2.04	1.95	2.53	1.97	2.80	3.34	1.71	2.78	2.88	1.58	1.70
159	4.00	3.48	3.64	4.02	3.61	4.13	4.48	3.04	4.22	4.29	-	-
160	1.03	0.80	0.97	1.08	0.81	1.25	1.86	0.77	1.57	1.11	-	-
161	1.35	1.03	1.17	1.33	0.95	1.71	2.39	0.42	2.18	1.58	-	-
165	14.39	13.00	12.09	14.29	13.69	15.68	DRY	15.31	DRY	DRY	-	-
167	12.11	10.64	11.08	DRY	11.35	DRY	DRY	8.86	DRY	DRY	-	-
169	14.51	11.74	13.39	13.97	12.73	14.31	14.75	11.09	14.20	15.04	-	-
173	DRY	DRY	DRY	DRY	DRY	DRY	16.34	16.23	DRY	DRY	-	-
174	54.86	50.31	52.80	53.93	52.12	54.85	54.97	49.23	55.82	57.51	48.73	51.45
175	16.91	15.81	15.09	16.32	15.97	16.71	17.95	16.15	16.73	18.04	16.60	16.47
176	23.11	18.39	21.88	25.38	21.13	26.55	31.09	19.29	26.83	31.77	16.08	19.45
177	34.53	34.70	33.85	33.76	33.85	33.97	34.52	34.42	34.45	35.27	-	-
178	31.19	29.11	29.75	30.70	29.16	31.22	32.16	28.97	31.69	32.51	29.50	29.65
419	11.22	10.43	10.80	11.41	10.90	11.54	11.93	10.82	11.56	11.96	9.53	9.57
420	2.26	1.78	2.02	2.18	1.90	2.39	2.50	1.37	2.18	1.79	-	-
421	2.96	1.65	1.94	3.14	1.70	3.85	4.71	1.63	5.01	5.49	-	-
422	9.10	6.96	7.26	8.35	7.02	8.46	9.26	6.80	8.66	9.64	6.82	7.00
423	9.30	7.92	8.08	8.93	8.48	9.21	10.06	8.10	8.64	10.50	-	-
424	26.50	-	-	25.28	24.10	25.83	-	20.47	26.86	26.19	18.03	23.55
425	5.98	5.43	5.81	6.05	5.70	6.29	6.55	5.10	6.50	6.58	-	-
426	2.77	2.43	2.60	2.73	2.58	2.84	3.06	2.77	3.08	3.17	-	-
427	3.42	2.52	2.64	3.42	2.95	3.19	3.97	1.98	4.00	2.60	1.75	2.29
428	0.87	0.39	0.64	1.33	0.94	1.44	1.08	0.12	1.69	1.24	-	-
429	7.73	5.43	6.50	6.28	5.88	6.92	-	6.60	7.72	8.17	-	-
430	5.03	1.60	2.97	13.93	7.91	12.41	17.30	2.34	17.12	4.41	-	-
431	27.31	21.17	24.42	26.61	23.35	27.84	28.55	21.06	27.80	28.45	-	-

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement													
	02/08/79	02/27/79	03/12/79	03/30/79	04/16/79	04/30/79	05/17/79	06/04/79	06/18/79	07/11/79	07/23/79	07/24/79		
432	19.45	18.21	17.12	17.59	17.38	17.60	19.60	19.61	18.52	20.91	-	-	-	-
433	37.54	37.32	36.20	36.87	36.74	37.08	38.93	38.59	38.50	39.54	-	-	-	-
434	22.29	21.60	20.45	22.31	22.47	22.88	24.31	23.88	23.82	24.86	-	-	-	-
435	10.74	9.98	9.72	10.36	10.05	10.77	11.56	10.58	11.18	12.22	-	-	-	-
436	7.53	6.45	5.96	7.04	6.60	7.71	9.11	7.34	8.17	10.30	7.50	7.45	-	-
437	14.75	14.34	13.96	14.68	14.52	14.88	15.63	15.07	15.22	16.09	15.08	14.96	-	-
438	28.82	28.95	28.14	28.68	29.01	29.10	29.58	29.55	29.35	30.07	29.88	29.73	-	-
439	18.09	17.06	17.16	18.03	17.35	18.21	19.18	17.10	18.39	19.72	16.64	16.77	-	-
440	21.48	20.54	20.24	21.95	21.11	22.38	23.62	20.90	22.49	23.96	21.55	21.08	-	-
441	27.25	25.30	25.92	28.71	27.31	29.13	30.90	25.89	27.85	31.17	-	-	-	-
442	29.81	28.12	28.33	29.15	28.02	29.80	34.22	28.27	31.45	34.18	-	-	-	-
443	21.99	21.11	20.09	20.71	19.86	21.11	22.61	21.84	22.00	24.21	23.26	22.84	-	-
444	8.04	6.50	7.49	8.04	7.13	8.16	8.45	6.48	8.11	8.45	6.11	6.49	-	-
445	24.83	23.24	22.00	24.26	23.80	24.96	26.97	24.73	25.06	27.59	25.17	24.57	-	-
446	12.83	12.64	13.03	13.08	12.92	13.15	14.02	13.33	13.91	14.06	13.26	13.46	-	-
447	0.96	0.67	0.78	0.91	0.68	1.21	1.50	0.41	0.67	0.87	-	-	-	-
448	42.70	37.70	38.50	41.35	37.30	42.31	44.53	37.49	42.51	45.86	-	-	-	-
449	-	27.78	27.67	27.63	27.52	27.46	27.41	30.07	29.90	32.37	-	-	-	-
450	18.18	18.19	17.40	17.22	17.30	17.29	19.43	18.60	18.12	20.90	18.14	19.37	-	-
451	18.71	17.65	15.96	16.93	16.93	17.37	18.85	17.46	17.56	19.57	17.48	17.19	-	-
452	16.50	15.16	14.21	15.17	14.88	15.75	17.26	15.21	15.50	17.94	15.35	14.92	-	-
453	18.32	14.41	15.60	16.66	15.19	16.94	19.13	13.12	16.71	18.37	-	-	-	-
454	17.56	15.89	16.81	17.37	16.65	17.59	18.30	14.99	17.90	18.00	15.34	15.96	-	-
455	18.89	15.27	16.89	18.56	16.70	19.00	20.65	15.66	19.55	21.86	-	-	-	-
456	4.99	4.51	5.59	6.90	4.96	7.59	8.30	4.12	8.06	7.05	-	-	-	-
457	1.10	1.05	1.16	1.16	0.83	1.07	1.51	0.49	1.70	1.33	-	-	-	-
501	12.43	11.46	10.22	11.34	11.06	12.03	13.64	12.18	12.82	15.43	-	-	-	-
502	17.66	16.71	16.43	17.03	16.99	17.51	DRY	17.11	17.61	DRY	-	-	-	-
504	13.72	12.44	12.58	13.07	12.40	13.17	14.03	12.29	13.30	14.41	-	-	-	-
506	14.60	14.01	13.58	14.07	13.81	14.27	14.90	-	14.27	15.21	-	-	-	-
507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
510	3.19	1.84	2.92	3.31	2.63	3.56	3.86	0.77	3.66	3.63	-	-	-	-
511	9.54	9.07	9.20	9.49	9.18	9.59	9.83	8.79	9.48	9.83	-	-	-	-
512	4.00	3.39	3.74	4.04	3.57	4.15	4.55	2.93	4.18	4.28	-	-	-	-

Table 2. -- Depth to water, in feet below land surface, in observation wells in Burial Ground 5, Oak Ridge National Laboratory, Roane County, Tennessee--Continued
(Plus sign preceding measurement indicates water level above land surface.)

Well No	Dates of measurement											
	02/08/79	02/27/79	03/12/79	03/30/79	04/16/79	04/30/79	05/17/79	06/04/79	06/18/79	07/11/79	07/23/79	07/24/79
T29-1	5.05	4.38	4.55	5.11	4.68	5.23	5.68	4.34	5.01	5.74	4.03	4.12
T30-1	6.55	5.89	6.06	6.75	6.03	6.93	8.32	5.67	6.82	8.96	-	-
T31-1	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
T60-1	8.17	4.96	4.58	5.63	5.16	6.36	7.83	8.37	7.00	9.15	6.57	6.43
T64-1	7.89	6.37	7.40	8.07	7.32	8.20	8.69	5.18	8.12	8.49	4.47	6.14
T66-1	7.27	6.06	5.57	6.52	6.31	7.42	9.01	7.68	8.24	10.40	7.96	7.87
T83-1	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	-
T83-2	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	-
T83-3	9.27	8.43	7.79	8.44	8.57	8.80	9.35	9.02	9.06	9.86	9.18	9.09
T83-4	11.26	10.45	11.25	11.26	11.25	11.27	11.26	11.27	11.28	11.27	-	-
T83-5	8.52	7.75	6.96	7.47	7.60	8.37	9.95	9.39	9.62	DRY	10.30	10.16
T105-1	9.81	9.52	9.65	9.77	9.74	10.01	10.63	9.68	10.47	10.66	-	-
T105-2	13.89	13.65	13.67	13.94	13.76	13.62	13.52	13.58	13.66	13.66	-	-
T105-3	8.37	7.60	7.17	7.69	7.80	8.07	8.69	8.29	8.40	9.17	8.40	8.31
T105-4	2.50	2.25	2.42	3.35	2.84	4.40	4.60	2.20	3.93	4.60	-	-
T105-5	7.93	7.15	6.27	6.79	6.83	7.59	8.71	8.34	8.61	9.45	-	-
T105-6	6.59	5.63	4.80	5.33	5.35	6.17	7.72	6.84	7.43	9.54	7.48	7.33
T117-1	2.34	+0.14	1.34	2.78	1.61	2.49	1.30	0.68	2.29	4.07	0.57	0.55

PART 3. -- SUPPLEMENTAL WATER-LEVEL MEASUREMENTS

PART 3.--SUPPLEMENTAL WATER-LEVEL MEASUREMENTS

All measurements are depth, in feet, below land surface.

Well

no.	01/28/76	01/29/76	01/30/76	01/31/76	05/11/76	05/17/76
174	51.56	53.16	53.71	54.07		55.61
175	19.40	19.11	18.94	18.97	21.93	22.28
176	18.42	18.86	19.02	22.18	31.78	
177	35.71	35.99	35.96	35.96		
178	29.55	29.57	29.68	29.96		
507	16.04	16.01	15.98	16.02		

Well

no.	08/03/78	01/22/79	05/31/79	06/01/79
174		49.59		48.68
175		16.79		
176	35.25	18.09	(1038 h) 0.36 (1245 h) 0.83 (1545 h) 7.38	(1415 h) 17.58
177		35.09		
178		29.84		

Well

no.	04/08/75	07/04/75	09/03/75	10/21/75	11/05/75	05/17/76
144	DRY	DRY		DRY		
146	8.43	10.66	12.80			
162	8.20	DRY		8.58	DRY	
172	DRY	DRY		5.92	DRY	
430						19.05
431						28.16
432						22.88
433						
436						
445						
505	10.20					
508						
T29-1						
T30-1						
T60-1						
T64-1						
T105-6						

PART 3.--SUPPLEMENTAL WATER-LEVEL MEASUREMENTS--Continued

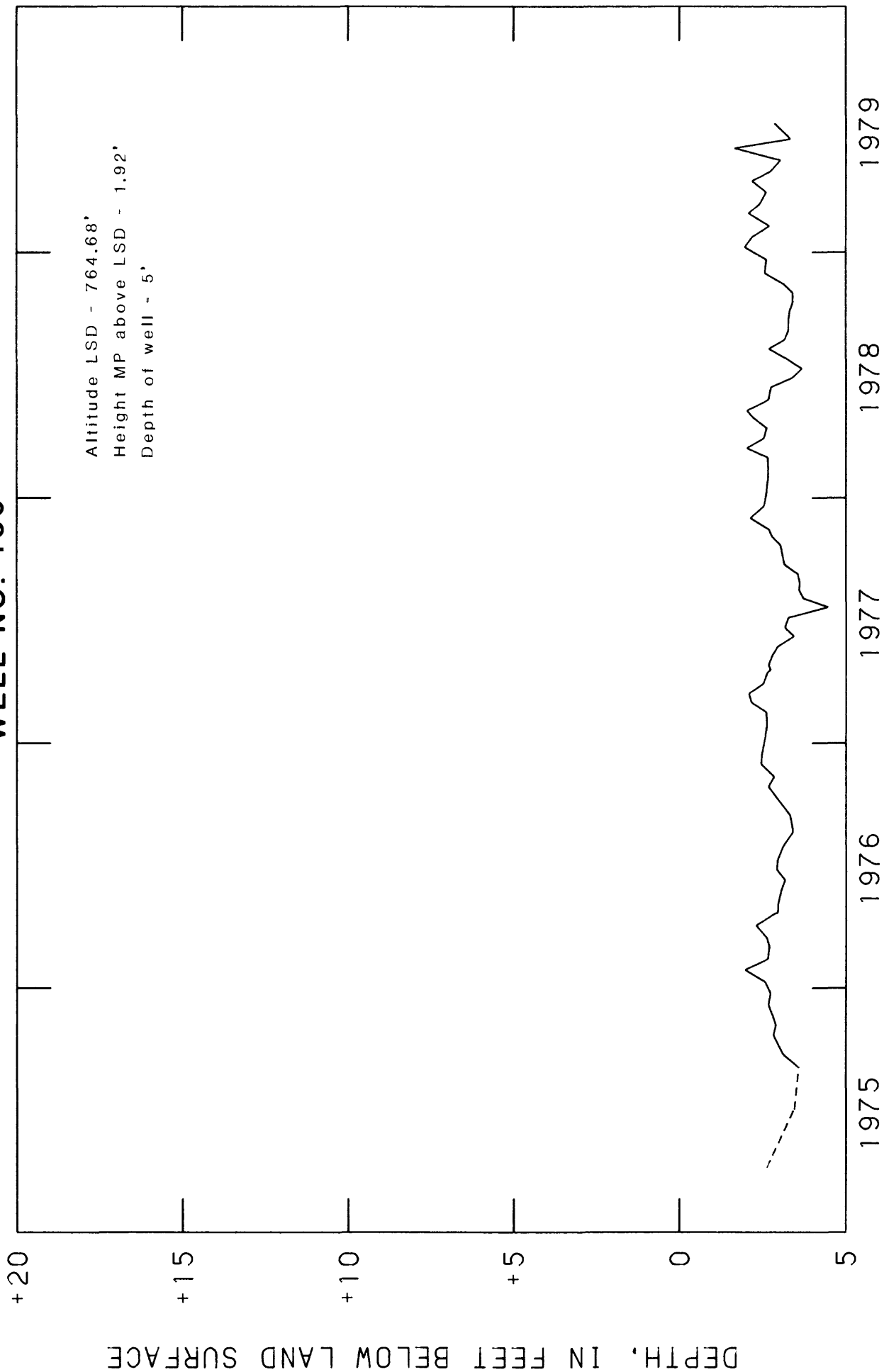
Well No.	11/04/76	11/24/76	08/29/77	01/24/78	05/26/78	06/14/78
174				51.20		
175		24.99		15.88		
176	28.70		34.31		28.62	28.06
177						
178						
507						

Well no.	05/24/76	08/29/77	01/24/78
144			
146			
162			
172			
430	17.50		
431	28.34		
432			
433	40.63		
436		14.70	
445			23.83
505			
508			DRY
T29-1			4.87
T30-1			5.02
T60-1		13.10	
T64-1		10.09	
T105-6		14.07	

PART 4. -- HYDROGRAPHS

WELL NO. 130

Altitude LSD - 764.68'
Height MP above LSD - 1.92'
Depth of well - 5'



WELL NO. 132

Altitude LSD - 763.43'
Height MP above LSD - 1.67'
Depth of well - 9'

+15

+10

+5

0

5

10

DEPTH, IN FEET BELOW LAND SURFACE

1975

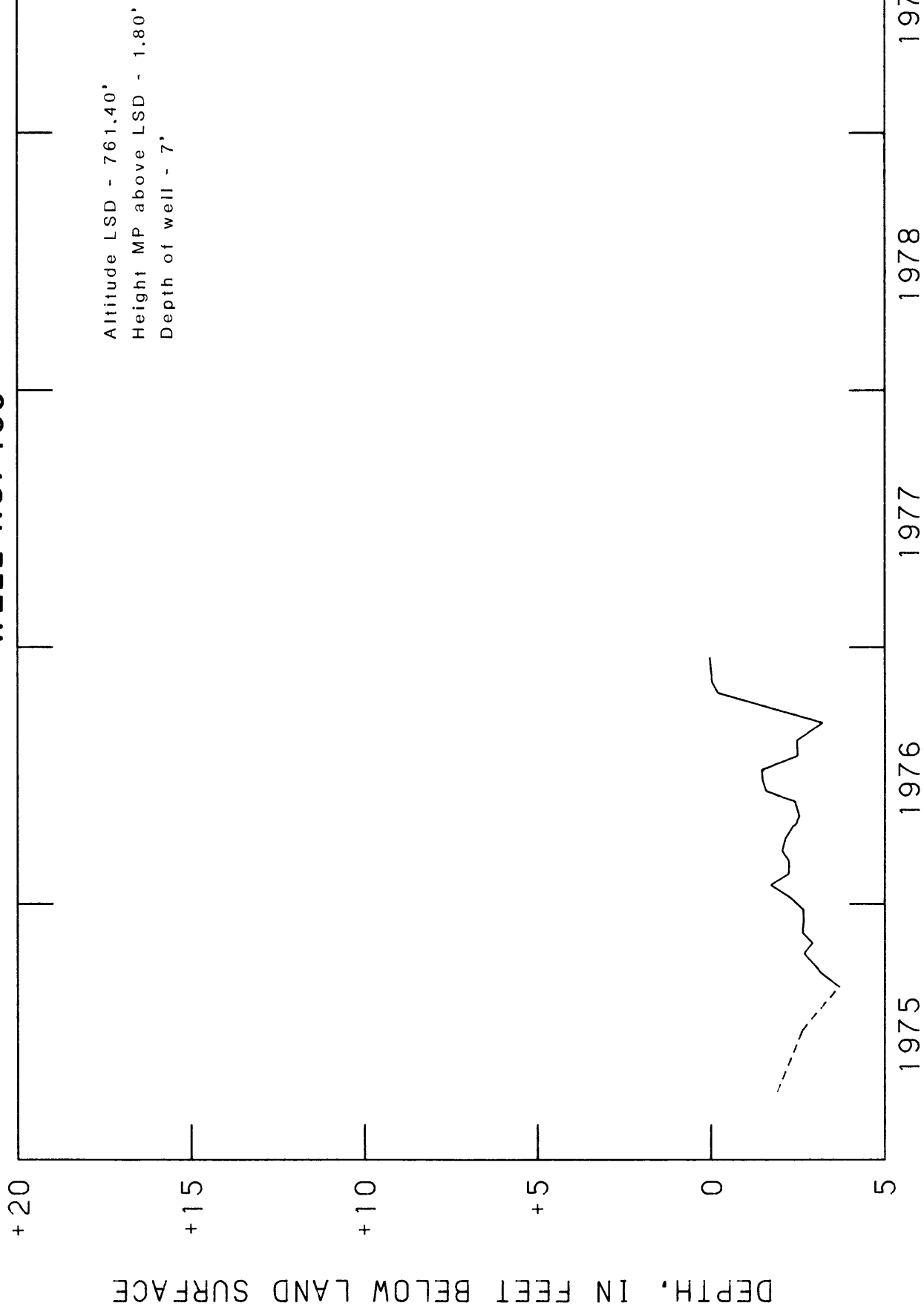
1976

1977

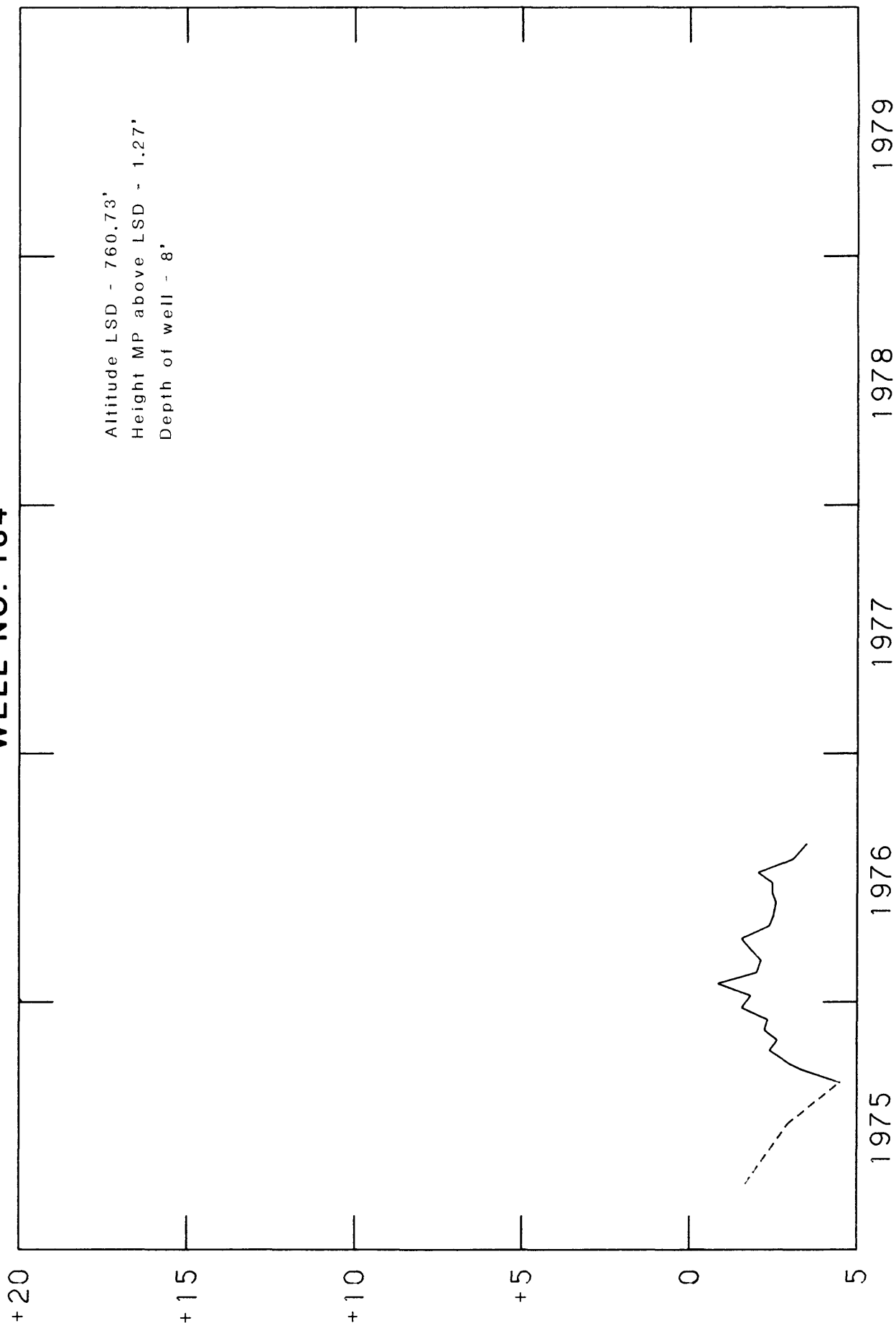
1978

1979

WELL NO. 133

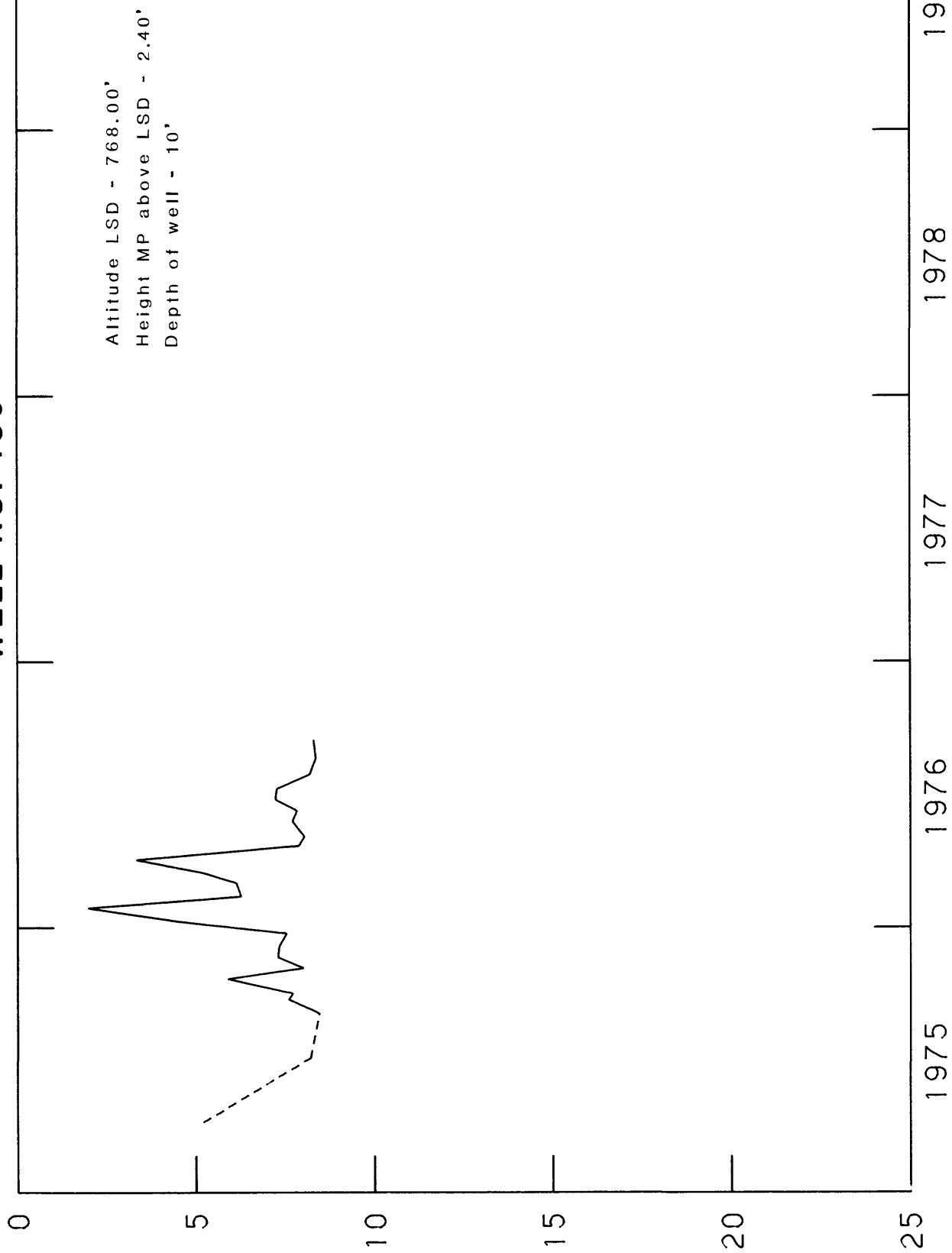


WELL NO. 134



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 136

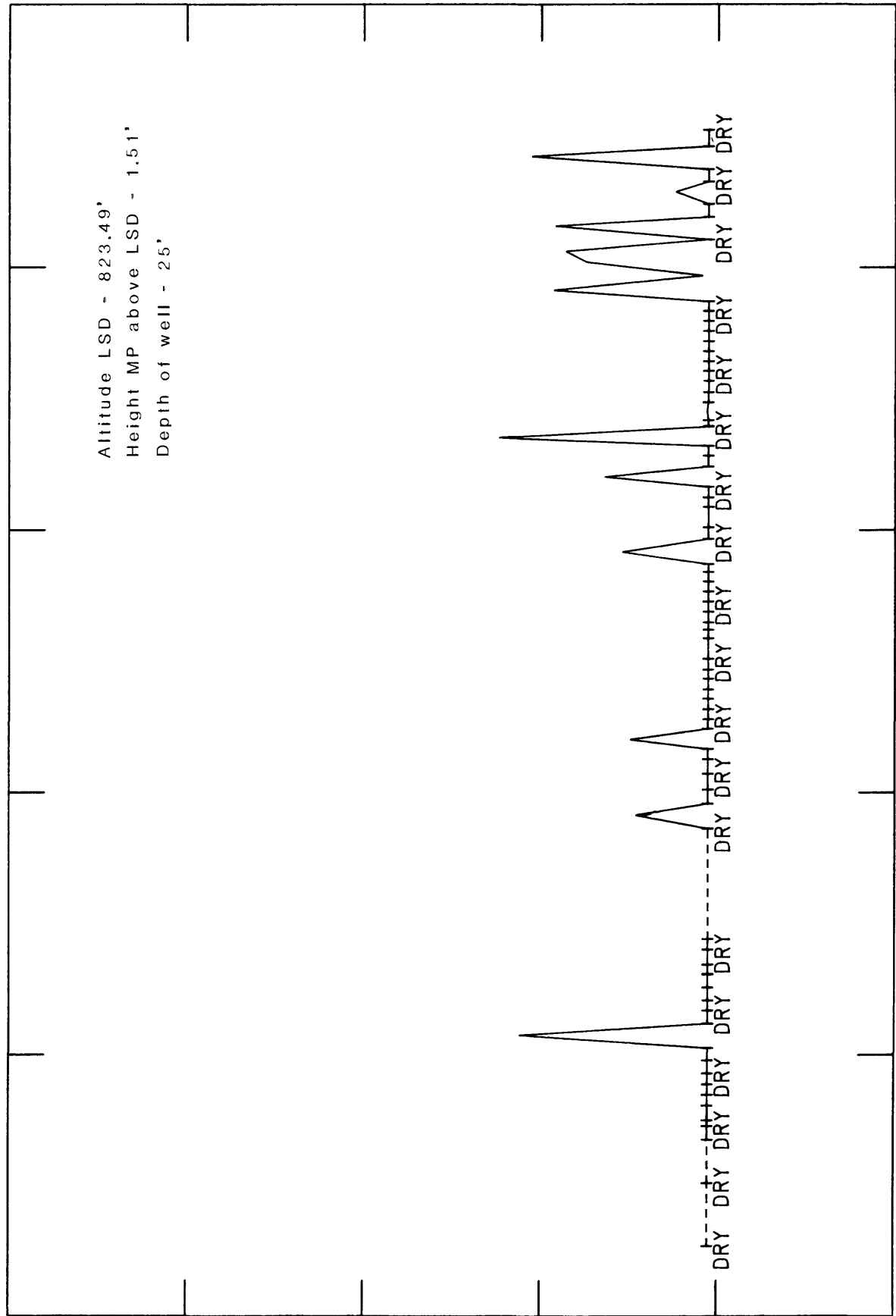


WELL NO. 143

DEPTH, IN FEET BELOW LAND SURFACE

5
10
15
20
25
30

Altitude LSD - 823.49'
Height MP above LSD - 1.51'
Depth of well - 25'



1975

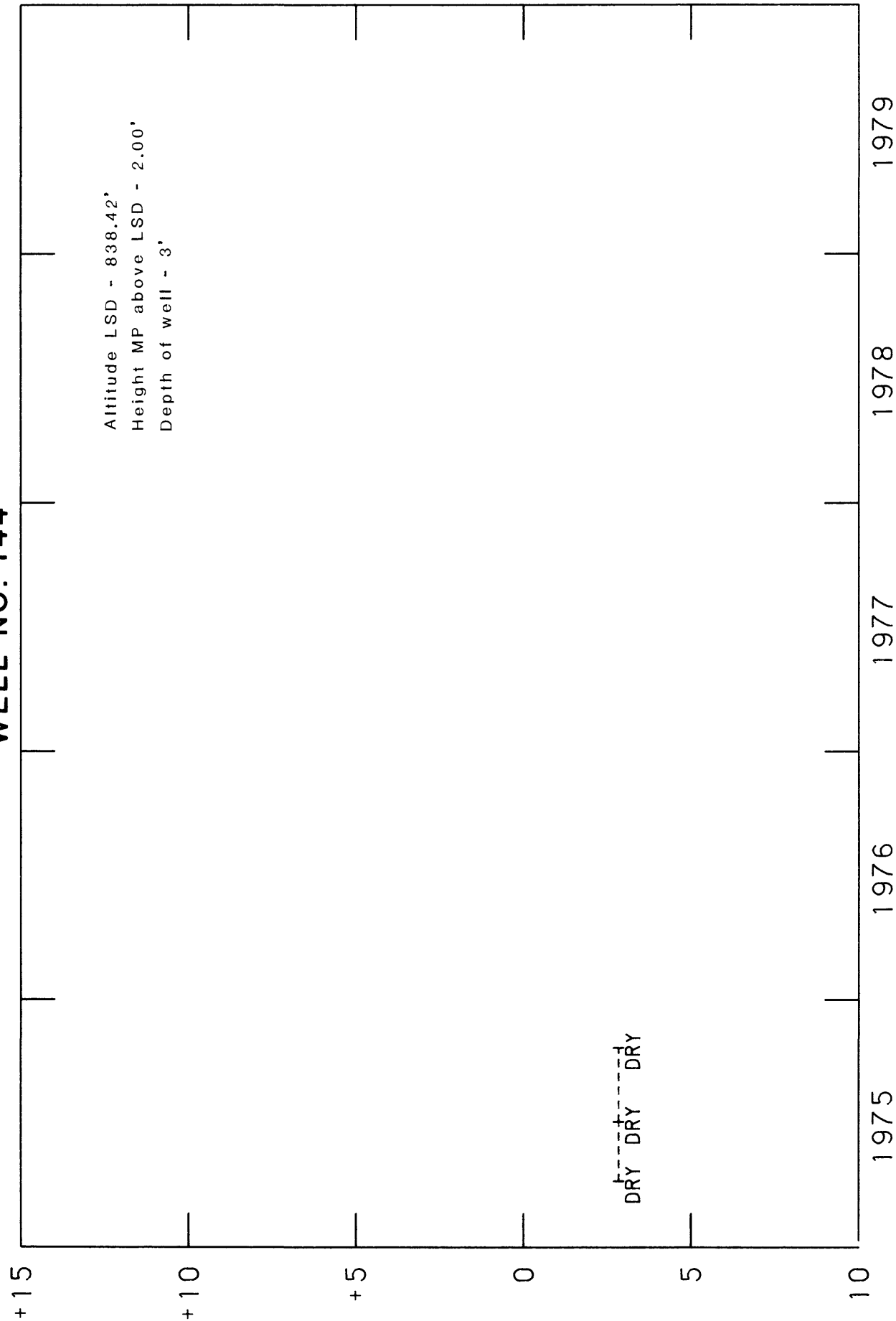
1976

1977

1978

1979

WELL NO. 144



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 145

Altitude LSD - 837.50'
 Height MP above LSD - 3.30'
 Depth of well - 11'

+10

+5

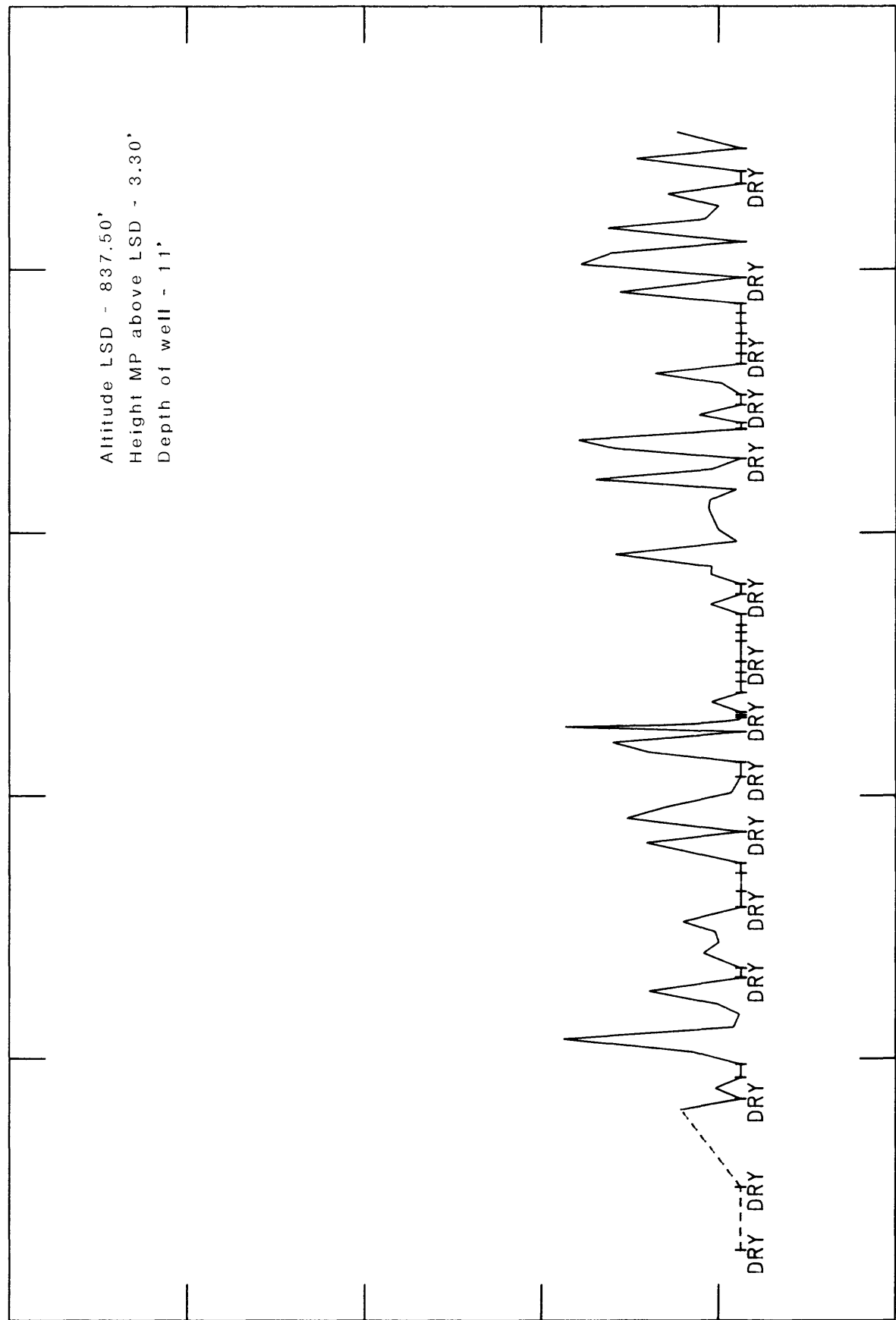
0

5

10

15

DEPTH, IN FEET BELOW LAND SURFACE



1979

1978

1977

1976

1975

WELL NO. 146

Altitude LSD - 825.40'
Height MP above LSD - 2.00'
Depth of well 17'

0 5 10 15 20 25

DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979

WELL NO. 147

+10

+5

0

5

10

15

DEPTH, IN FEET BELOW LAND SURFACE

Altitude LSD - 817.61'
Height MP above LSD - 3.29'
Depth of well - 20'

1975

1976

1977

1978

1979

WELL NO. 149

+20

DEPTH, IN FEET BELOW LAND SURFACE

Altitude LSD - 790.07'
Height MP above LSD - 2.43'
Depth of well - 4'

+15

+10

+5

0

5

1975

1976

1977

1978

1979

WELL NO. 157

DEPTH, IN FEET BELOW LAND SURFACE

+15

+10

+5

0

5

10

Altitude LSD - 778.53'
Height MP above LSD - 0.77'
Depth of well - 6'

1975

1976

1977

1978

1979

WELL NO. 159

Altitude LSD - 794.46'
Height MP above LSD - 0.84'
Depth of well - 6'

+15

+10

+5

0

5

10

DEPTH, IN FEET BELOW LAND SURFACE

1979

1978

1977

1976

1975

DRY

DRY

DRY

DRY

WELL NO. 160

Altitude LSD - 803.41'
Height MP above LSD - 1.29'
Depth of well - 9'

+15

+10

+5

0

5

10

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

1977

1978

1979

DRY

WELL NO. 161

Altitude LSD - 810.88'
Height MP above LSD - 1.02'
Depth of well - 8'

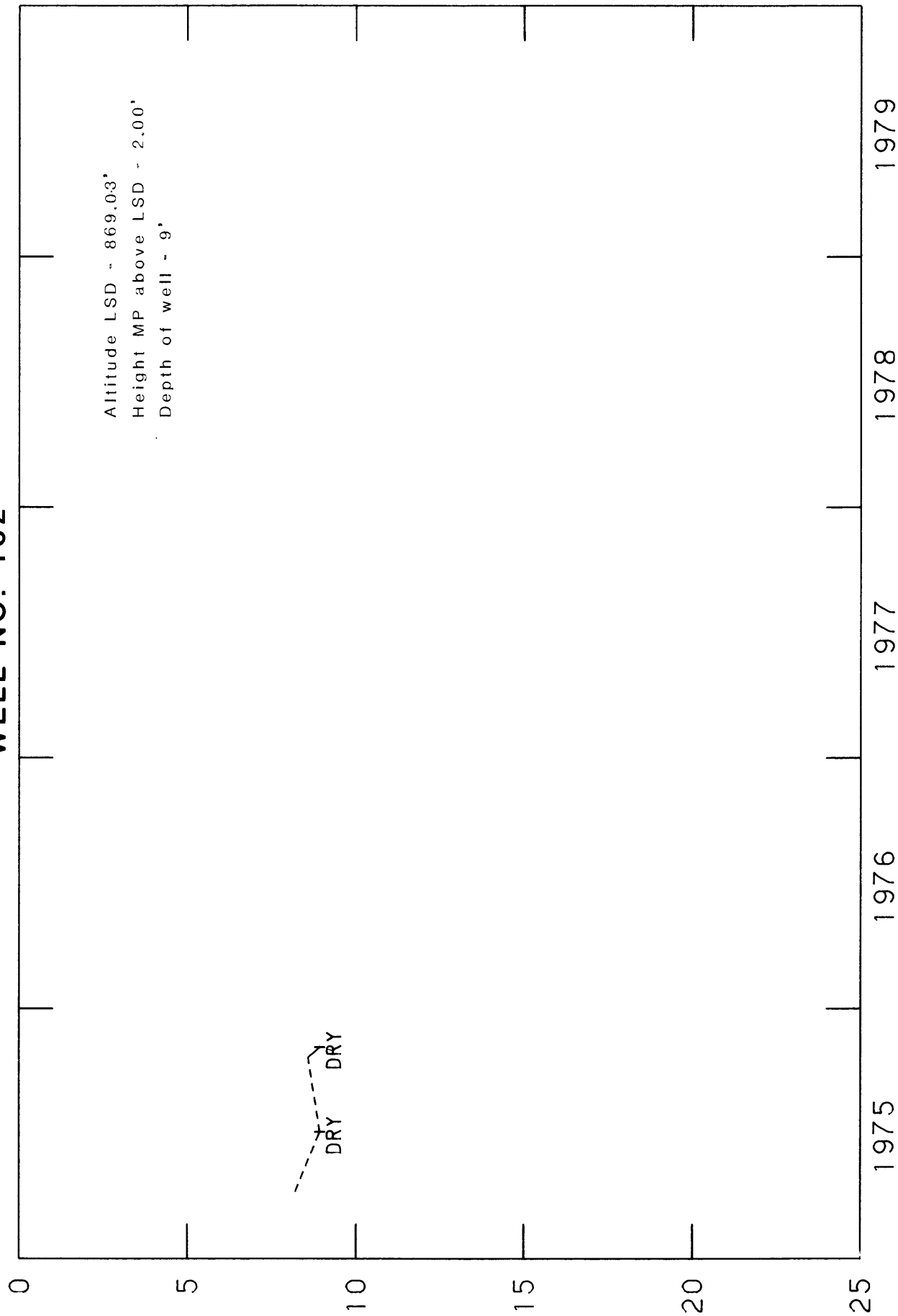
+15
+10
+5
0
5
10

DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979

WELL NO. 162

Altitude LSD - 869.03'
Height MP above LSD - 2.00'
Depth of well - 9'



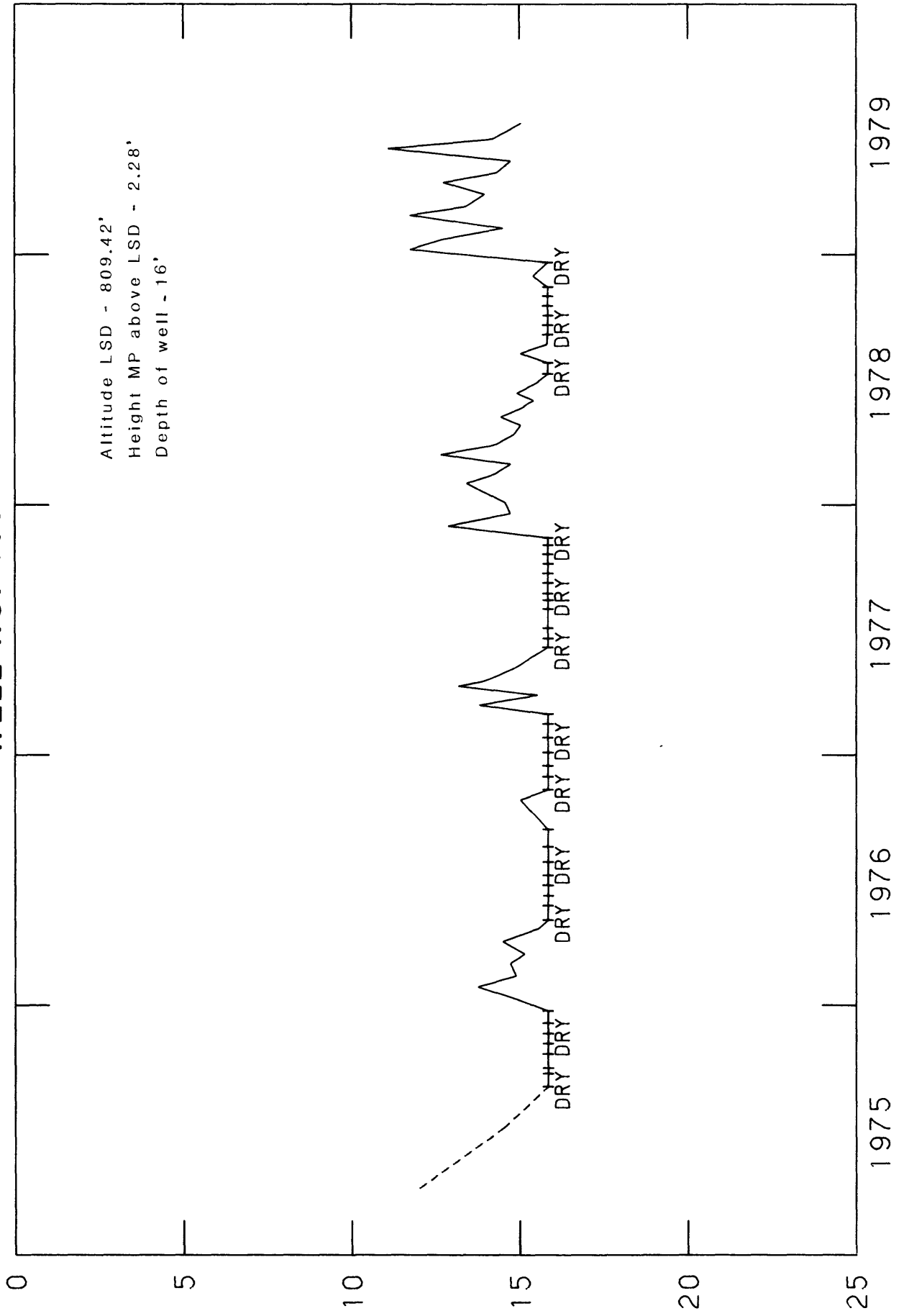


DEPT#H, IN FEET BELOW LAND SURFACE

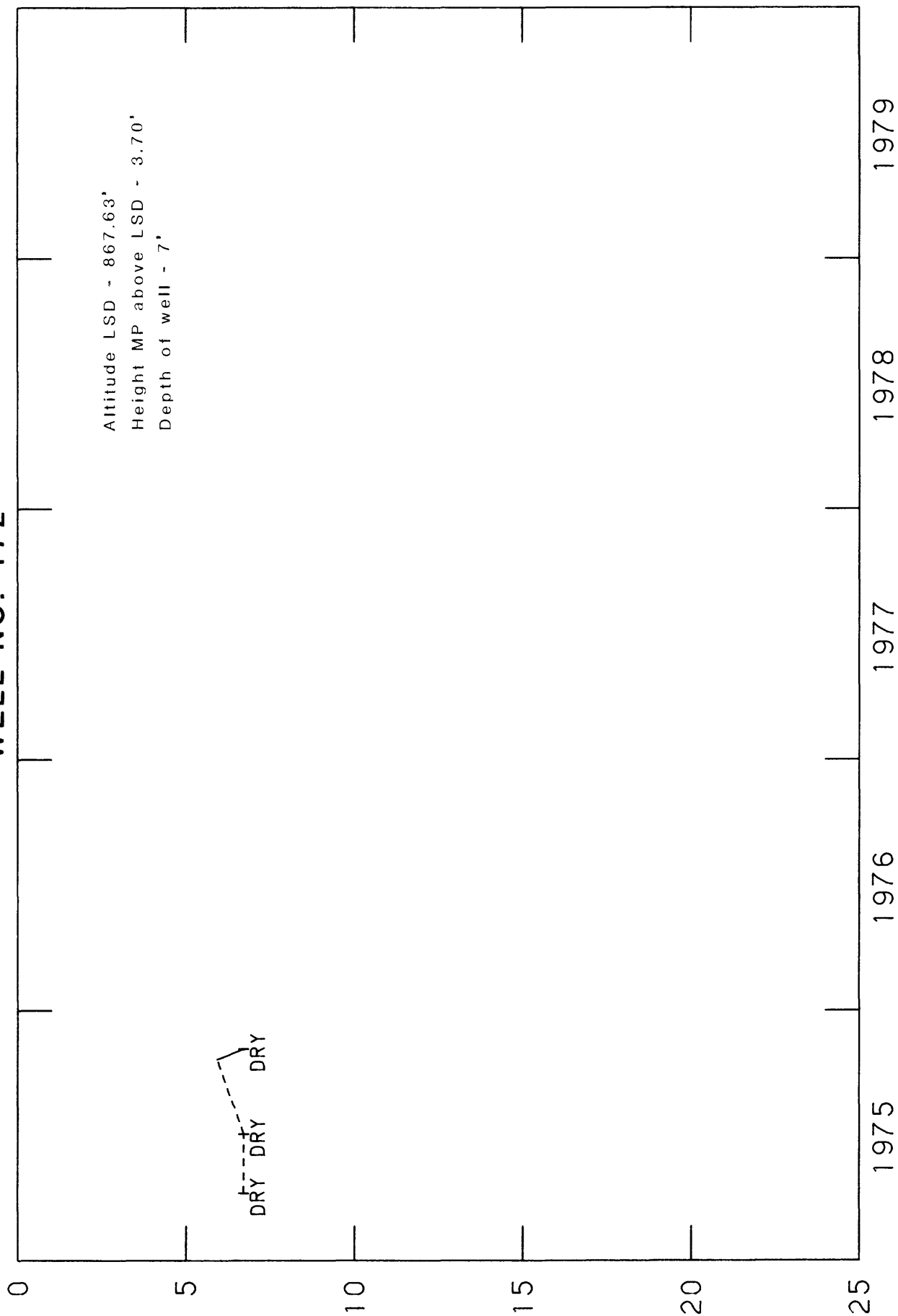


DEPTH, IN FEET BELOW LAND SURFACE

62

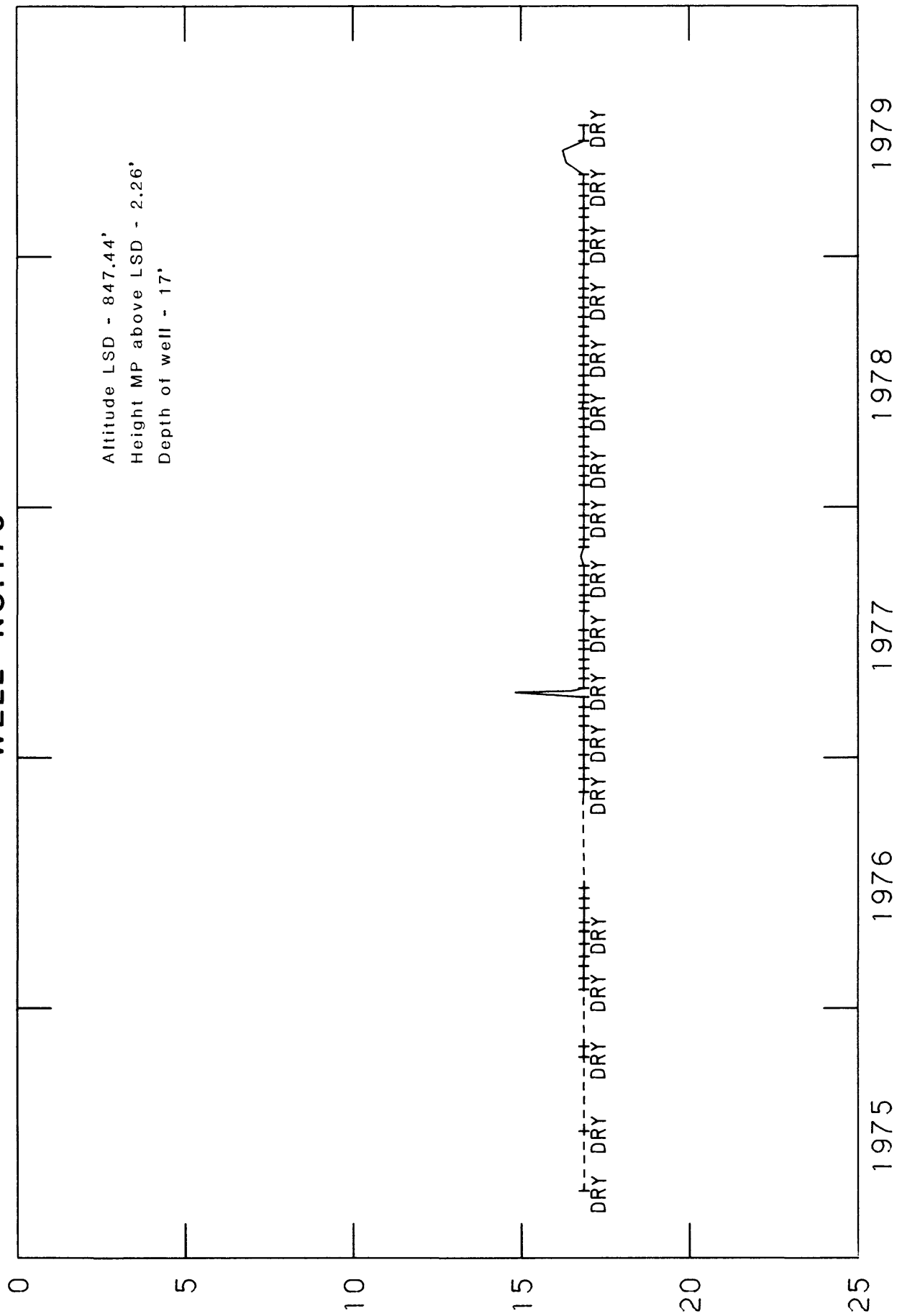


WELL NO. 172

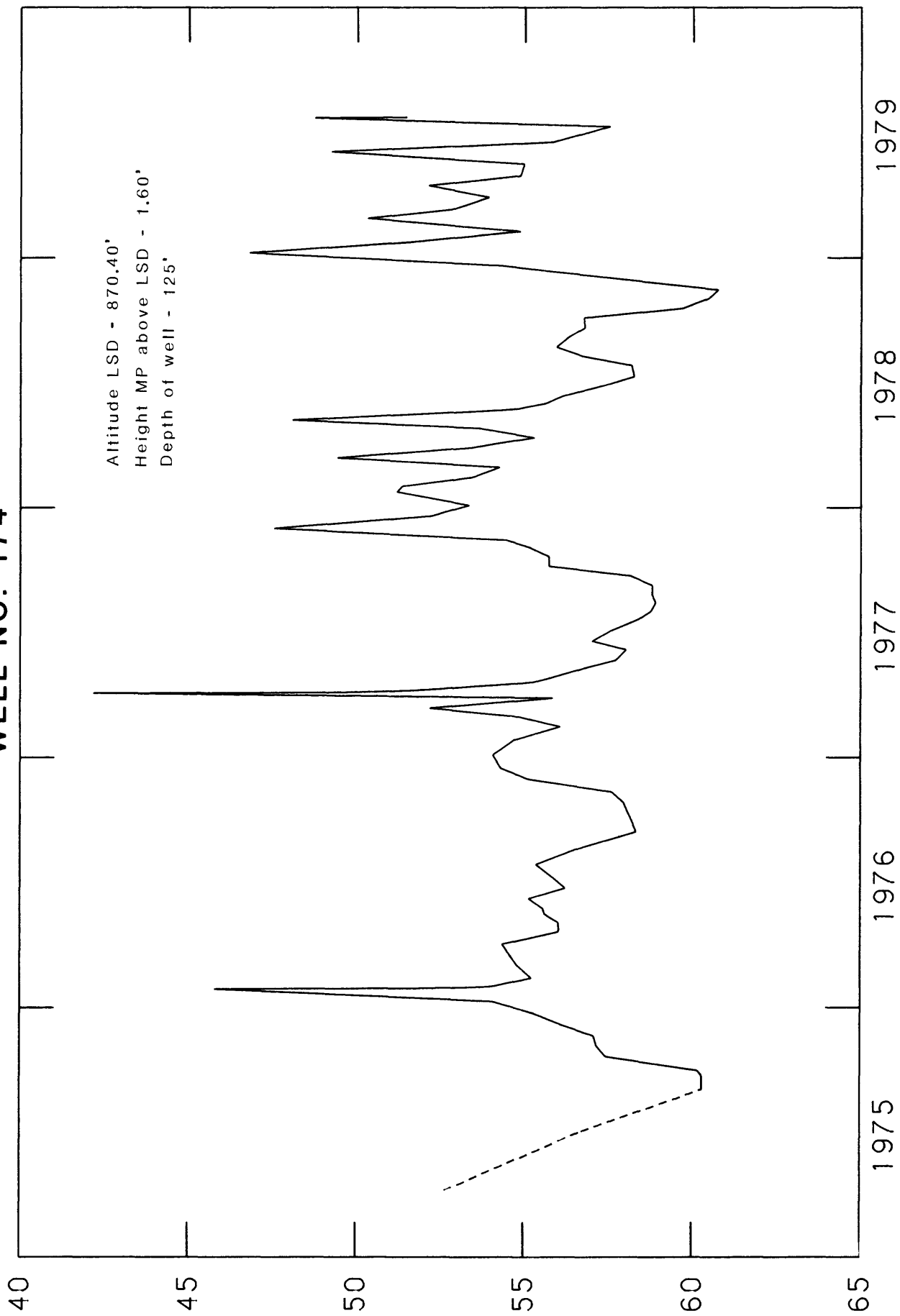


WELL NO. 173

Altitude LSD - 847.44'
Height MP above LSD - 2.26'
Depth of well - 17'



WELL NO. 174



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 175

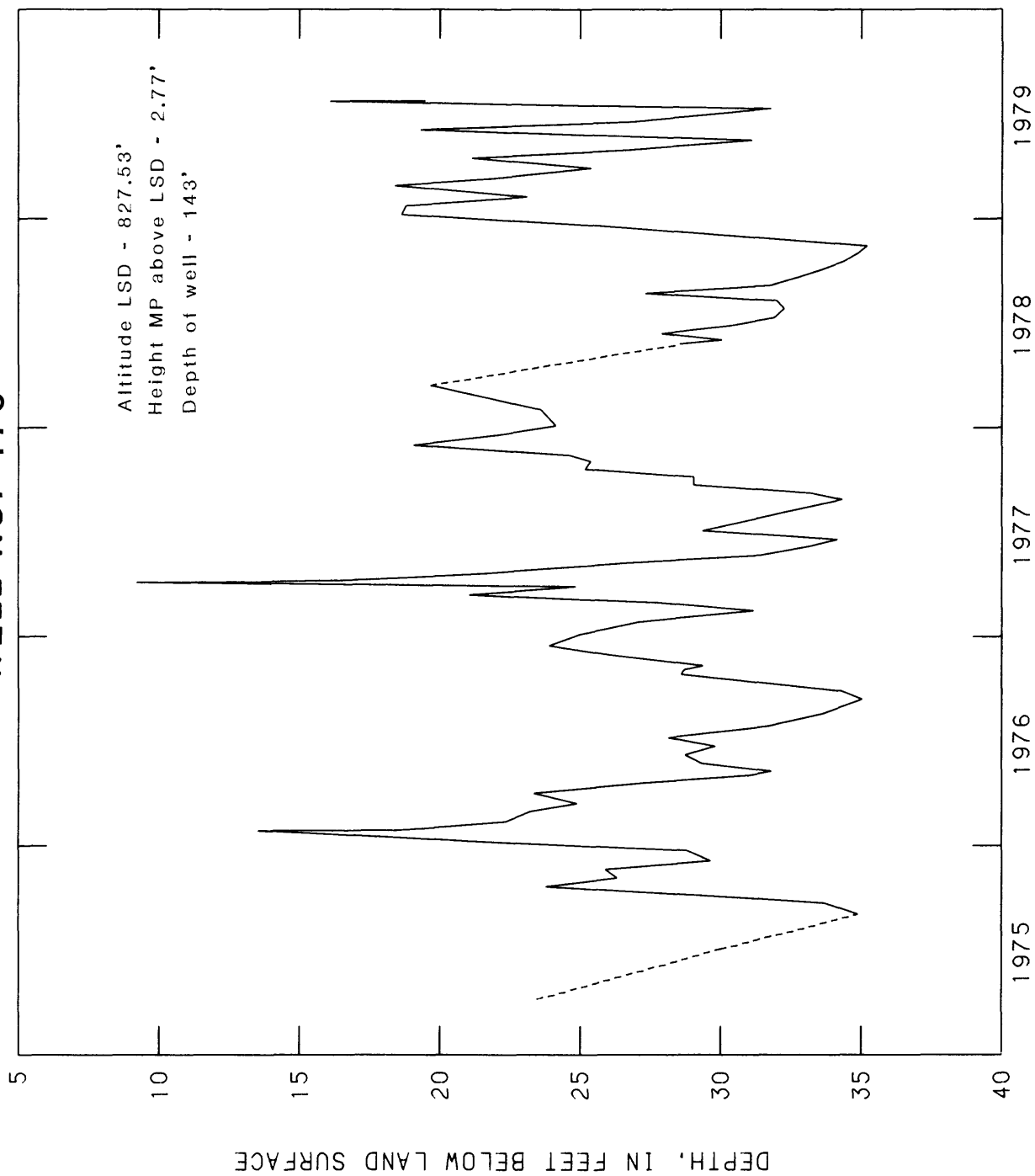
Altitude LSD - 831.50'
Height MP above LSD - 0.10'
Depth of well - 148'

5
10
15
20
25
30

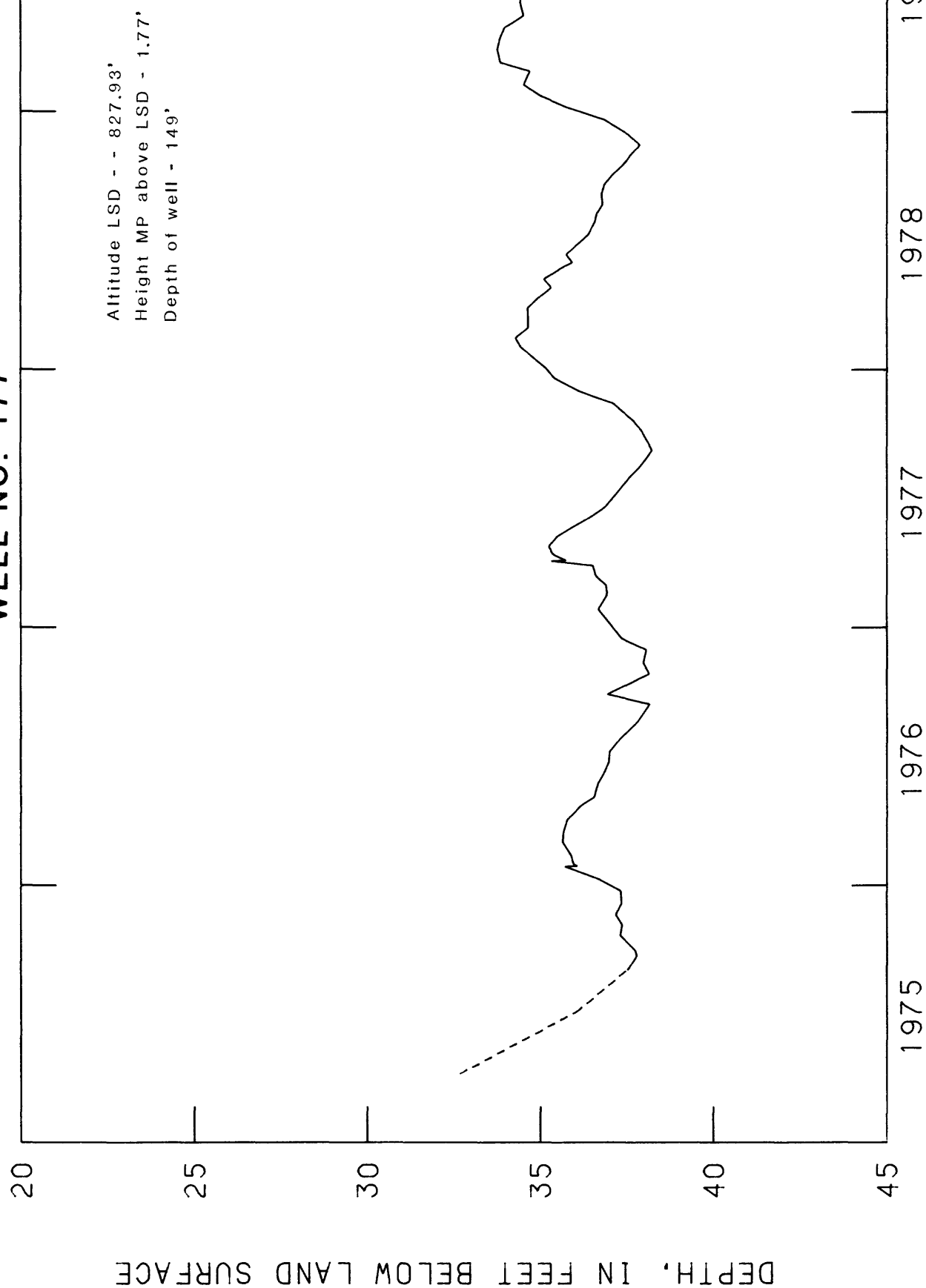
DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979

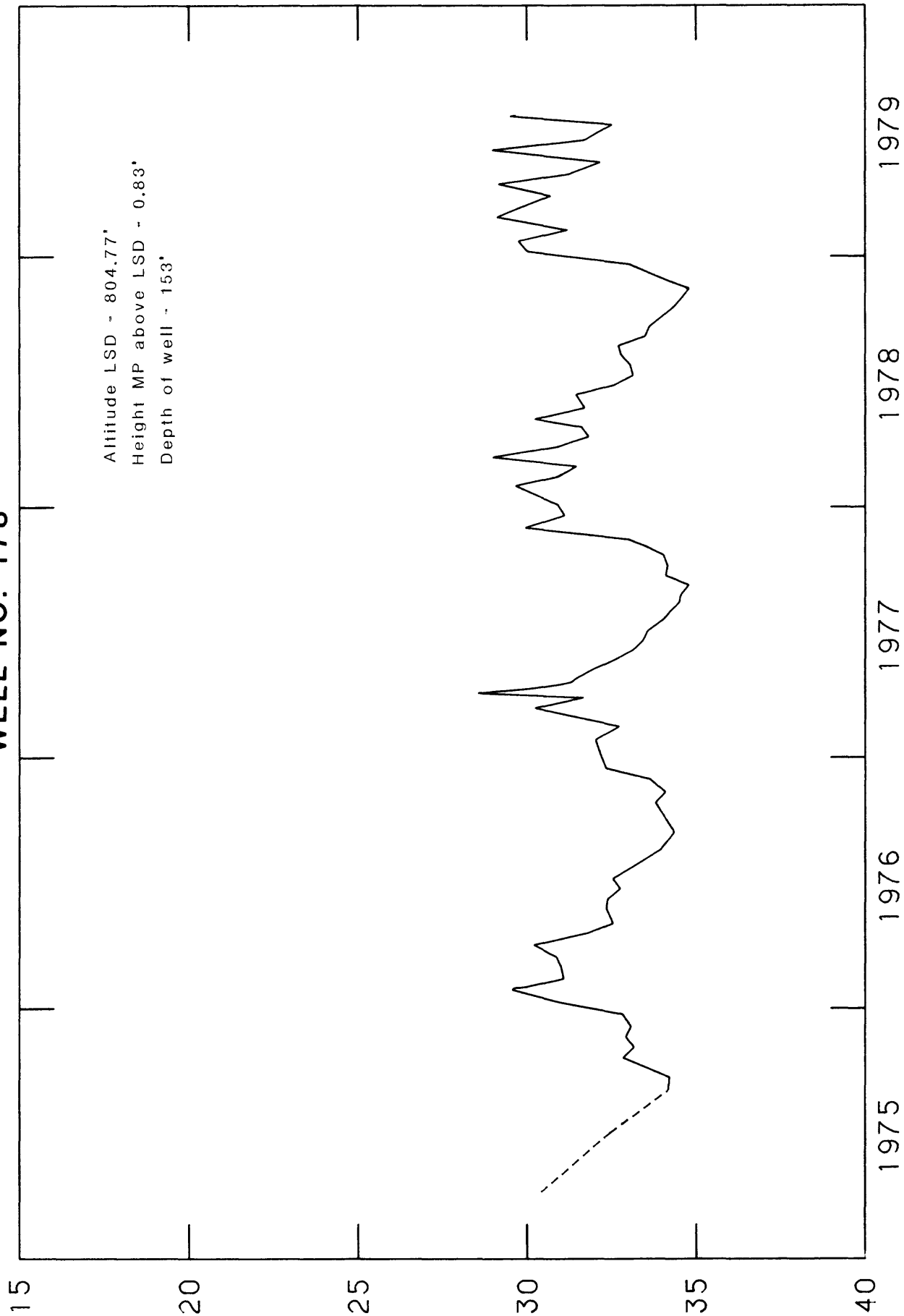
WELL NO. 176



WELL NO. 177



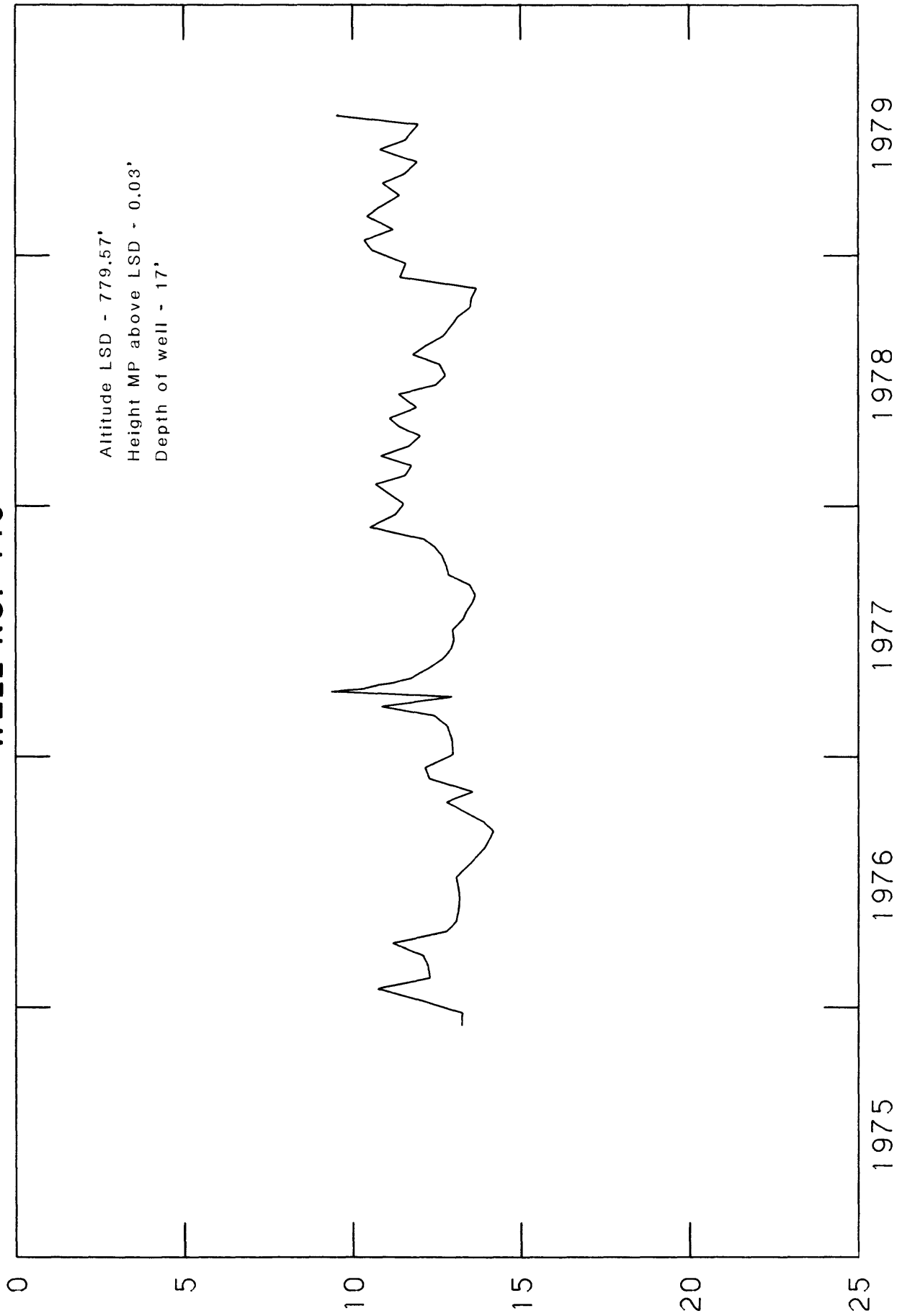
WELL NO. 178



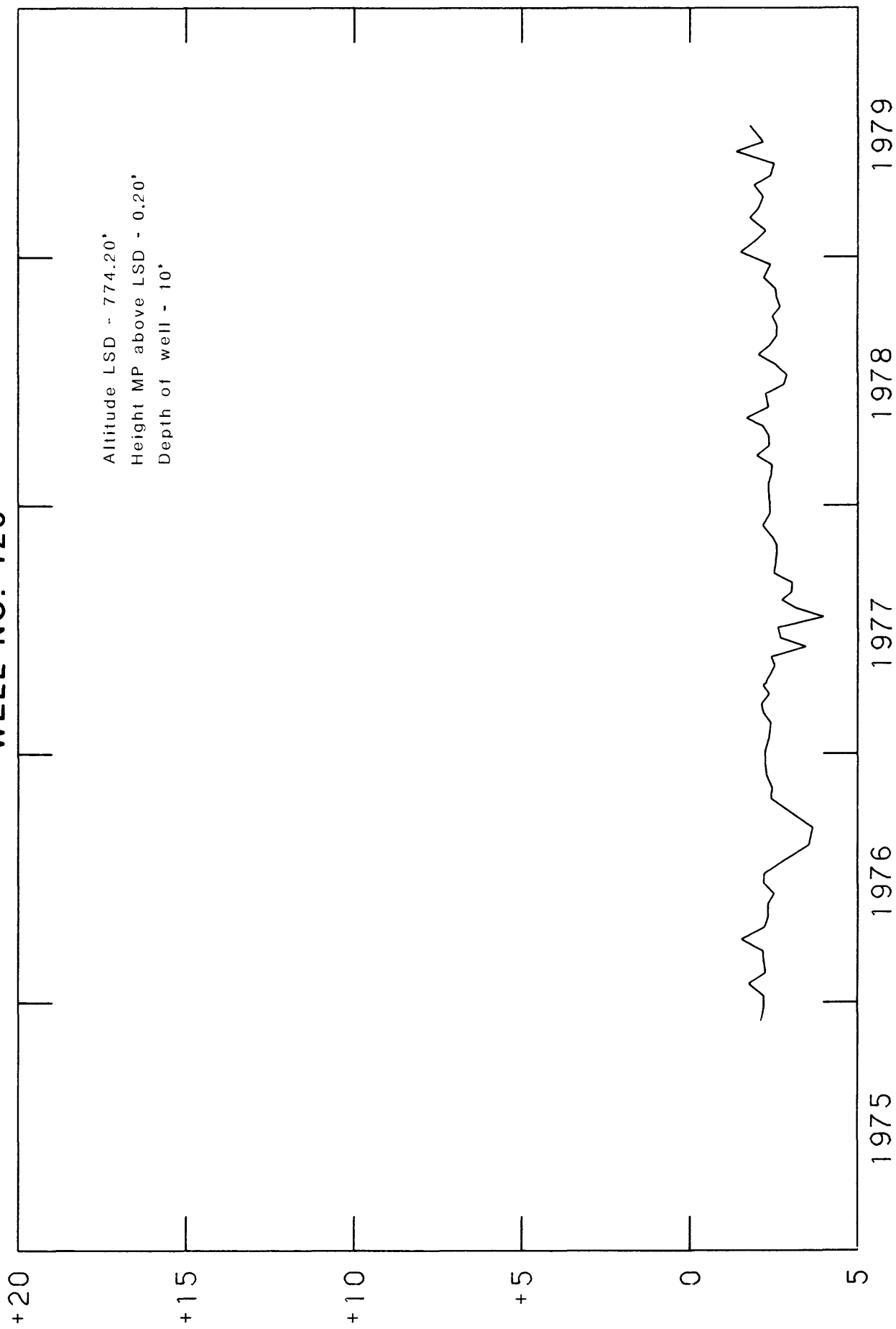
DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 419

Altitude LSD - 779.57'
Height MP above LSD - 0.03'
Depth of well - 17'



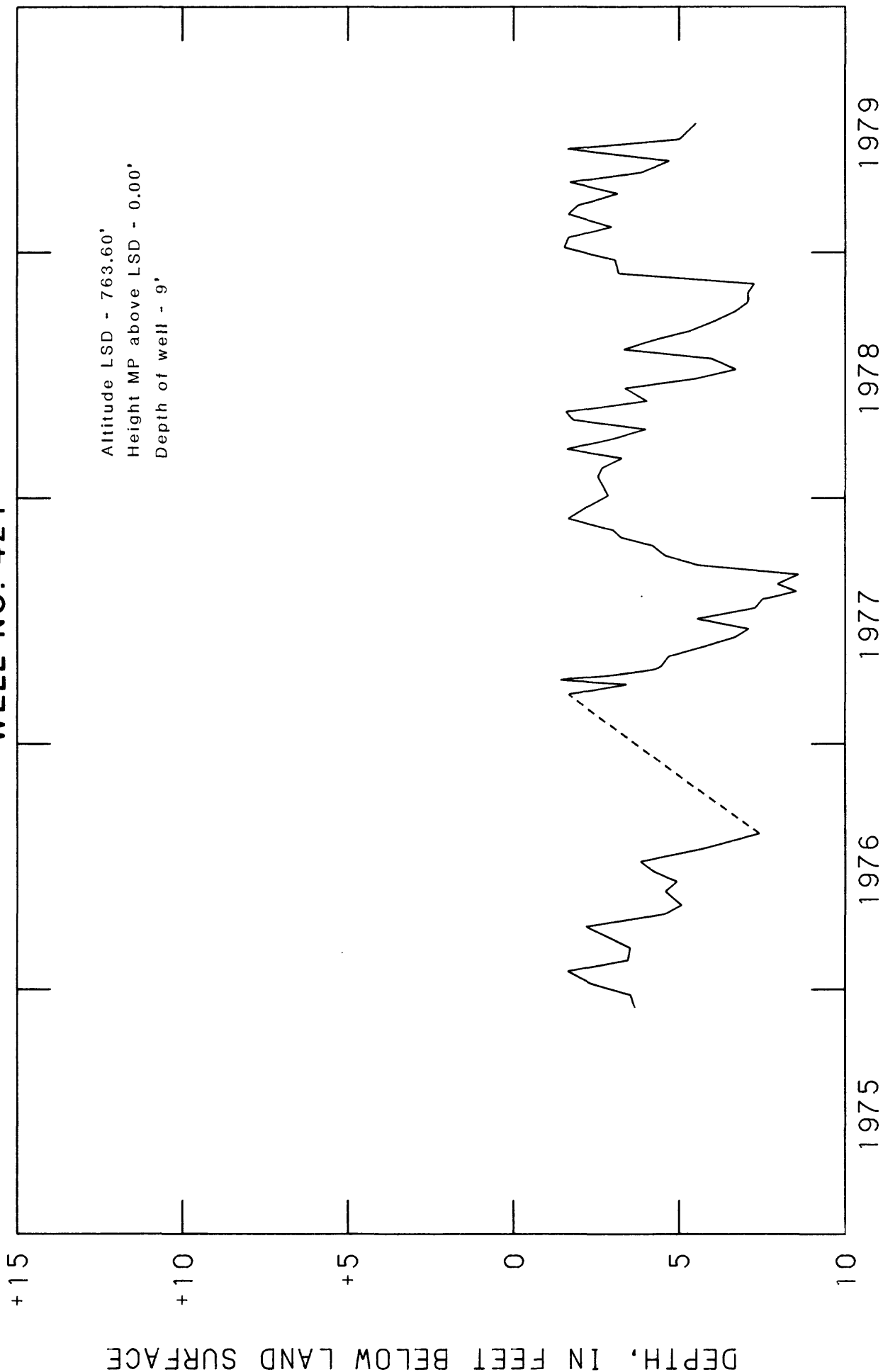
WELL NO. 420



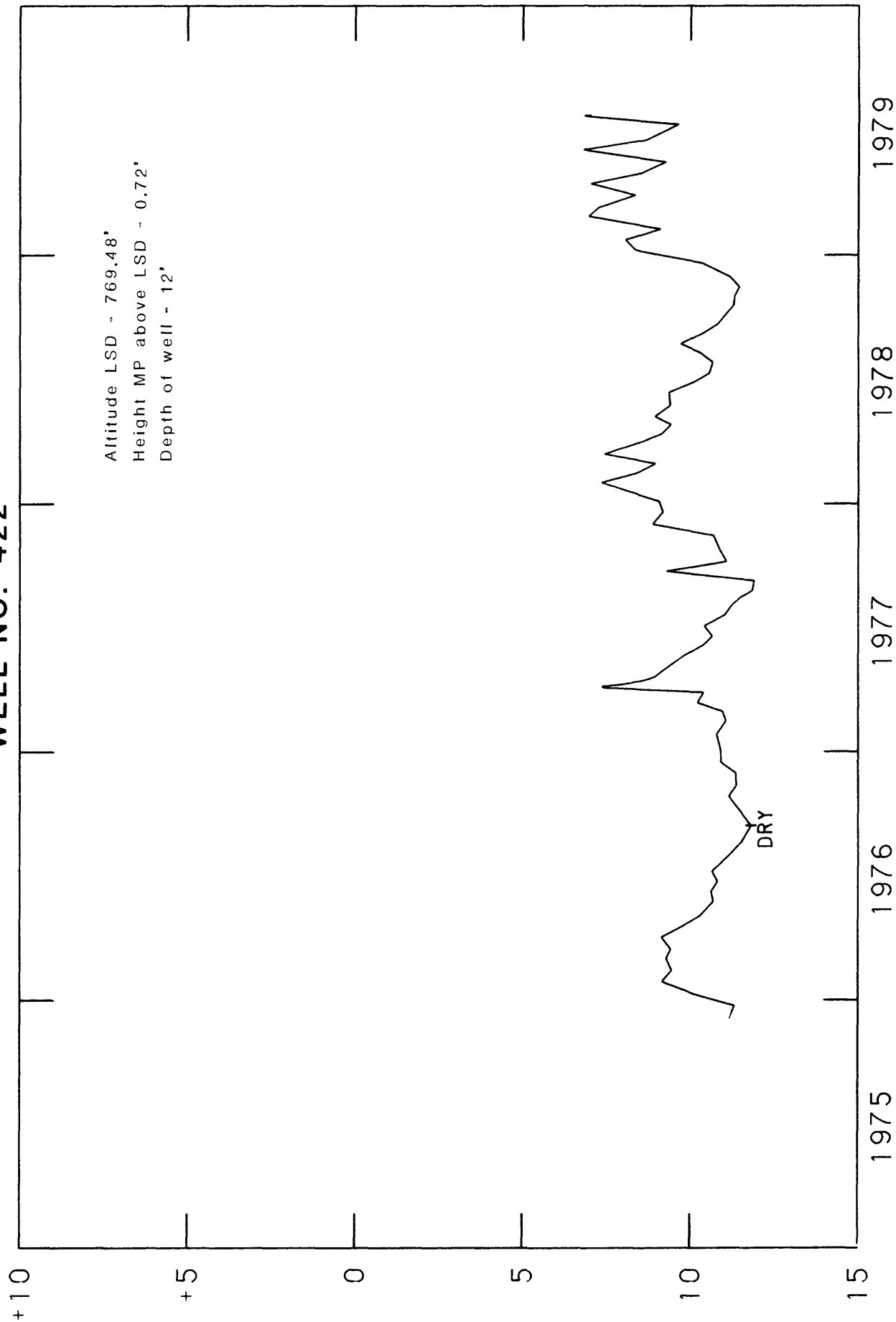
DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 421

Altitude LSD - 763.60'
Height MP above LSD - 0.00'
Depth of well - 9'

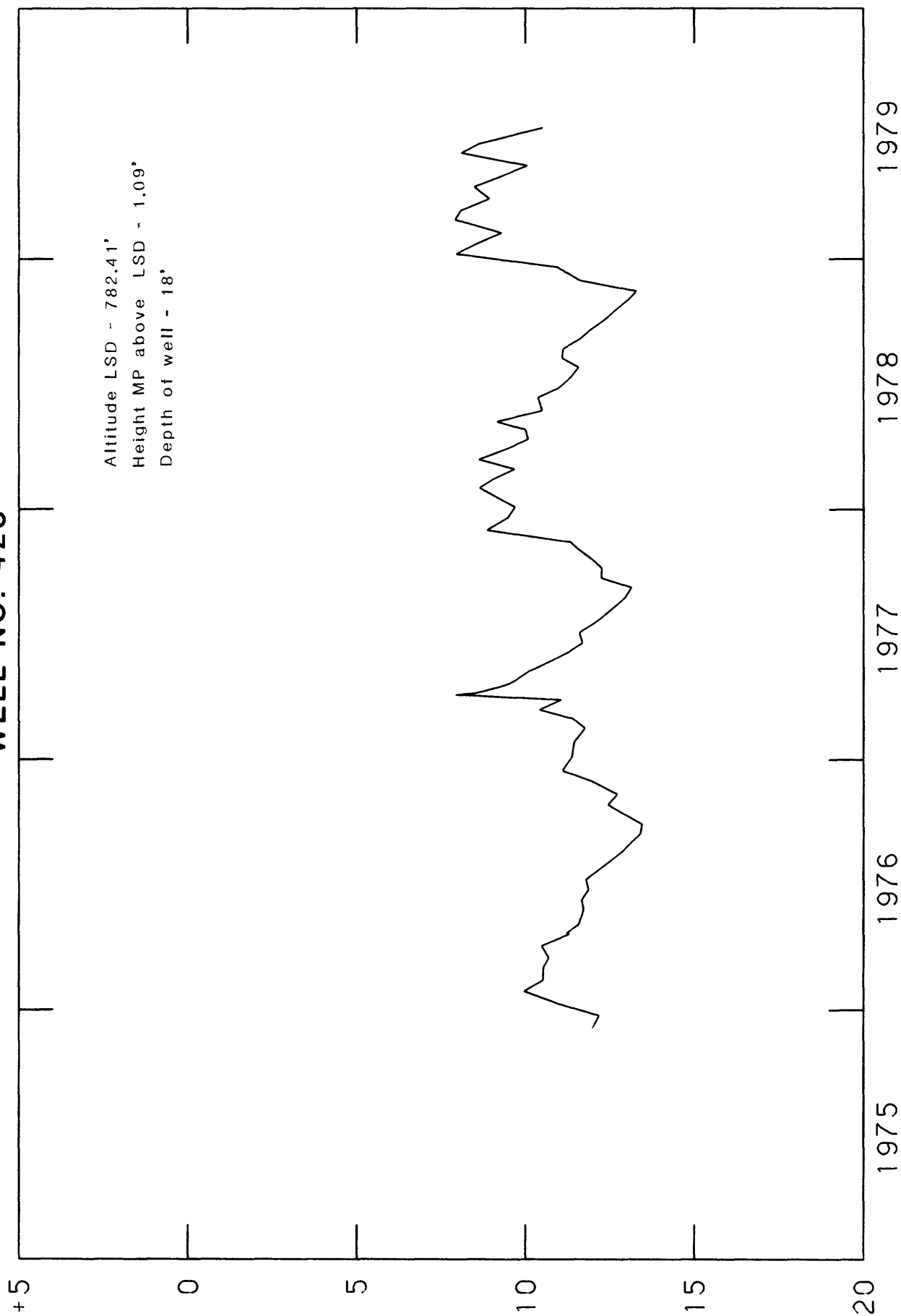


WELL NO. 422



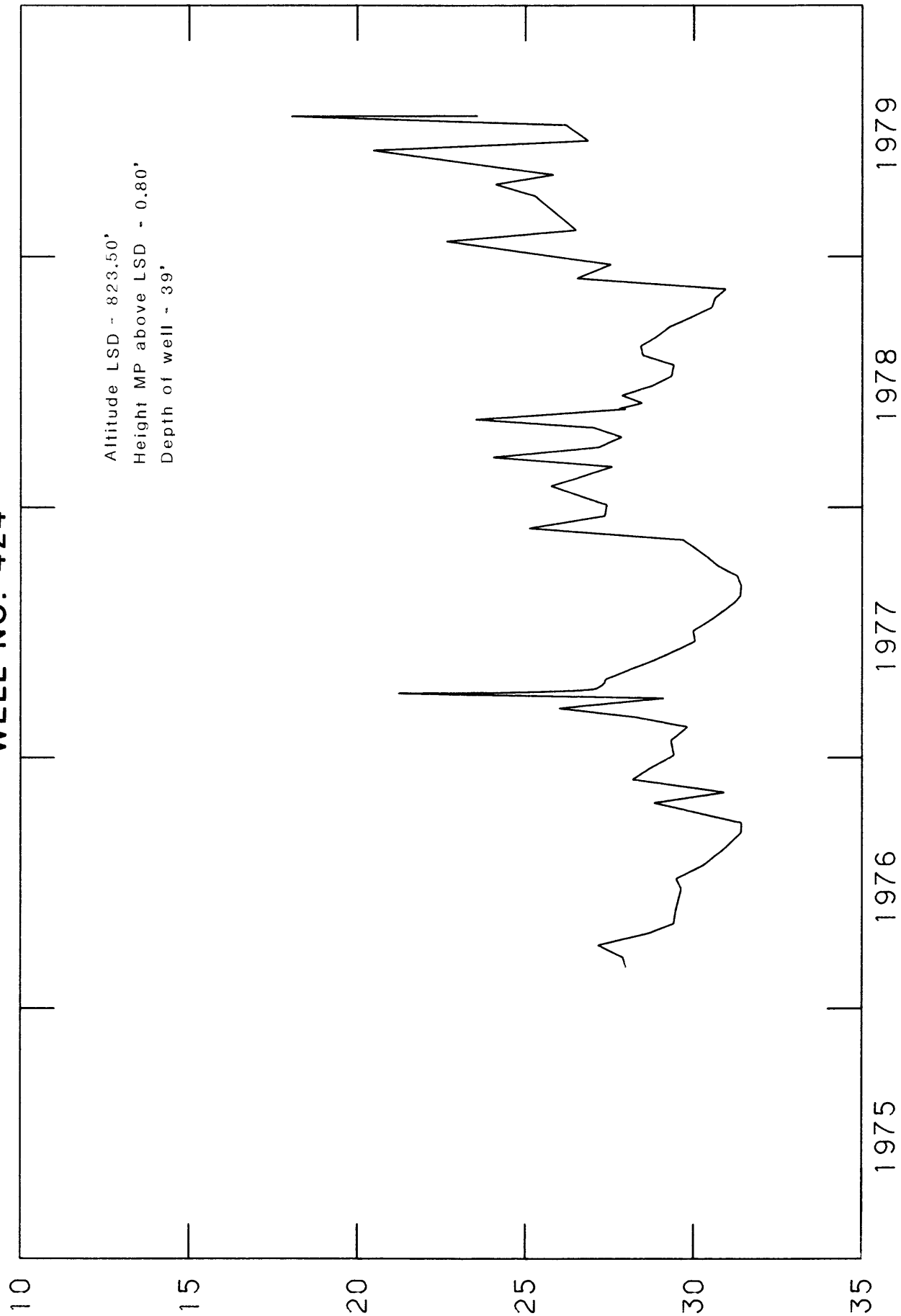
DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 423



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 424



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 425

Altitude LSD - 796.35'
Height MP above LSD - 2.25'
Depth of well - 8'

+15

+10

+5

0

5

10

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

1977

1978

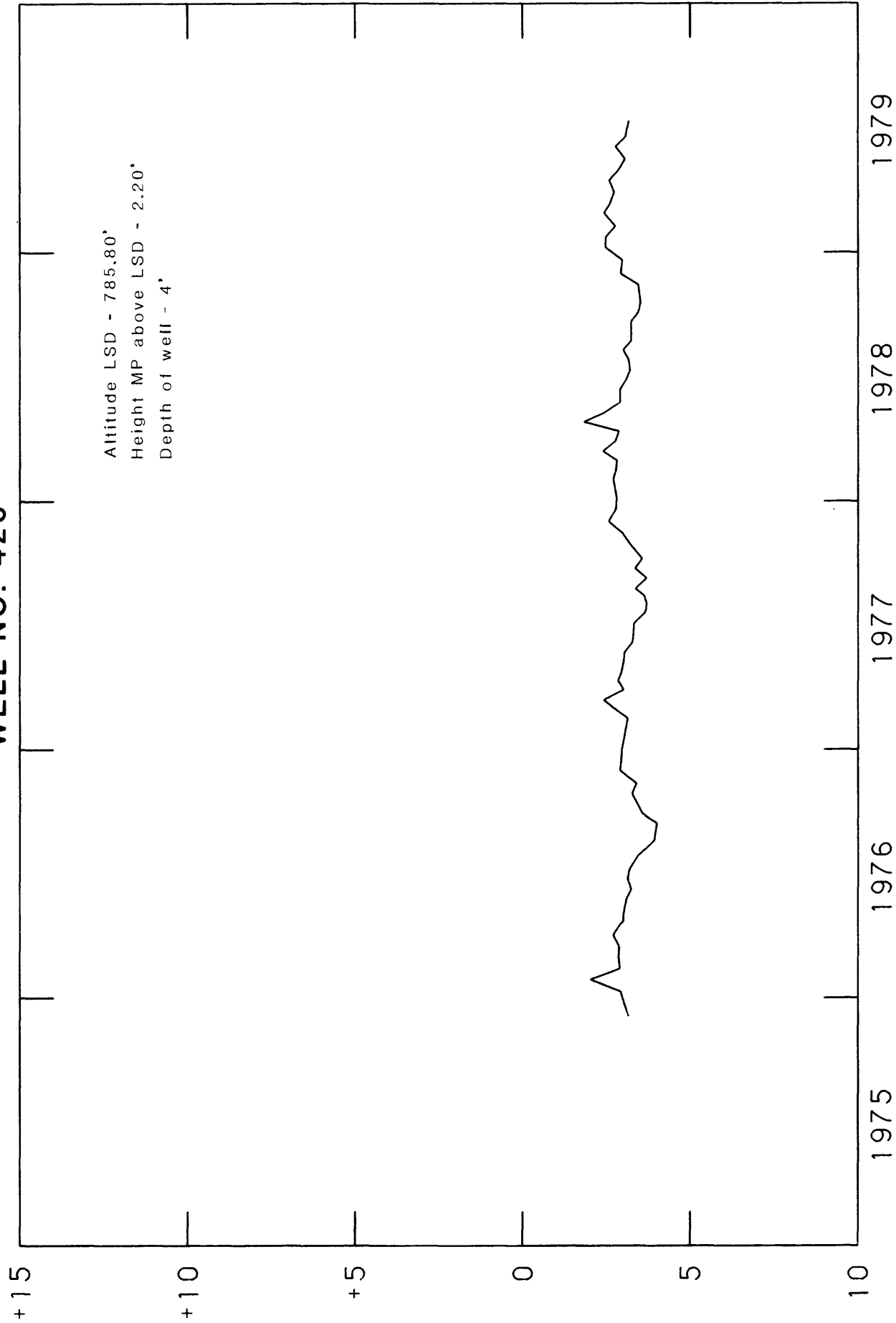
1979

DRY

DRY

DRY

WELL NO. 426



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 427

Altitude LSD - 768.27'
Height MP above LSD - 0.03'
Depth of well - 10'

+15

+10

+5

0

5

10

DEPTH, IN FEET BELOW LAND SURFACE

1975

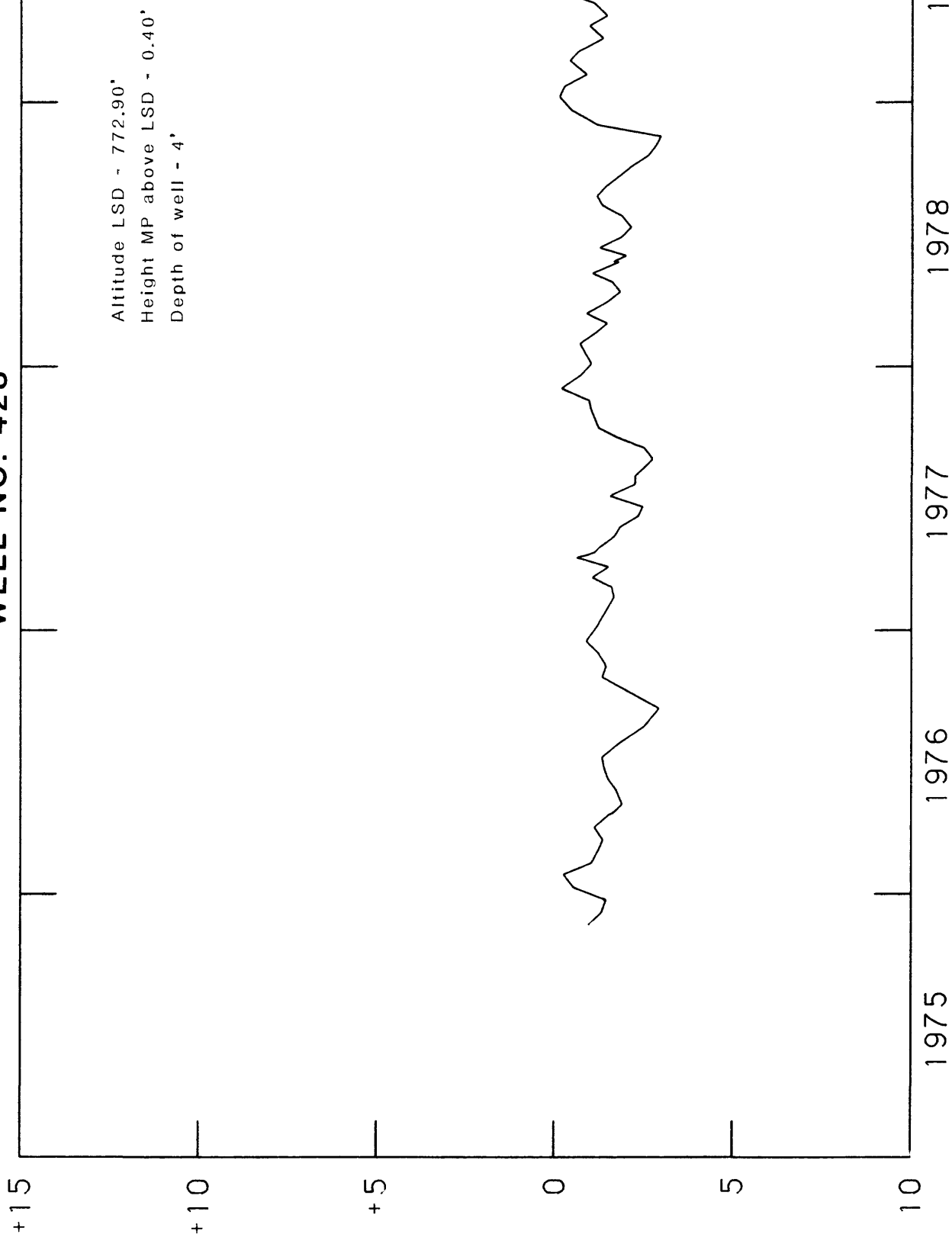
1976

1977

1978

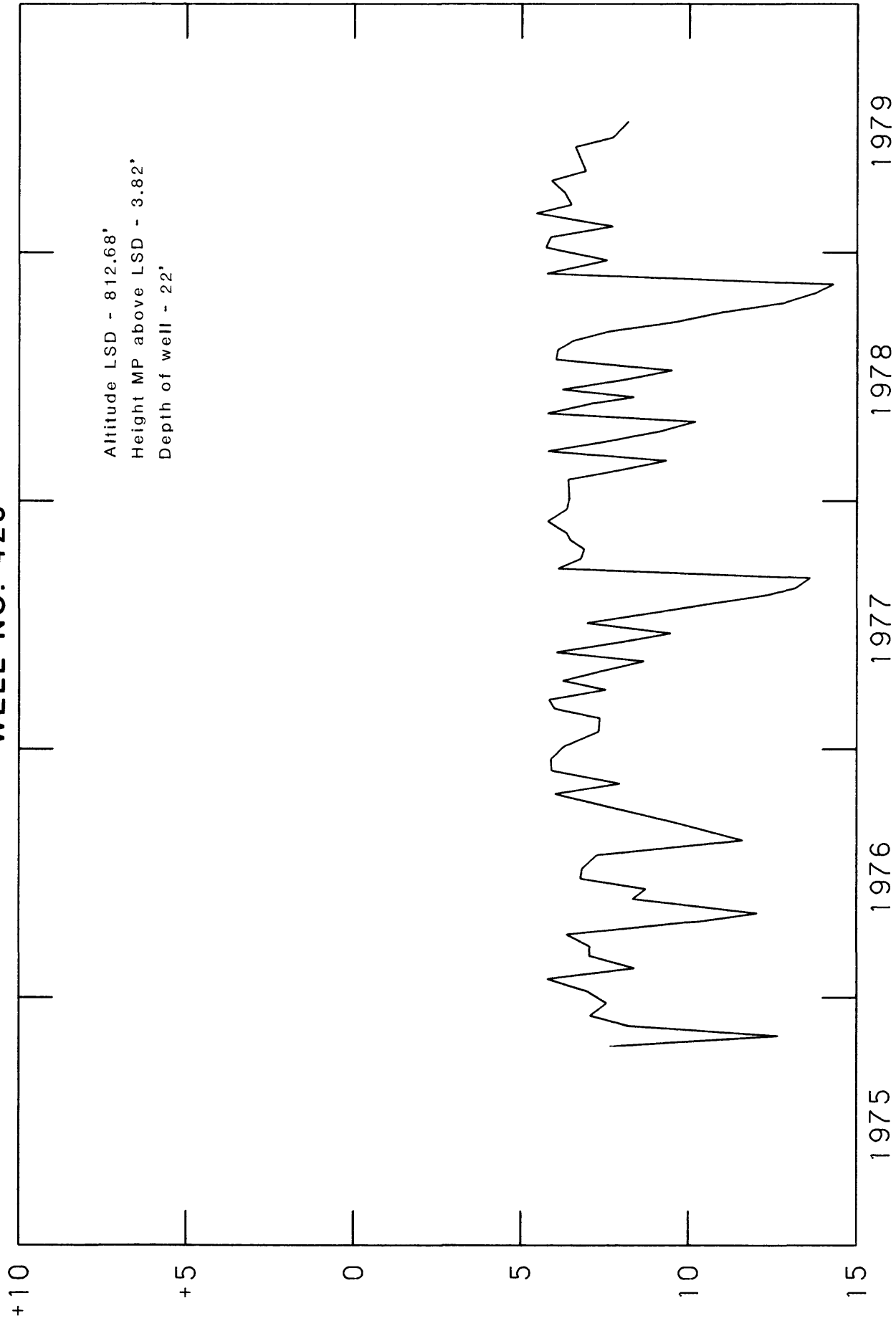
1979

WELL NO. 428



WELL NO. 429

Altitude LSD - 812.68'
Height MP above LSD - 3.82'
Depth of well - 22'



WELL NO. 430

Altitude LSD - 824.75'
Height MP above LSD - 3.15'
Depth of well - 29'

DEPTH, IN FEET BELOW LAND SURFACE

0
5
10
15
20
25

1975

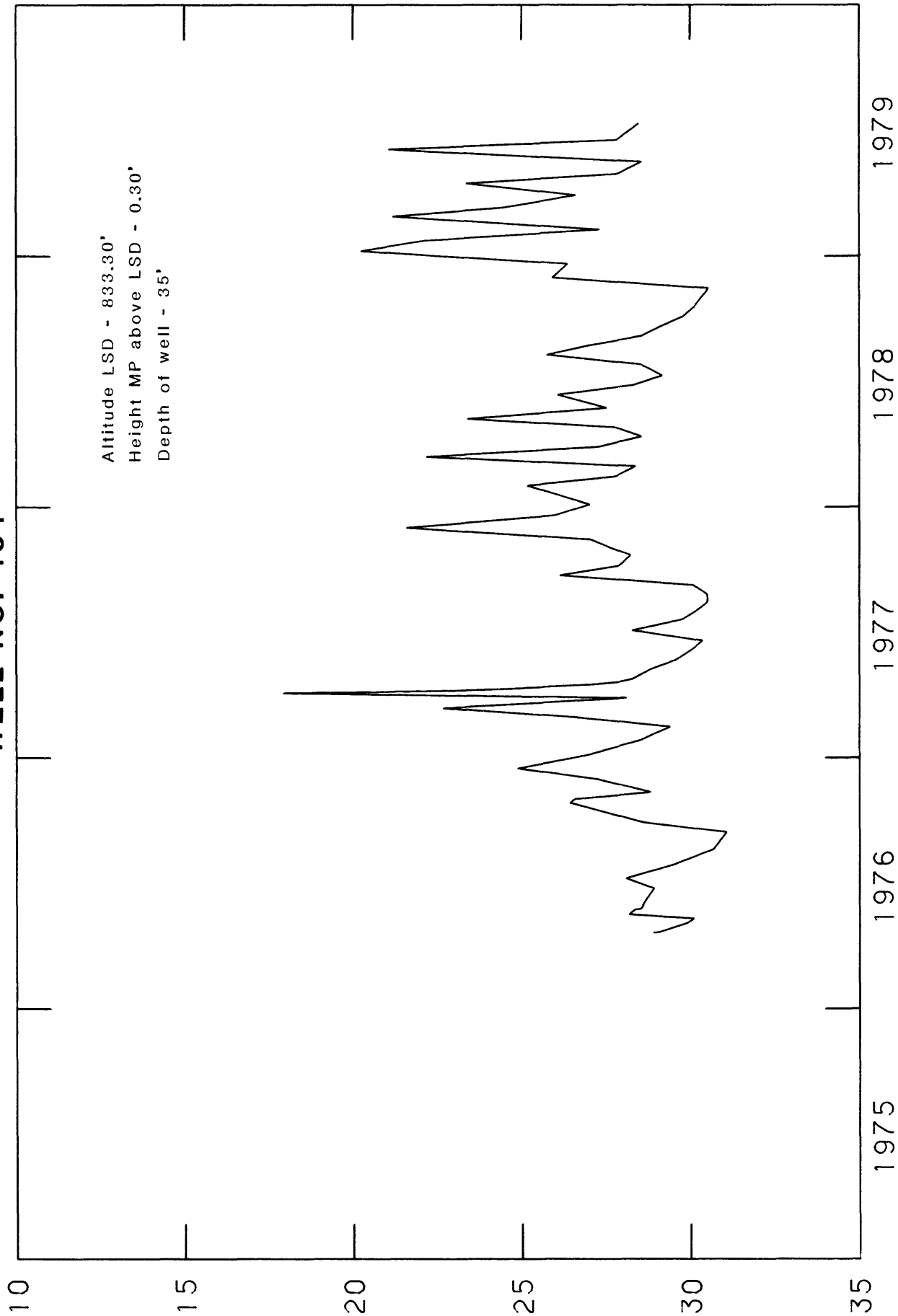
1976

1977

1978

1979

WELL NO. 431



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 432

Altitude LSD - 808.92'
Height MP above LSD - 2.78'
Depth of well - 27'

5 10 15 20 25 30

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

1977

1978

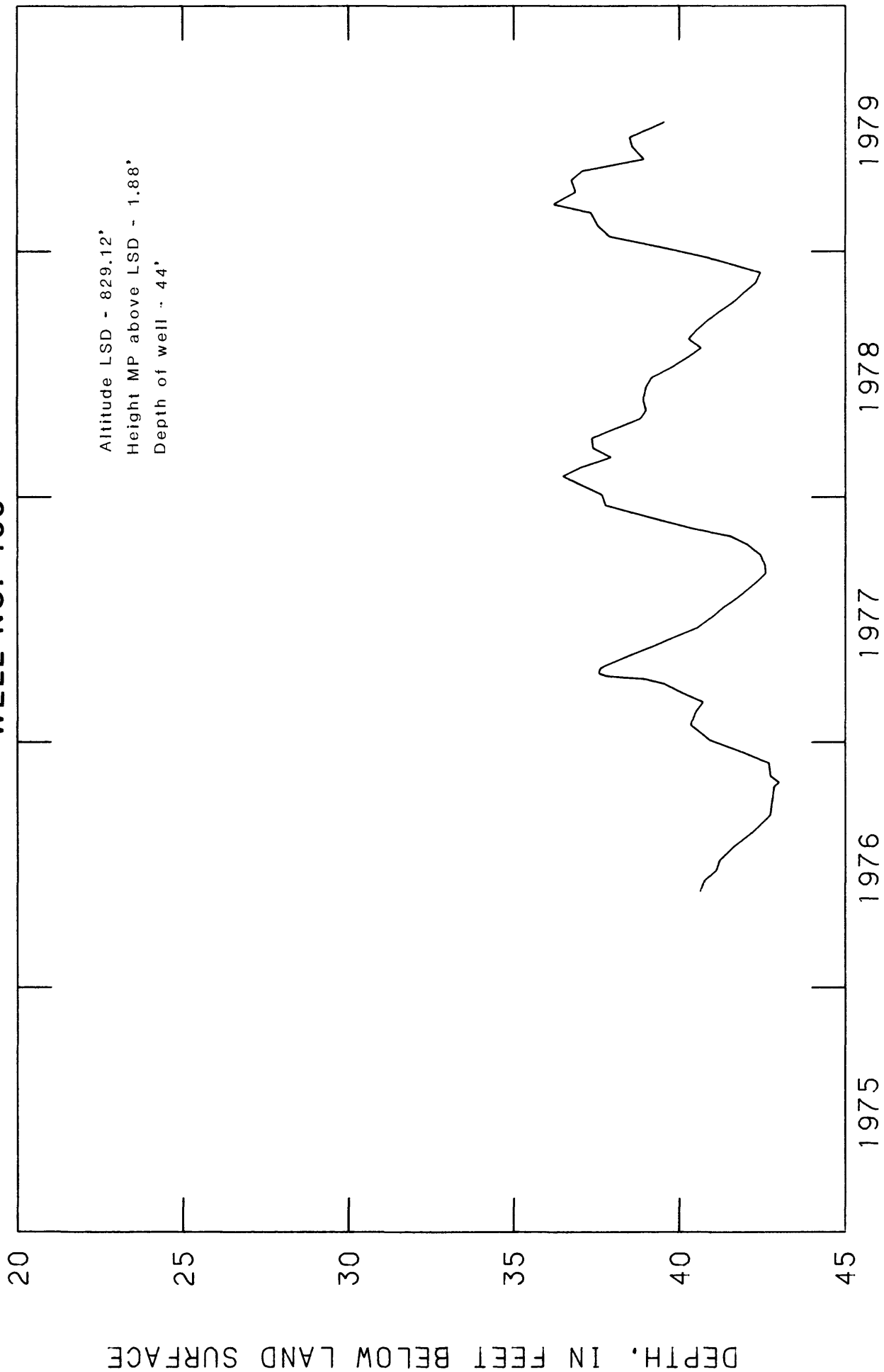
1979

DRY DRY

DRY

DRY

WELL NO. 433



WELL NO. 434

Altitude LSD - 816.13'
Height MP above LSD - 2.97'
Depth of well - 32'

5 10 15 20 25 30

DEPTH, IN FEET BELOW LAND SURFACE

1979

1978

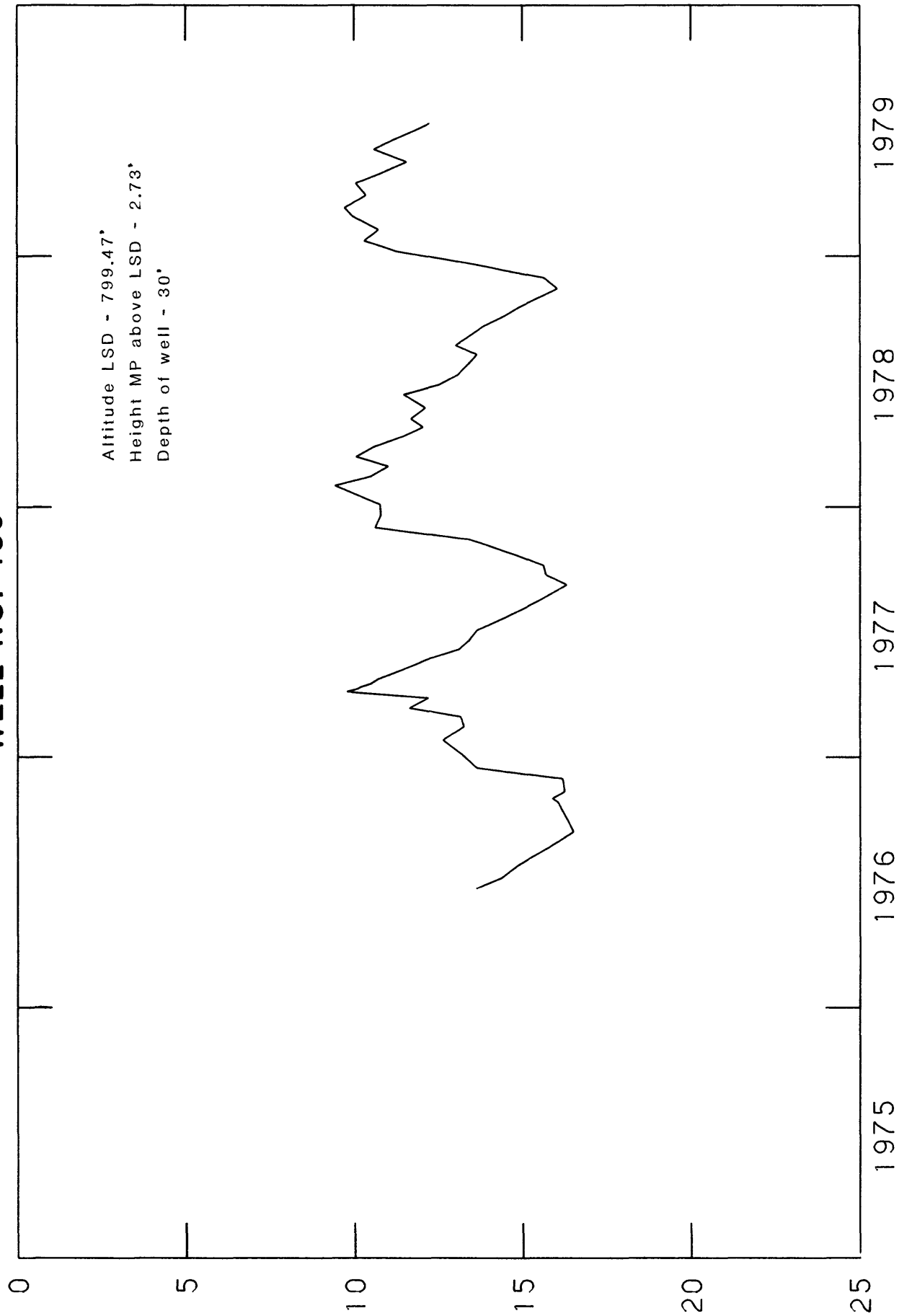
1977

1976

1975

WELL NO. 435

Altitude LSD - 799.47'
Height MP above LSD - 2.73'
Depth of well - 30'



WELL NO. 436

Altitude LSD - 785.66'
Height MP above LSD - 2.74'
Depth of well - 31'

+5

0

5

10

15

20

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

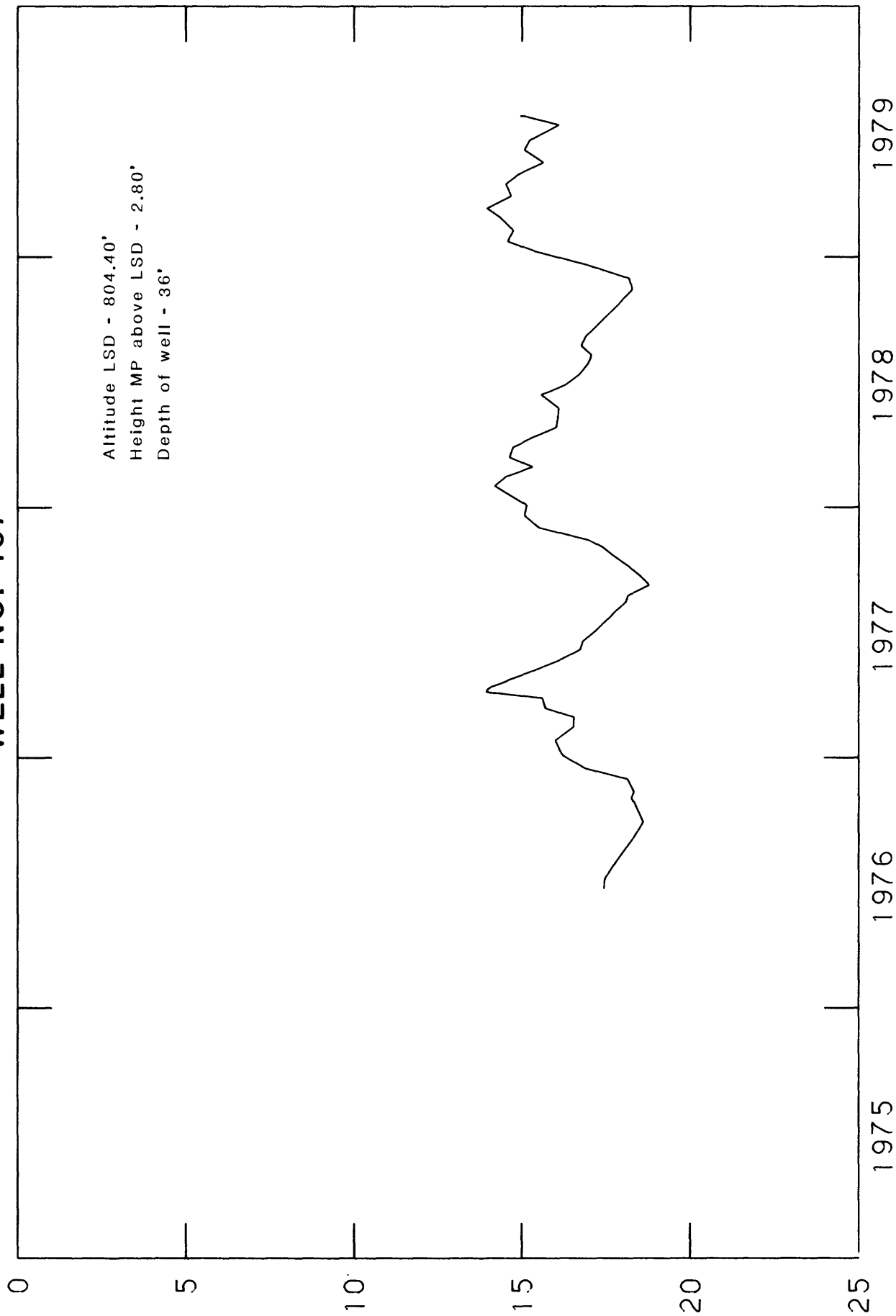
1977

1978

1979

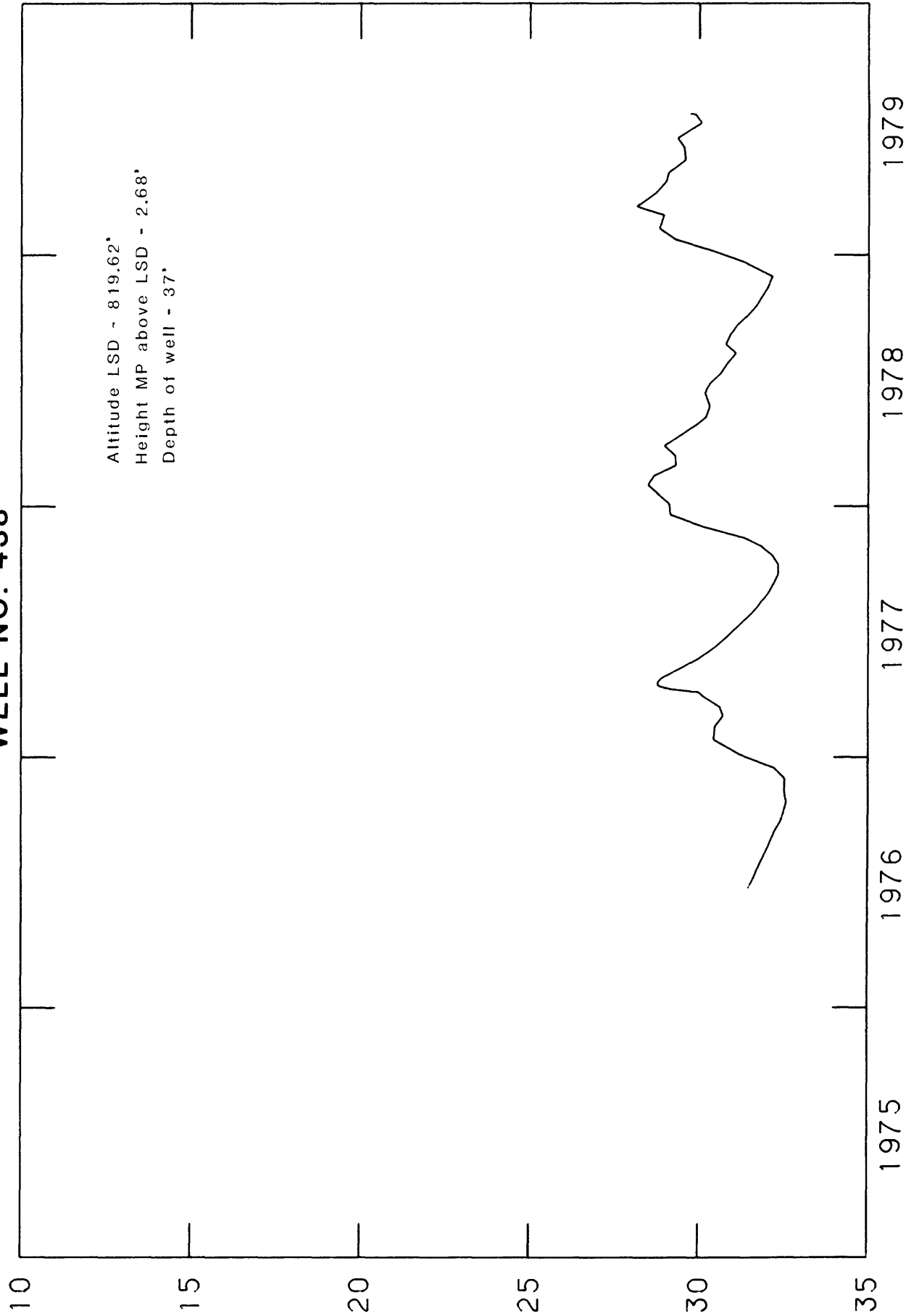
WELL NO. 437

Altitude LSD - 804.40'
Height MP above LSD - 2.80'
Depth of well - 36'



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 438



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 439

Altitude LSD - 795.19'
Height MP above LSD - 2.71'
Depth of well - 34'

DEPTH, IN FEET BELOW LAND SURFACE

0
5
10
15
20
25

1975

1976

1977

1978

1979

WELL NO. 440

Altitude LSD - 804.97'
Height MP above LSD - 4.13'
Depth of well - 36'

5
10
15
20
25
30

DEPTH, IN FEET BELOW LAND SURFACE

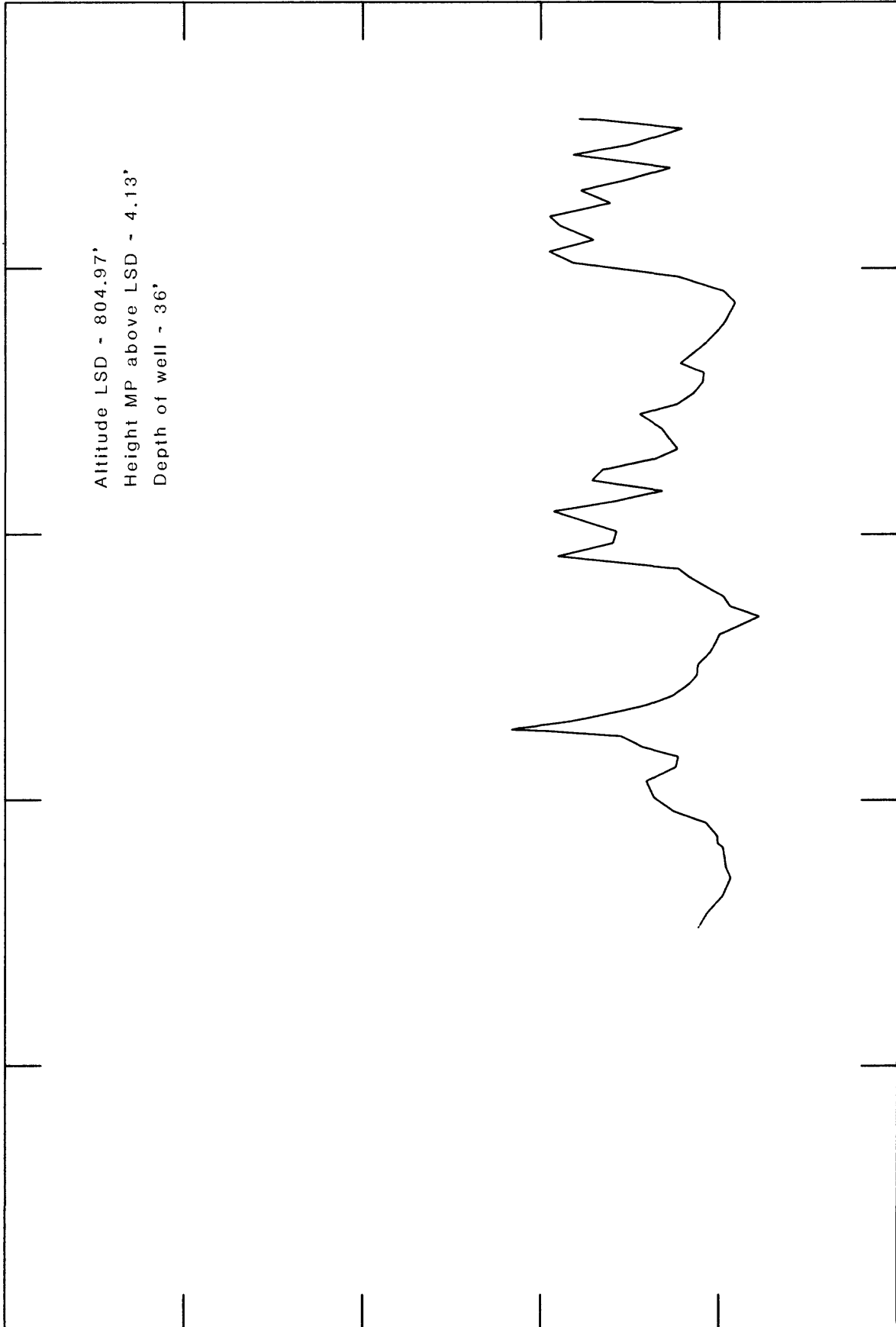
1975

1976

1977

1978

1979



WELL NO. 441

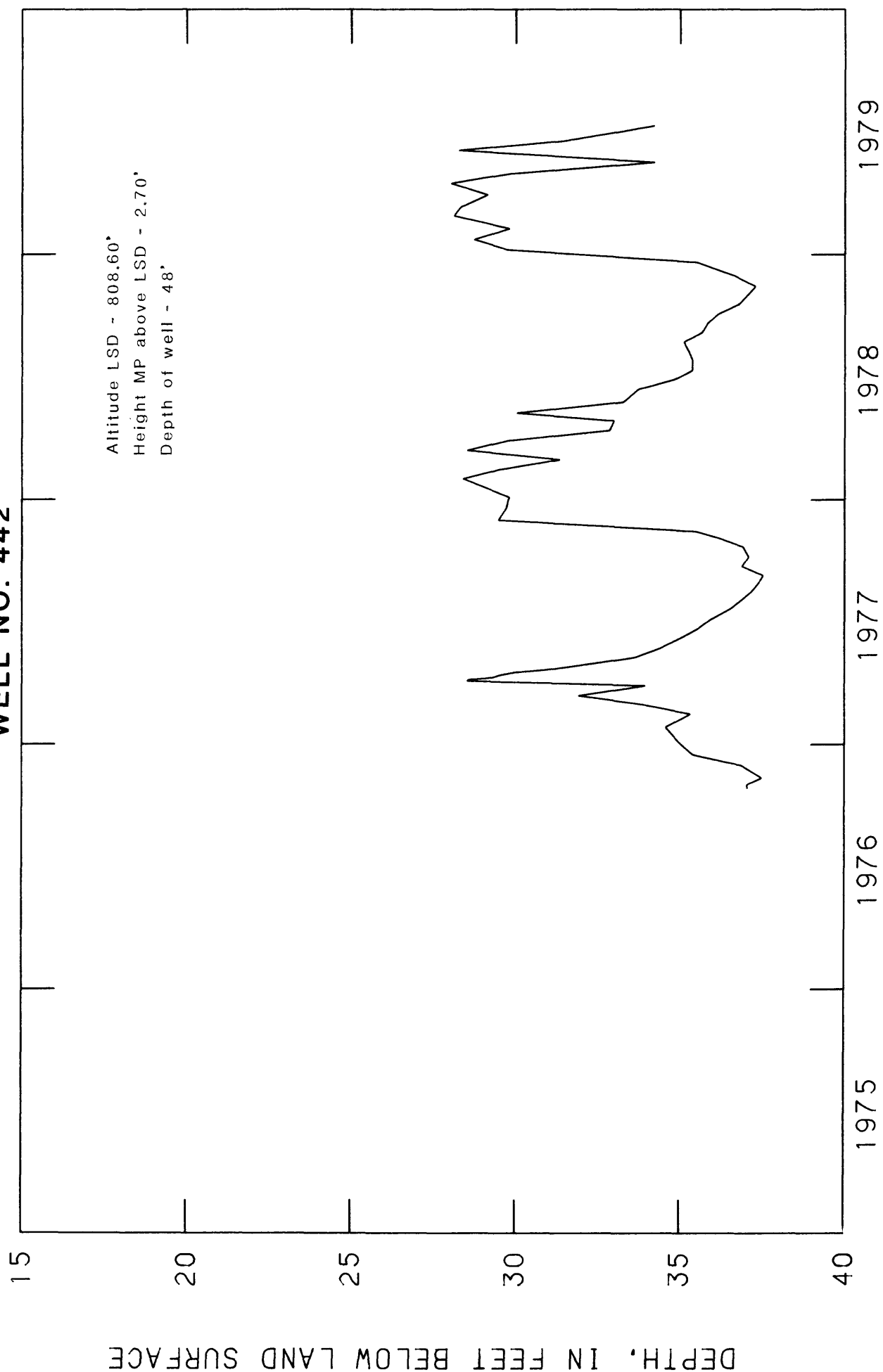
Altitude LSD - 836.55'
Height MP above LSD - 2.35'
Depth of well - 42'

10
15
20
25
30
35

DEPTH, IN FEET BELOW LAND SURFACE

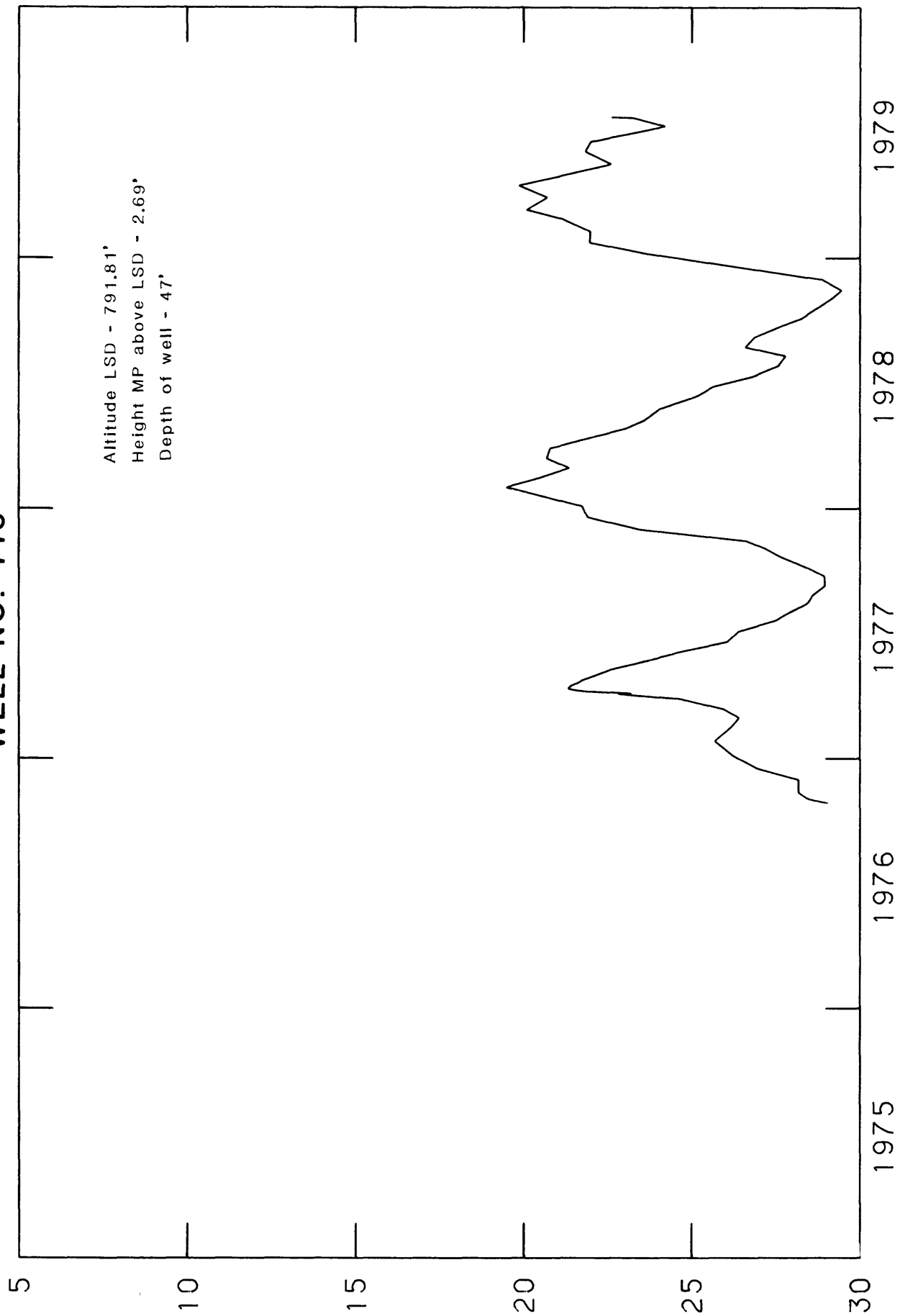
1975 1976 1977 1978 1979

WELL NO. 442



WELL NO. 443

Altitude LSD - 791.81'
Height MP above LSD - 2.69'
Depth of well - 47'



WELL NO. 444

Altitude LSD - 796.50'
Height MP above LSD - 1.90'
Depth of well - 21'

+10

+5

0

5

10

15

DEPTH, IN FEET BELOW LAND SURFACE

1975

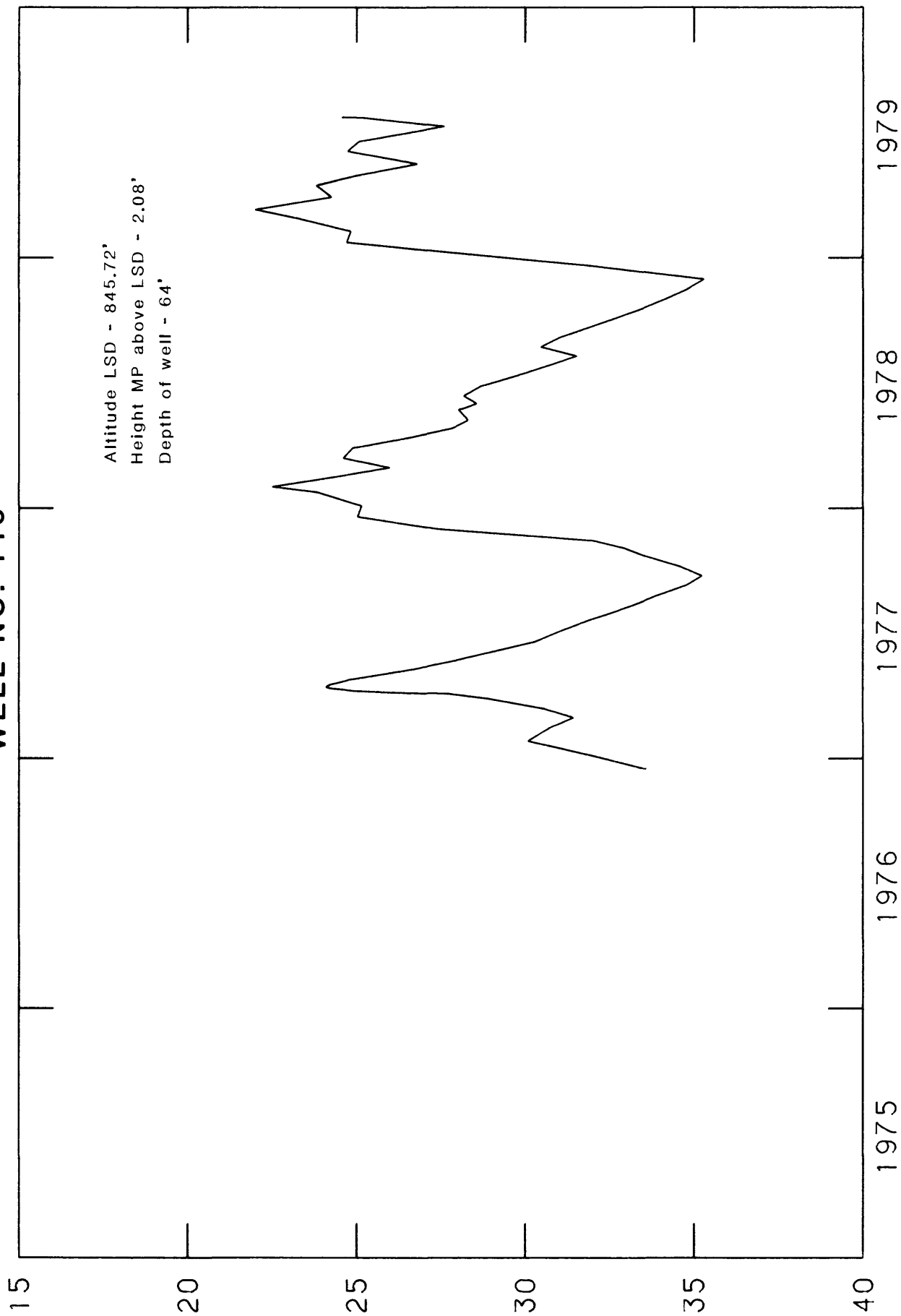
1976

1977

1978

1979

WELL NO. 445



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 446

Altitude LSD - 786.70'
Height MP above LSD - 2.50'
Depth of well - 29'

0 5 10 15 20 25

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

1977

1978

1979

WELL NO. 447

Altitude LSD - 777.95'
Height MP above LSD - 2.75'
Depth of well - 8'

+20

+15

+10

+5

0

5

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

1977

1978

1979

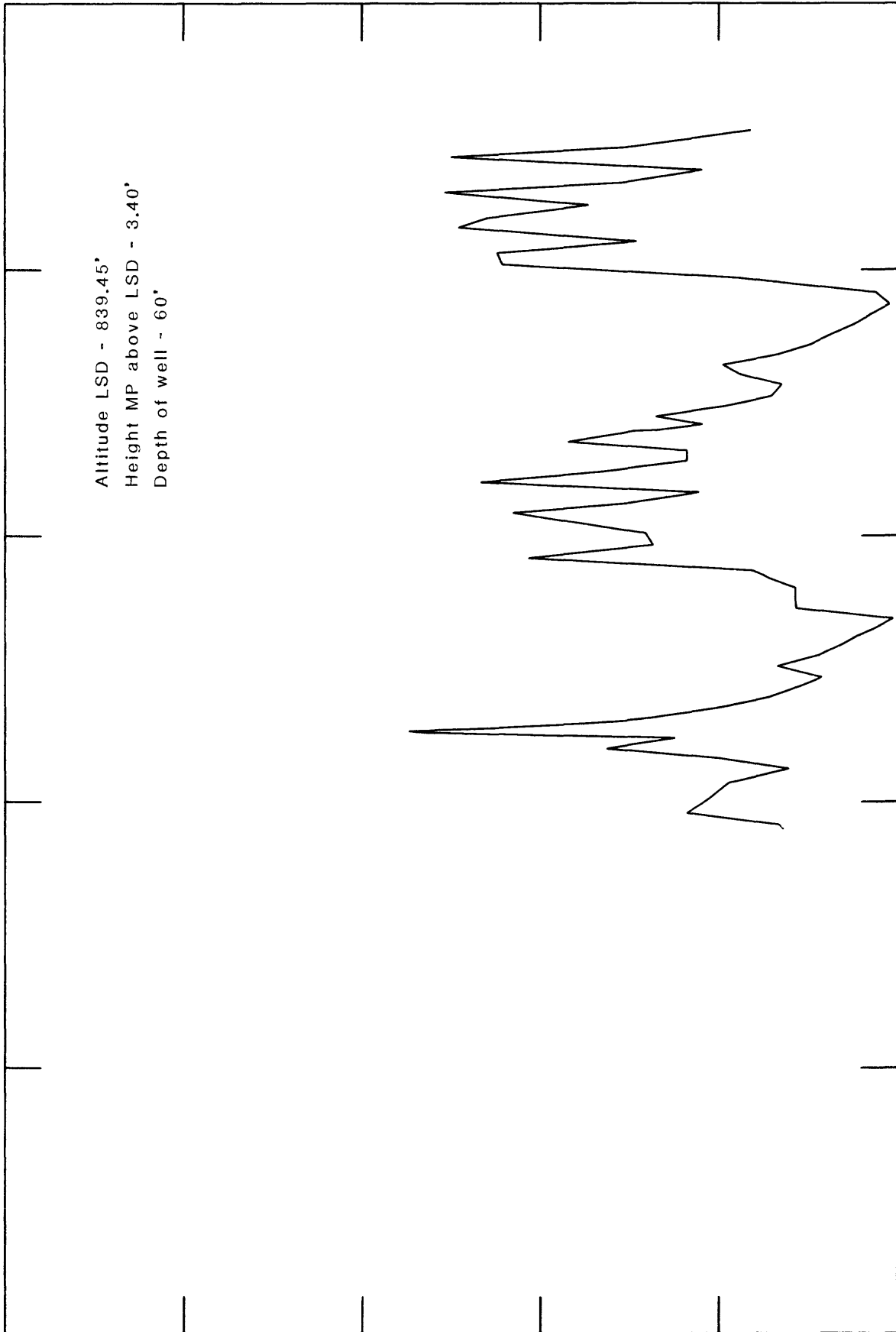
WELL NO. 448

Altitude LSD - 839.45'
Height MP above LSD - 3.40'
Depth of well - 60'

25
30
35
40
45
50

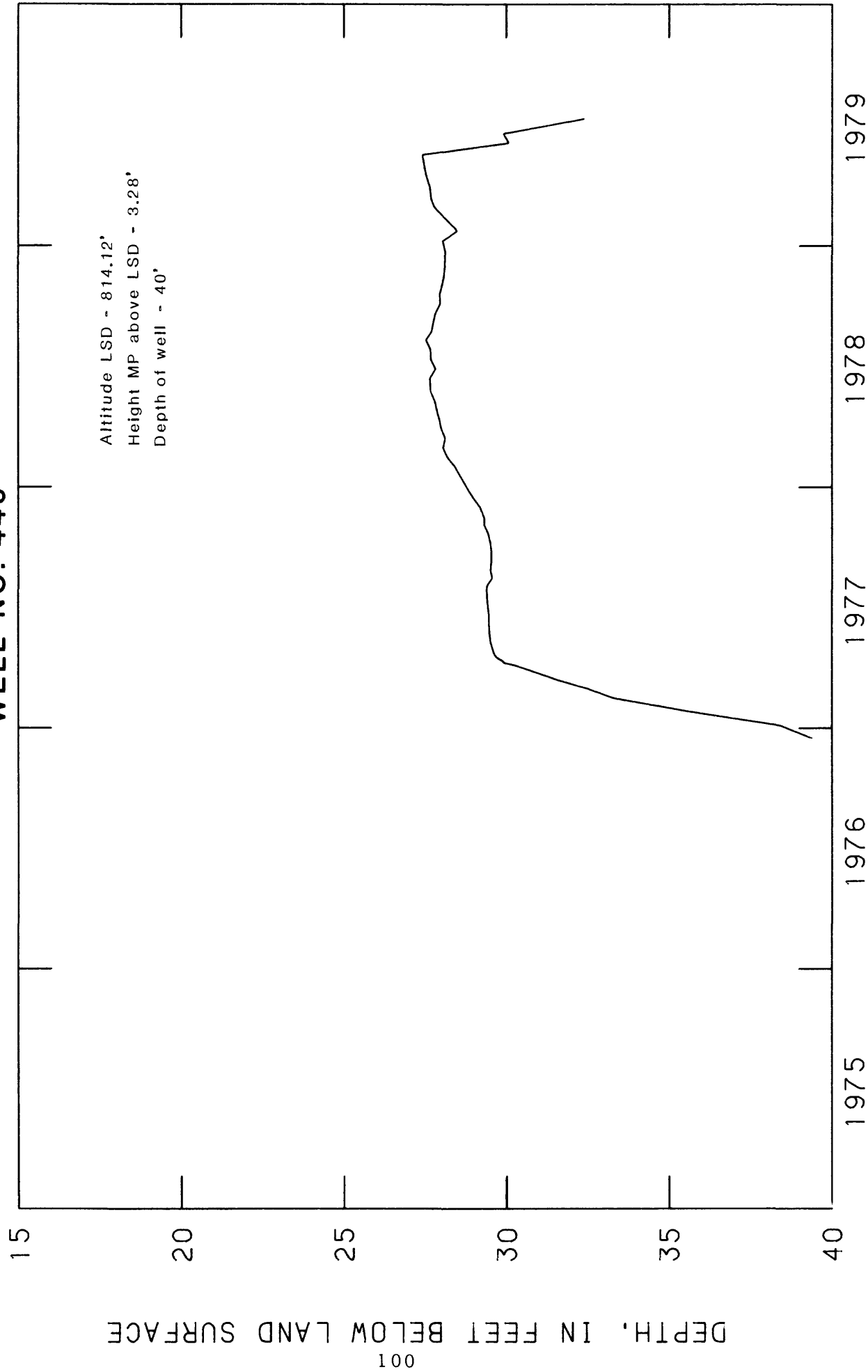
DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979



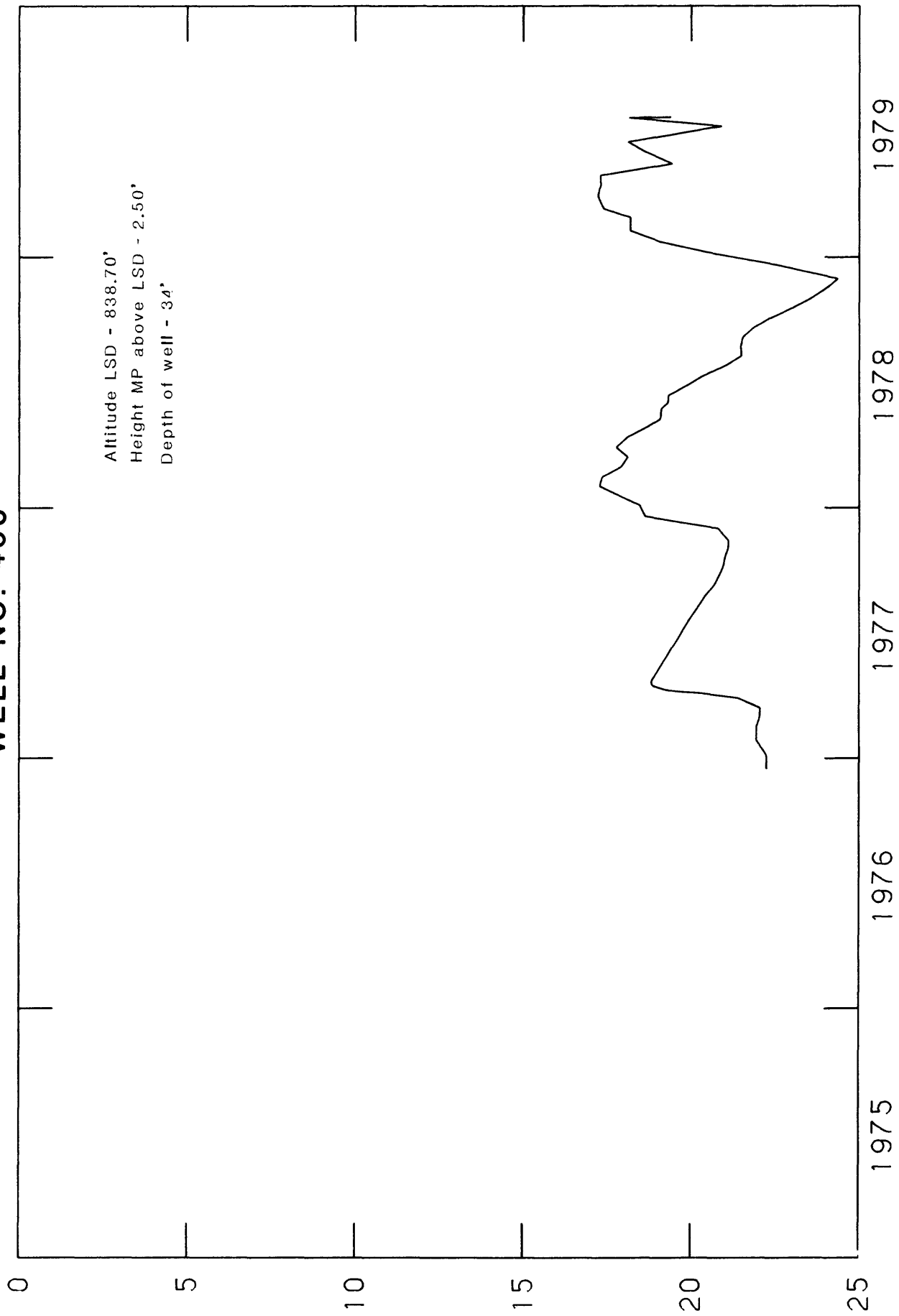
WELL NO. 449

Altitude LSD - 814.12'
Height MP above LSD - 3.28'
Depth of well - 40'



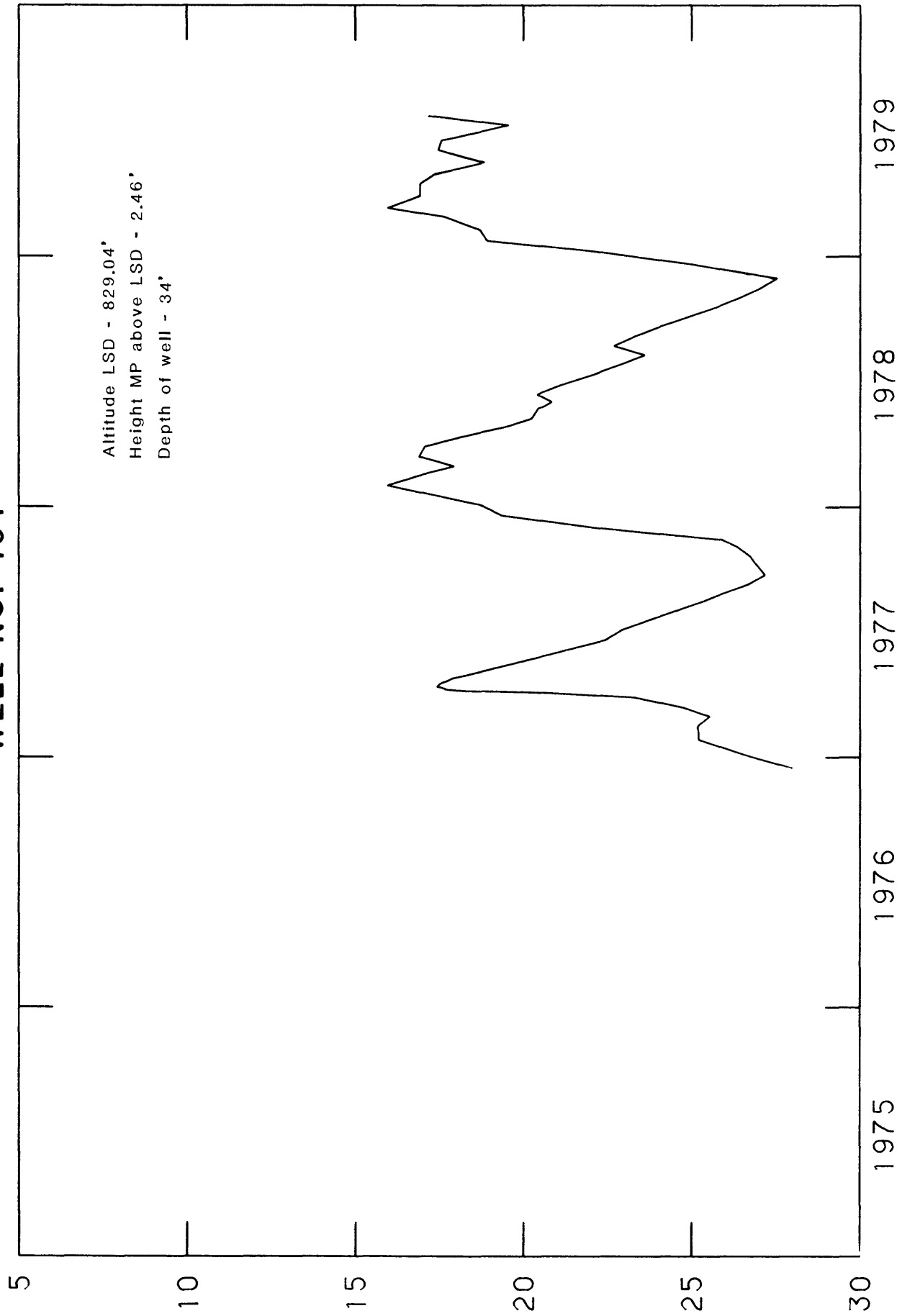
WELL NO. 450

Altitude LSD - 838.70'
Height MP above LSD - 2.50'
Depth of well - 34'



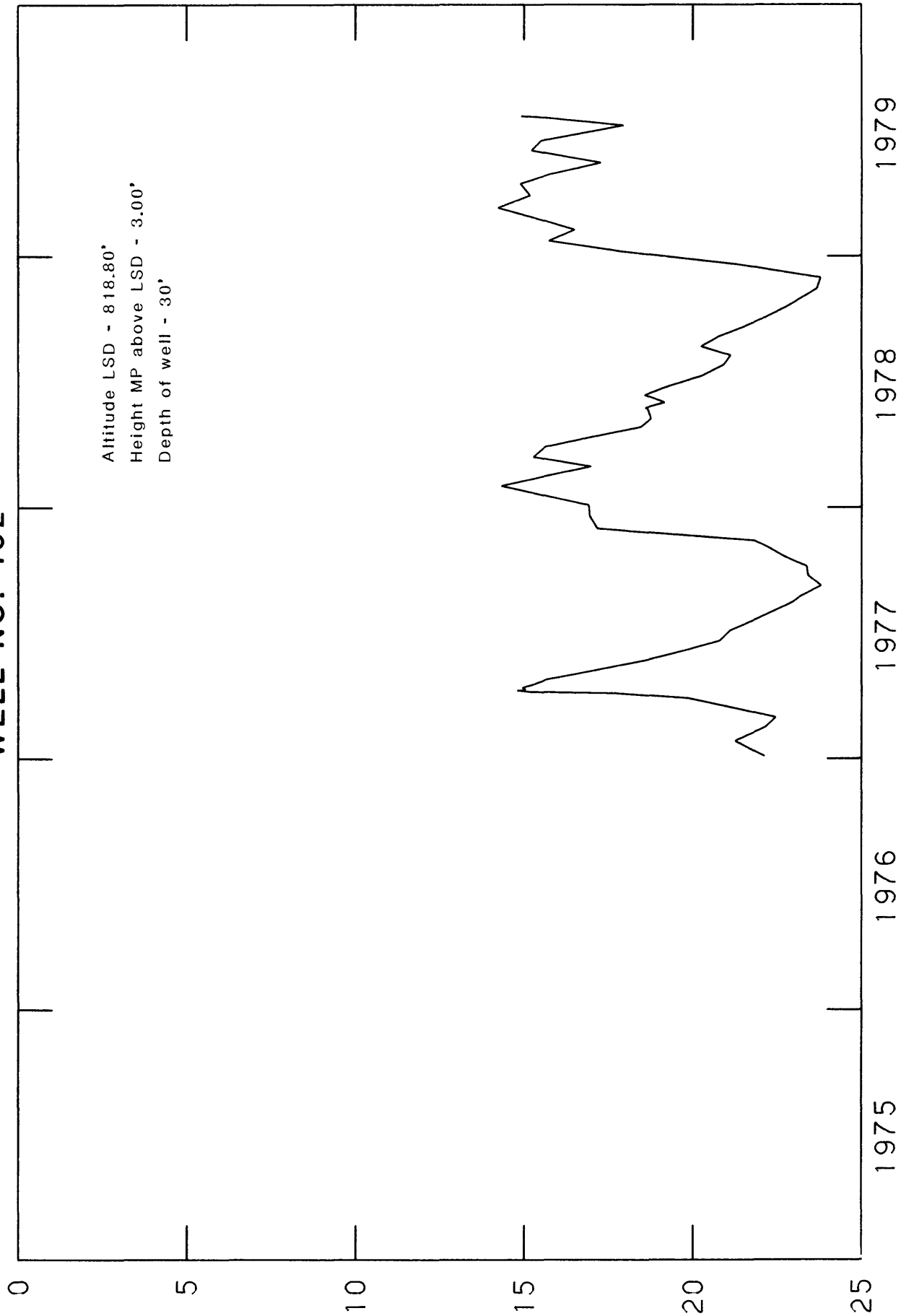
WELL NO. 451

Altitude LSD - 829.04'
Height MP above LSD - 2.46'
Depth of well - 34'



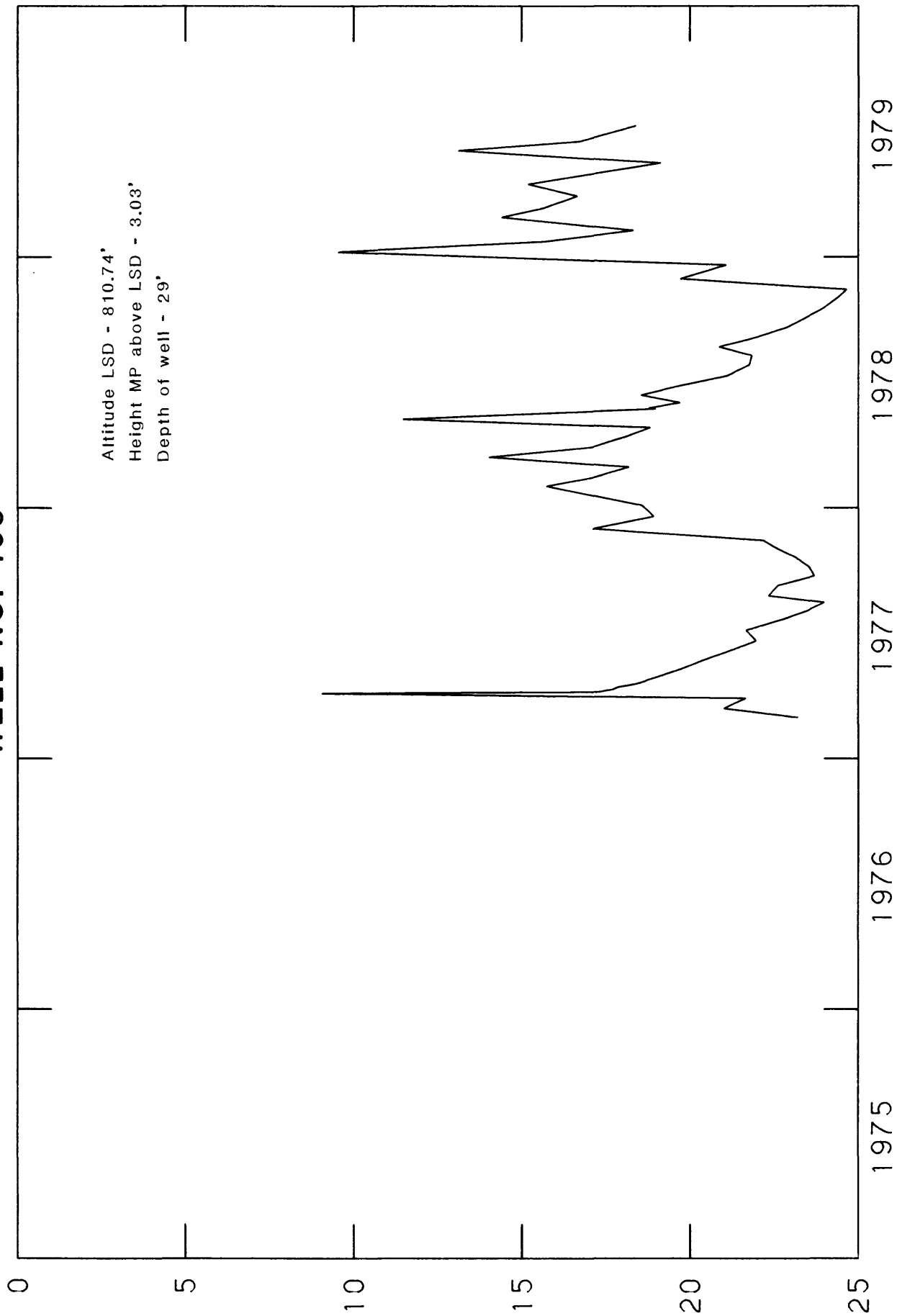
WELL NO. 452

Altitude LSD - 818.80'
Height MP above LSD - 3.00'
Depth of well - 30'



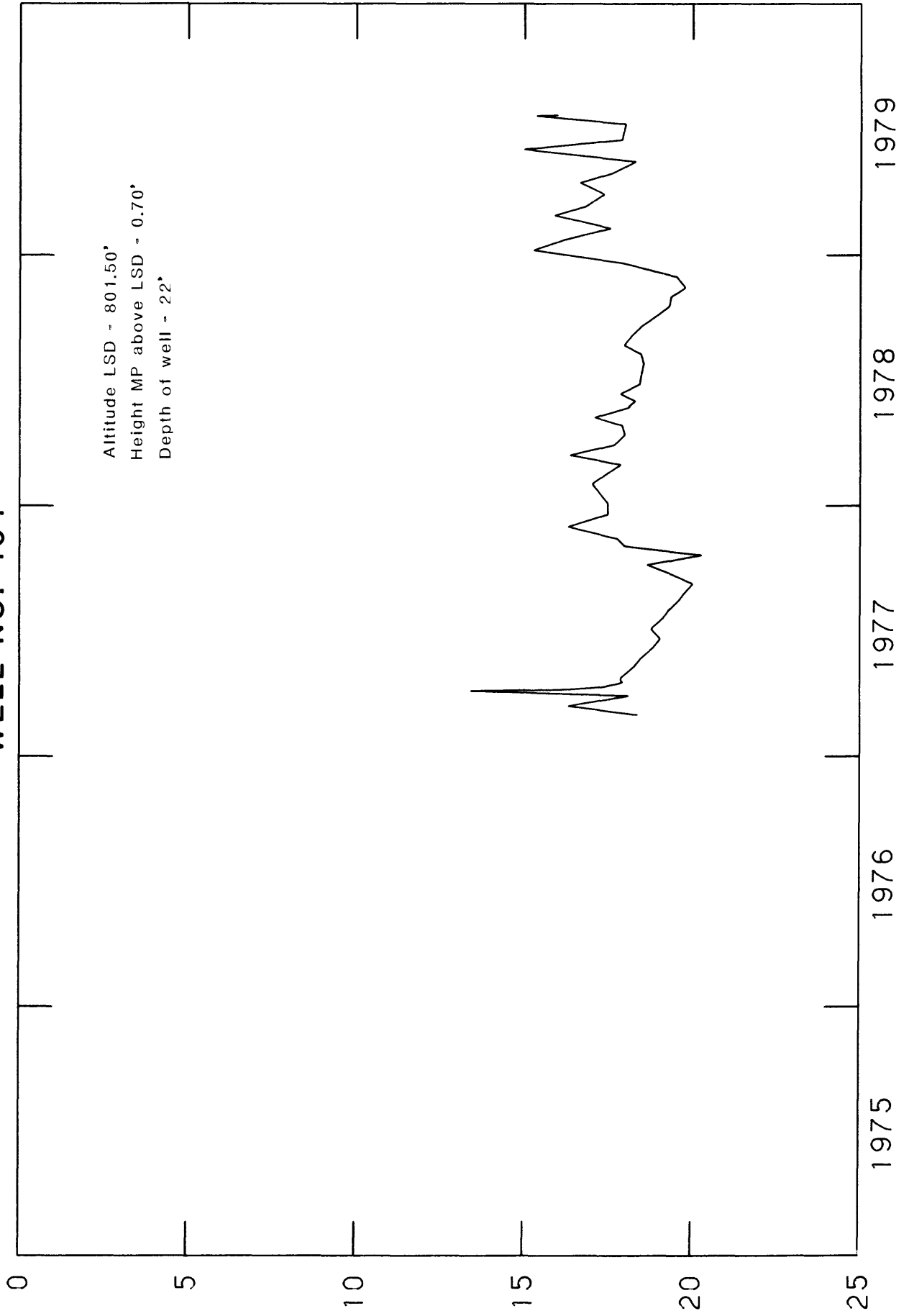
WELL NO. 453

Altitude LSD - 810.74'
Height MP above LSD - 3.03'
Depth of well - 29'



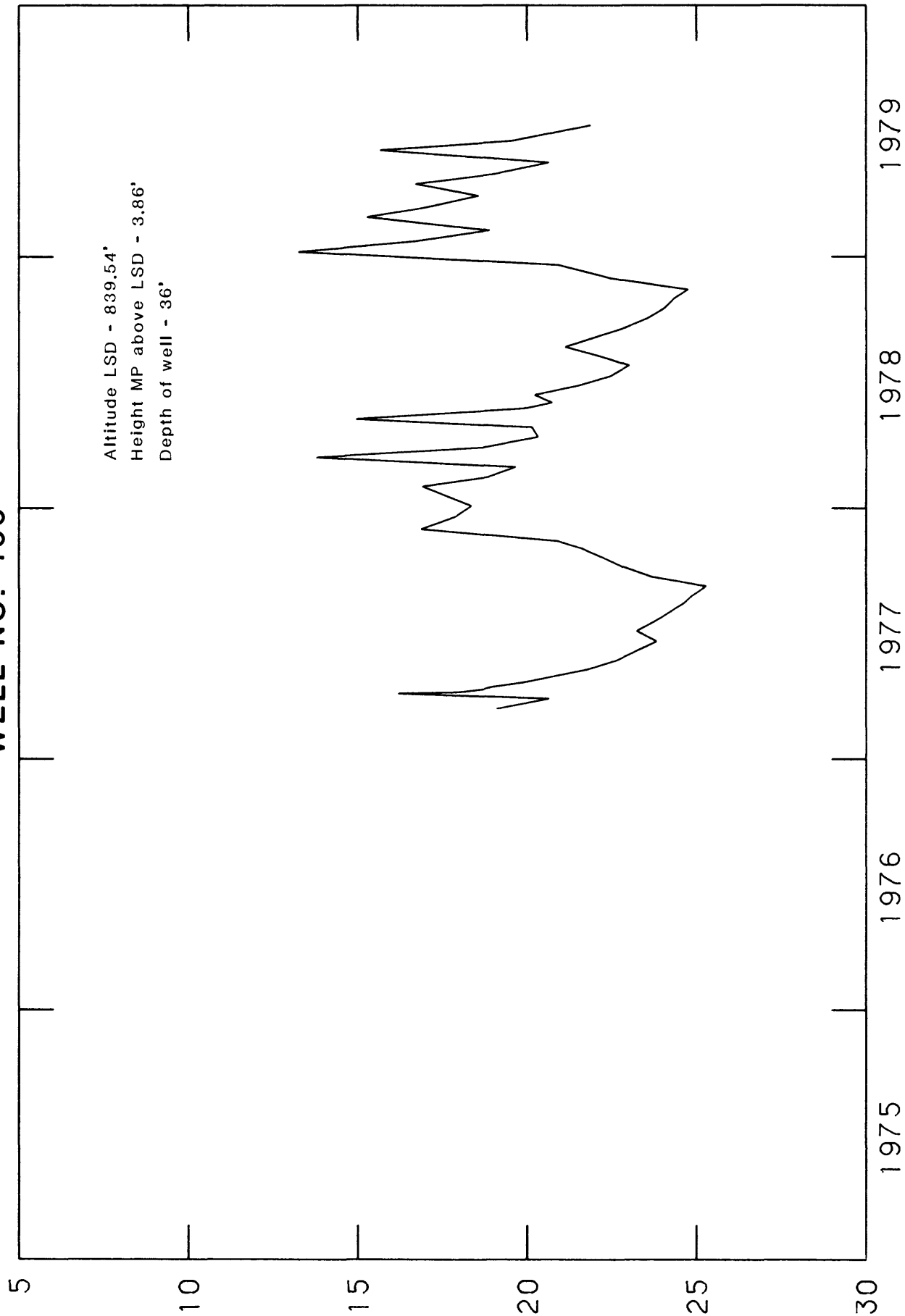
WELL NO. 454

Altitude LSD - 801.50'
Height MP above LSD - 0.70'
Depth of well - 22'



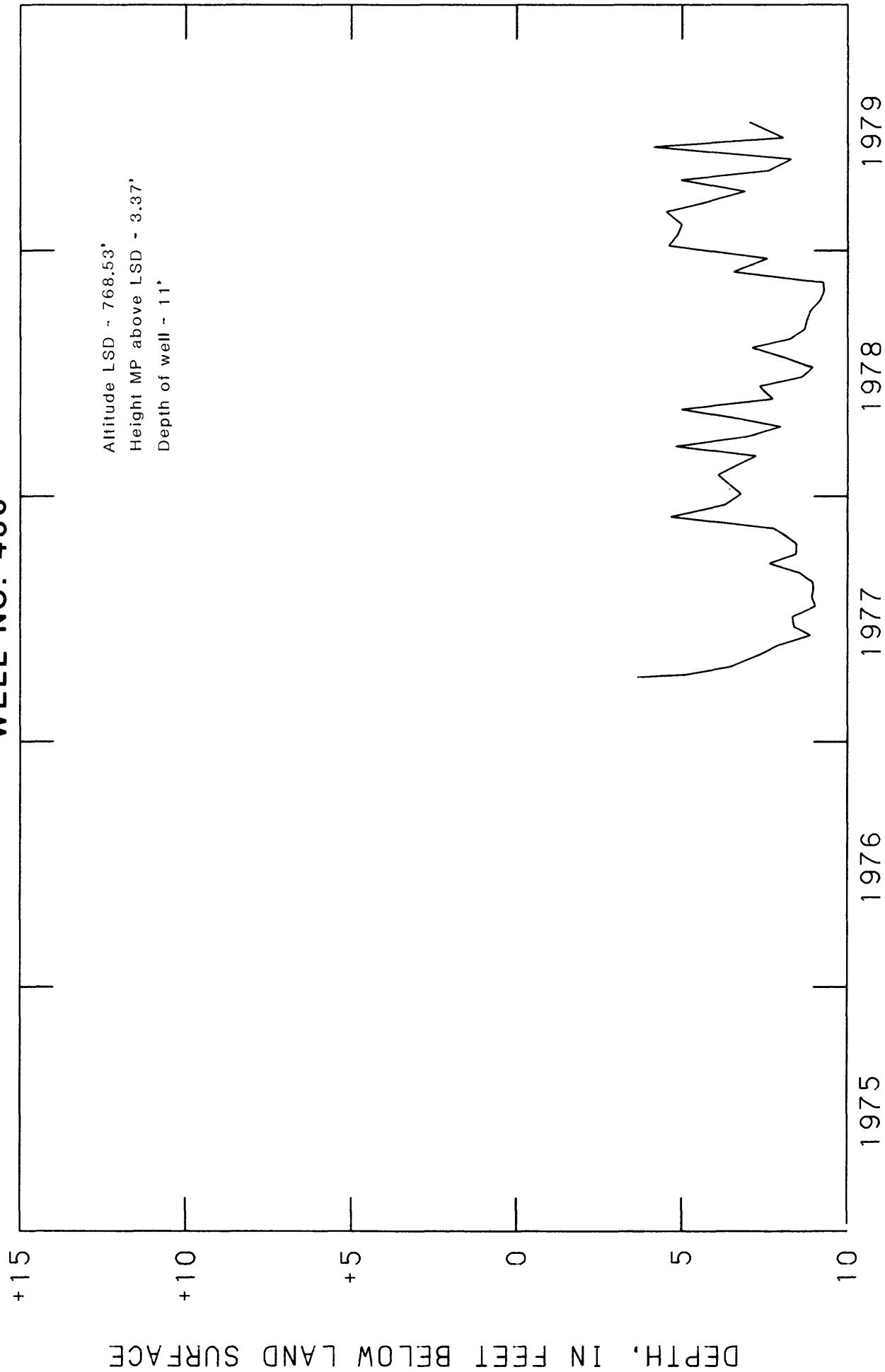
WELL NO. 455

Altitude LSD - 839.54'
Height MP above LSD - 3.86'
Depth of well - 36'

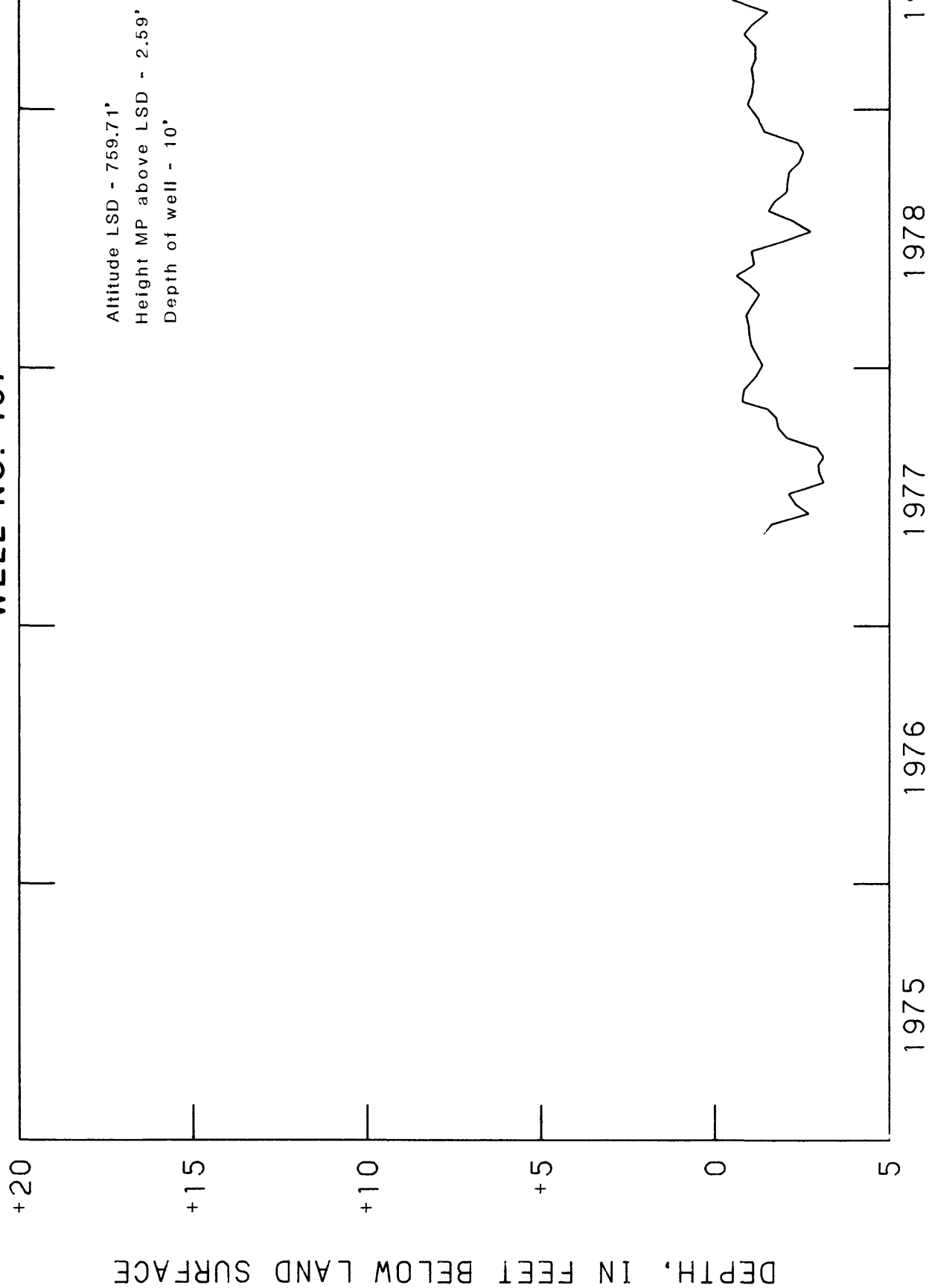


WELL NO. 456

Altitude LSD ~ 768.53'
Height MP above LSD ~ 3.37'
Depth of well ~ 11'

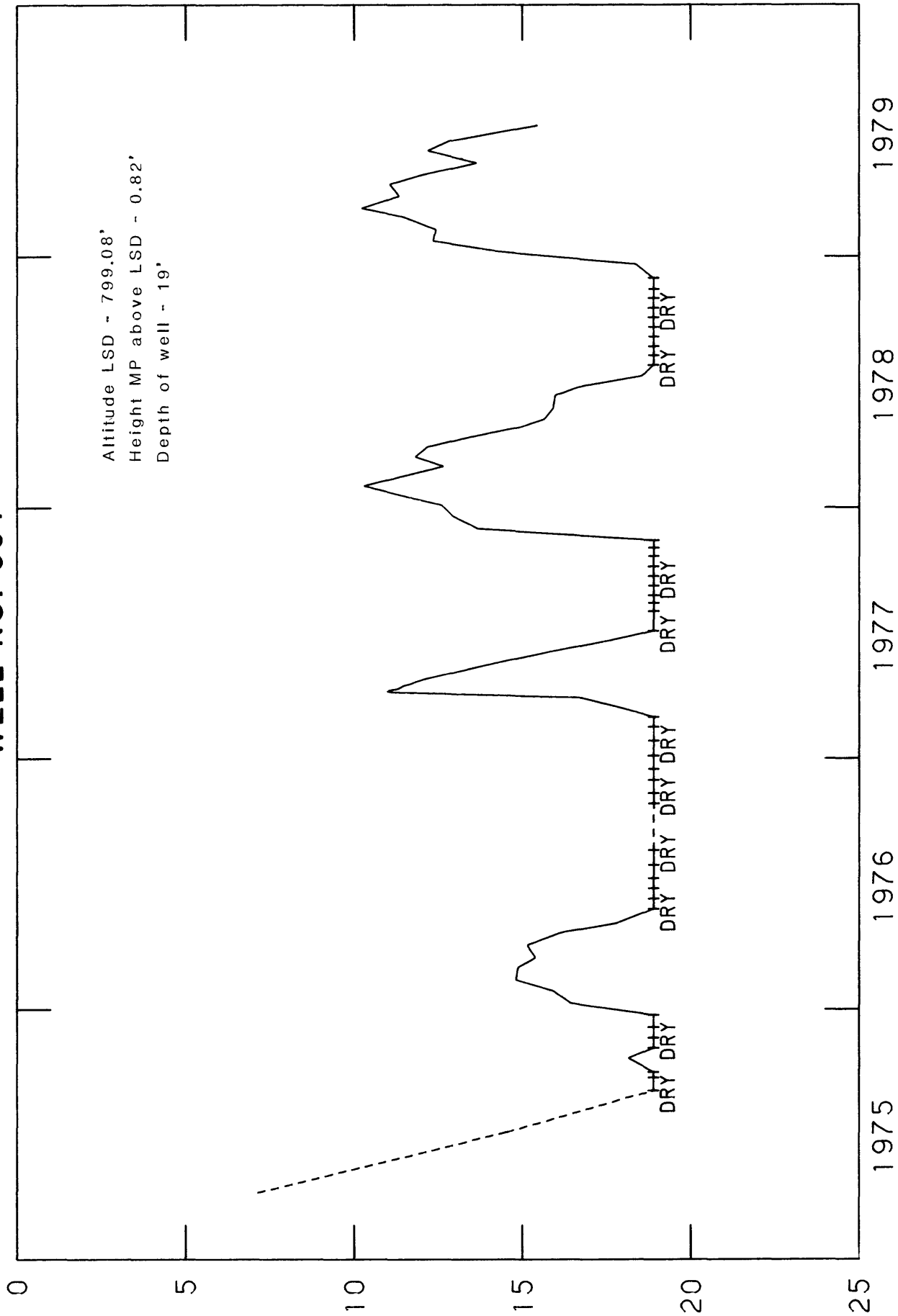


WELL NO. 457



WELL NO. 501

Altitude LSD ~ 799.08'
Height MP above LSD ~ 0.82'
Depth of well ~ 19'



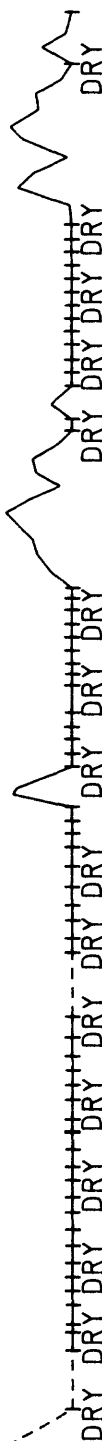
WELL NO. 502

Altitude LSD - 807.01'
Height MP above LSD - 1.99'
Depth of well - 18'

DEPTH, IN FEET BELOW LAND SURFACE

0
5
10
15
20
25

1975 1976 1977 1978 1979



WELL NO. 001

Altitude LSD - 827.20'
 Height MP above LSD - 0.00'
 Depth of well - 16'

Date	Water Level (feet)
Jan 1975	11.0
Mar 1975	12.5
May 1975	14.0
Jul 1975	15.0
Sep 1975	16.0
Nov 1975	16.5
Jan 1976	16.0
Mar 1976	15.5
May 1976	15.0
Jul 1976	14.5
Sep 1976	14.0
Nov 1976	14.5
Jan 1977	15.0
Mar 1977	15.5
May 1977	16.0
Jul 1977	16.5
Sep 1977	17.0
Nov 1977	17.5
Jan 1978	17.0
Mar 1978	16.5
May 1978	16.0
Jul 1978	15.5
Sep 1978	15.0
Nov 1978	14.5
Jan 1979	14.0
Mar 1979	13.5
May 1979	13.0
Jul 1979	12.5
Sep 1979	12.0
Nov 1979	11.5

Altitude LSD - 827.20'
Height MP above LSD - 0.00'
Depth of well - 16'

DEPT#H, IN FEET BELOW LAND SURFACE

WELL NO. 506

Altitude LSD - 8111.08'
Height MP above LSD - 1.62'
Depth of well - 18'

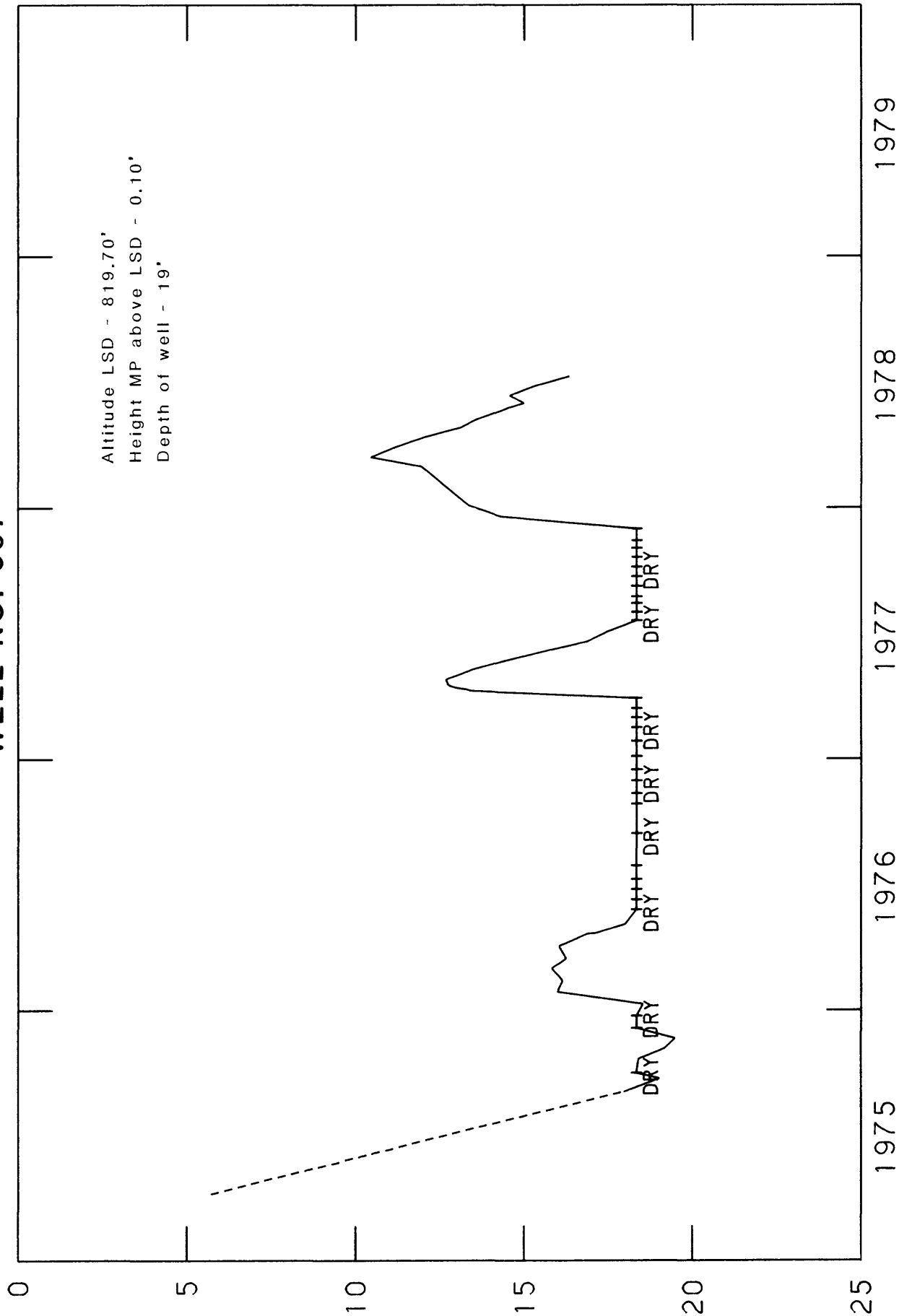
0 5 10 15 20 25

DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979

WELL NO. 507

Altitude LSD - 819.70'
Height MP above LSD - 0.10'
Depth of well - 19'



WELL NO. 508

Altitude LSD - 834.16'
 Height MP above LSD - 0.64'
 Depth of well - 19'

DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979

Year	Depth (Feet)	Status
1975	~7.5	DRY
1976	~19.0	DRY
1977	~19.0	DRY
1978	~19.0	DRY
1979	~19.0	DRY

WELL NO. 508

Altitude LSD - 834.16'
 Height MP above LSD - 0.64'
 Depth of well - 19'

DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979

WELL NO. 508

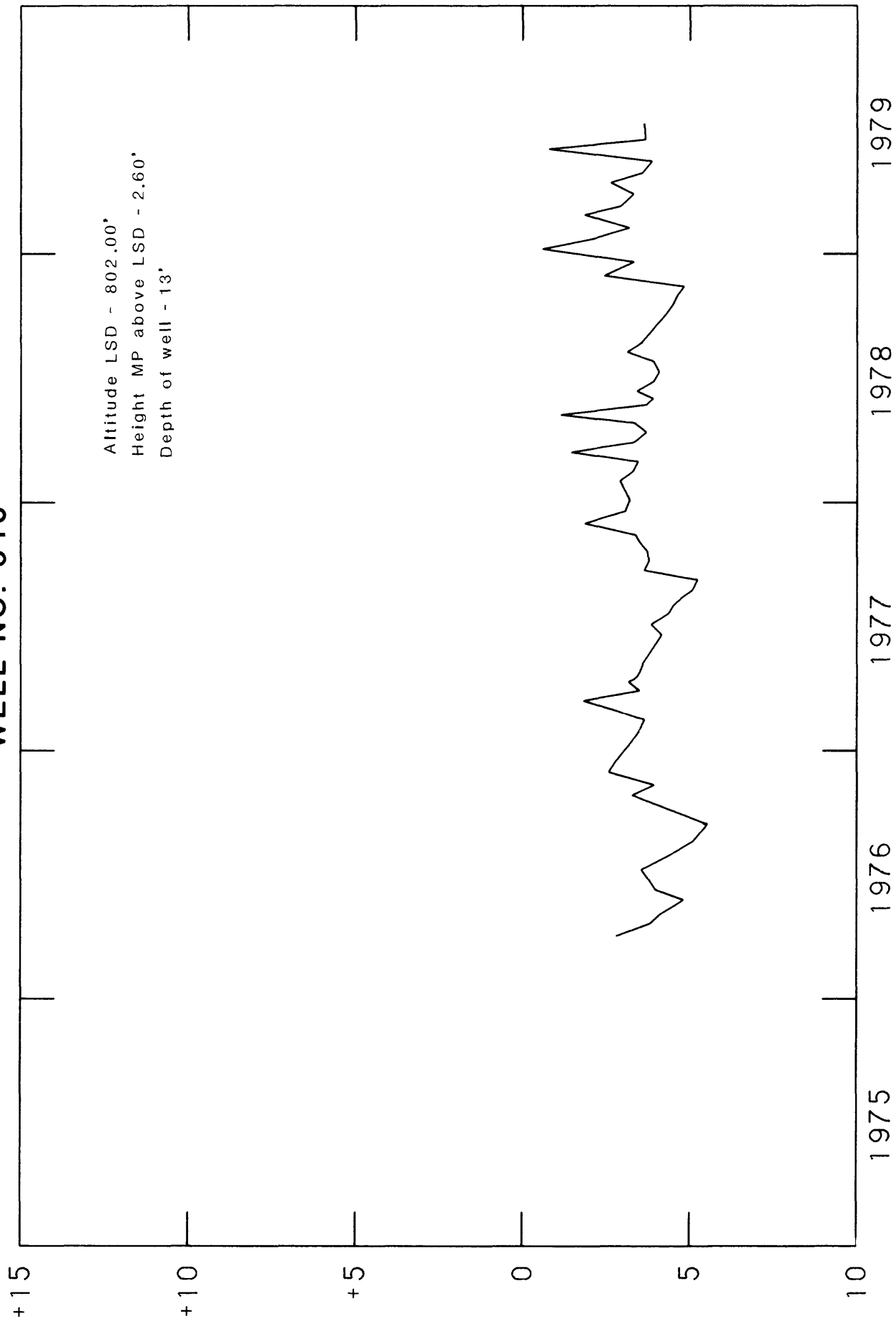
Altitude LSD - 834.16'
 Height MP above LSD - 0.64'
 Depth of well - 19'

DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979

Year	Depth (Feet)	Status
1975	~7.5	DRY
1976	~19.0	DRY
1977	~19.0	DRY
1978	~19.0	DRY
1979	~19.0	DRY

WELL NO. 510



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. 511

Altitude LSD - 804.28'
Height MP above LSD - 3.92'
Depth of well - 16'

+10

+5

0

5

10

15

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

1977

1978

1979

WELL NO. 512

Altitude LSD - 809.05'
Height MP above LSD - 2.45'
Depth of well - 13'

+15

+10

+5

0

5

10

DEPTH, IN FEET BELOW LAND SURFACE

117

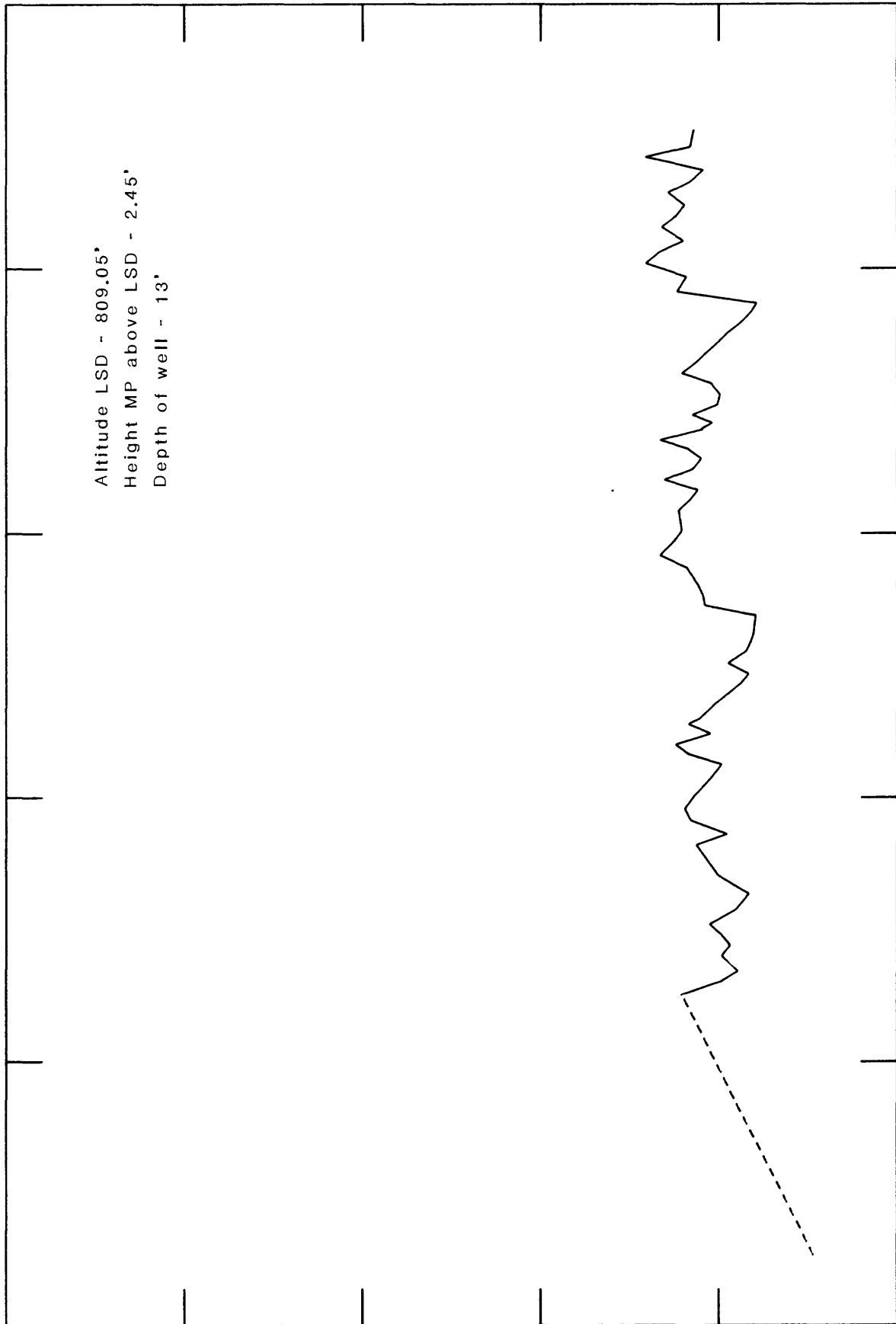
1975

1976

1977

1978

1979



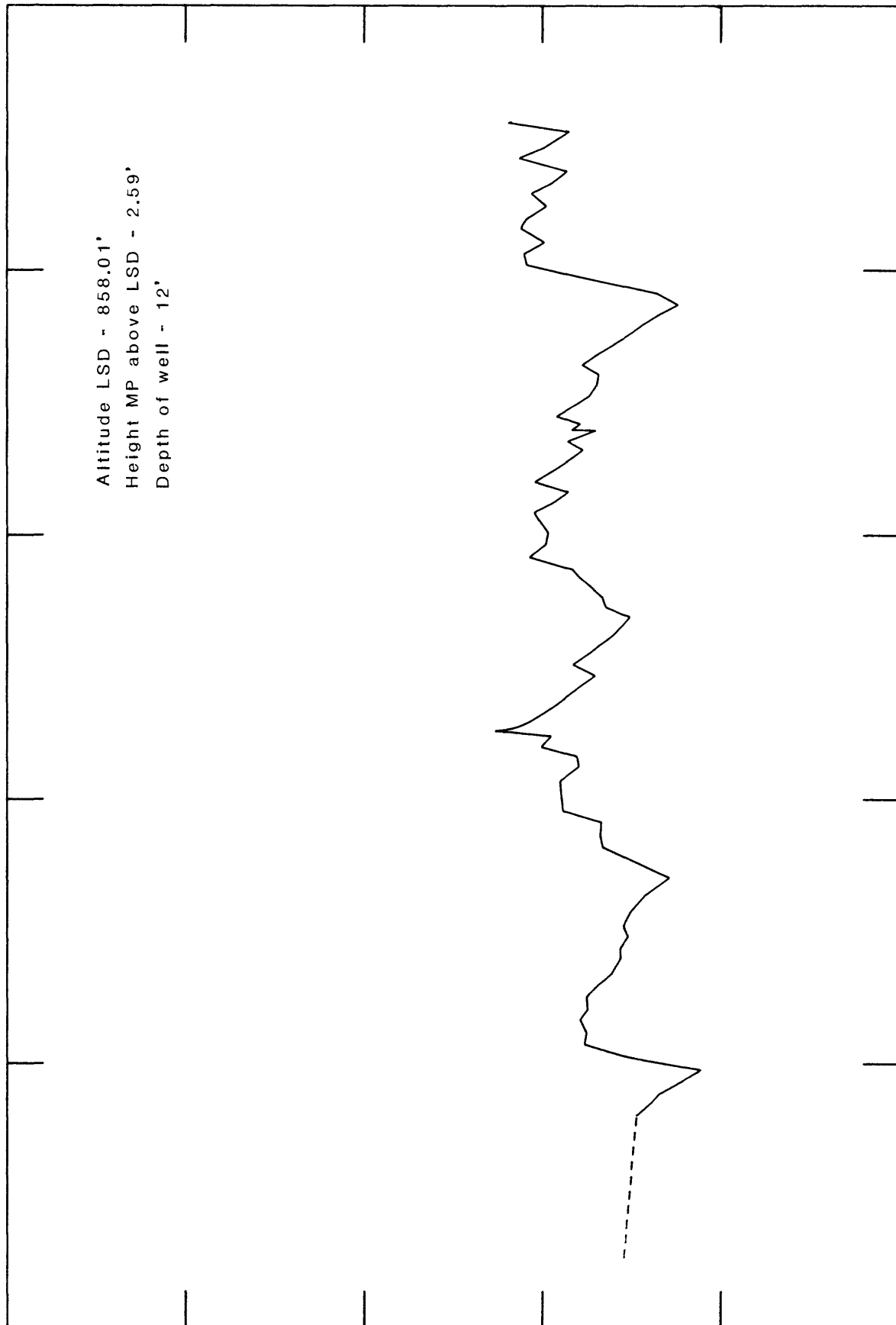
WELL NO. T29-1

Altitude LSD - 858.01'
Height MP above LSD - 2.59'
Depth of well - 12'

+10
+5
0
5
10
15

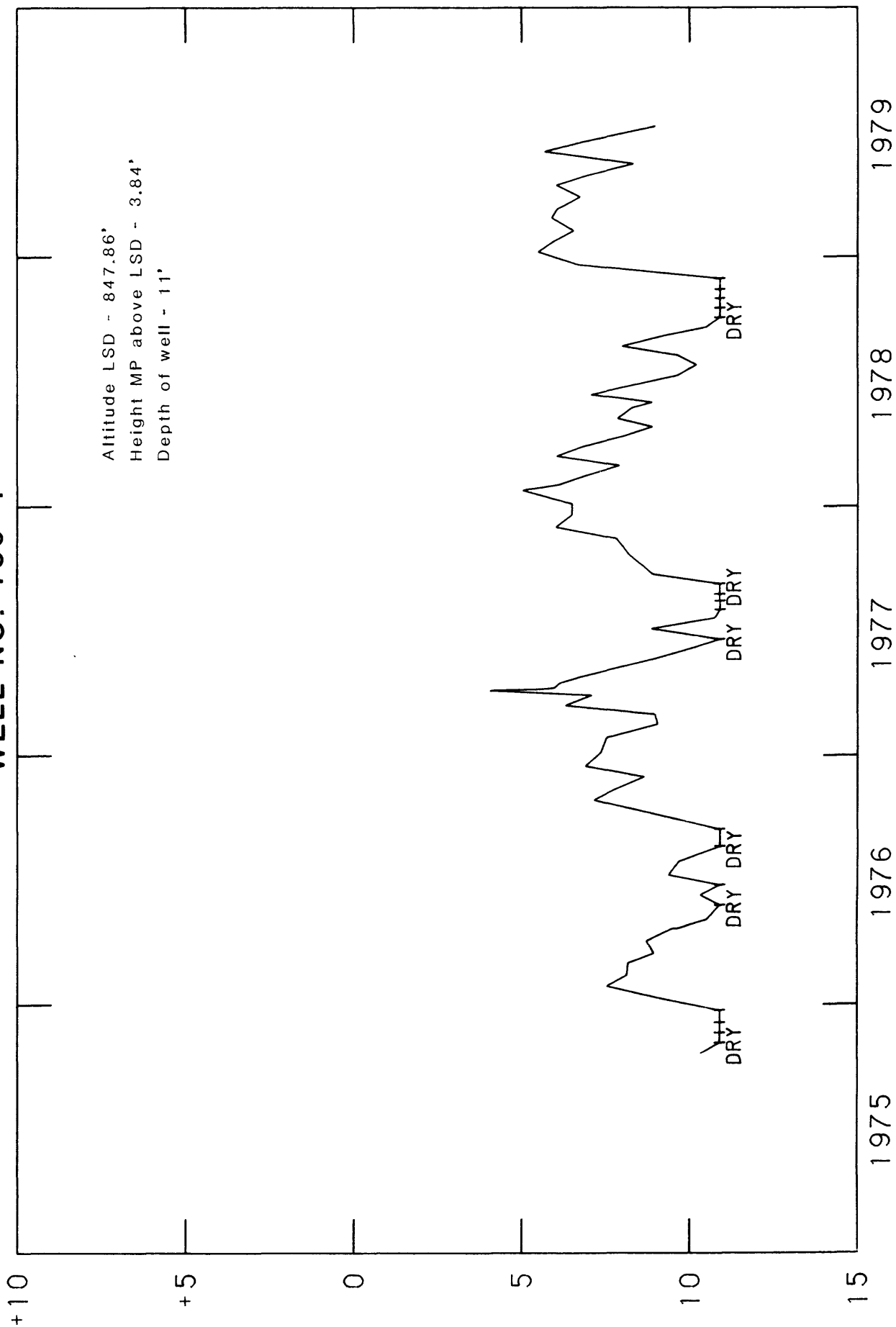
DEPTH, IN FEET BELOW LAND SURFACE

1975 1976 1977 1978 1979



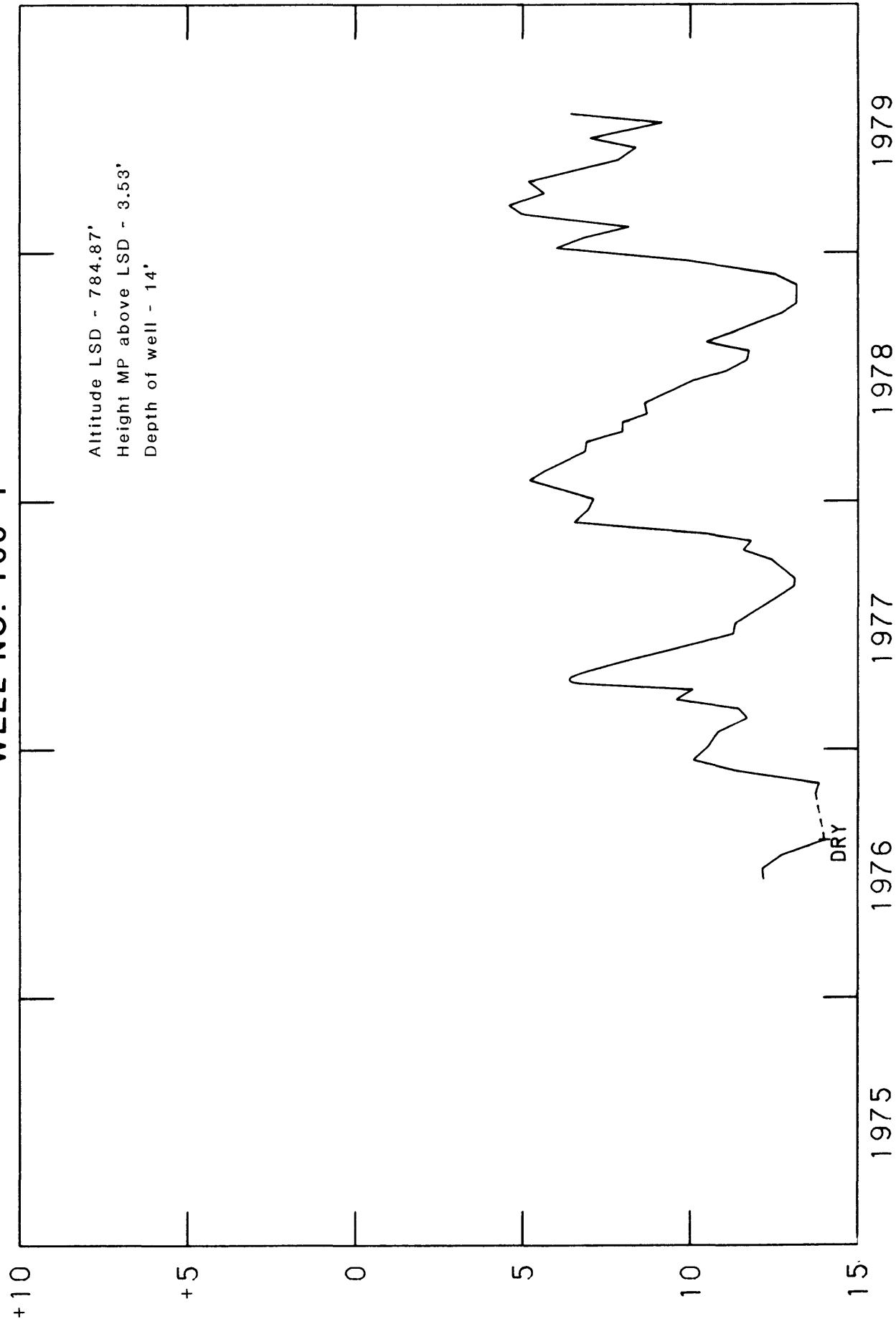
WELL NO. T30-1

Altitude LSD - 847.86'
 Height MP above LSD - 3.84'
 Depth of well - 11'



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T60-1



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T64-1

Altitude LSD - 779.12'
Height MP above LSD - 2.08'
Depth of well - 15'

+10
+5
0
5
10
15

DEPTH, IN FEET BELOW LAND SURFACE

1975

1976

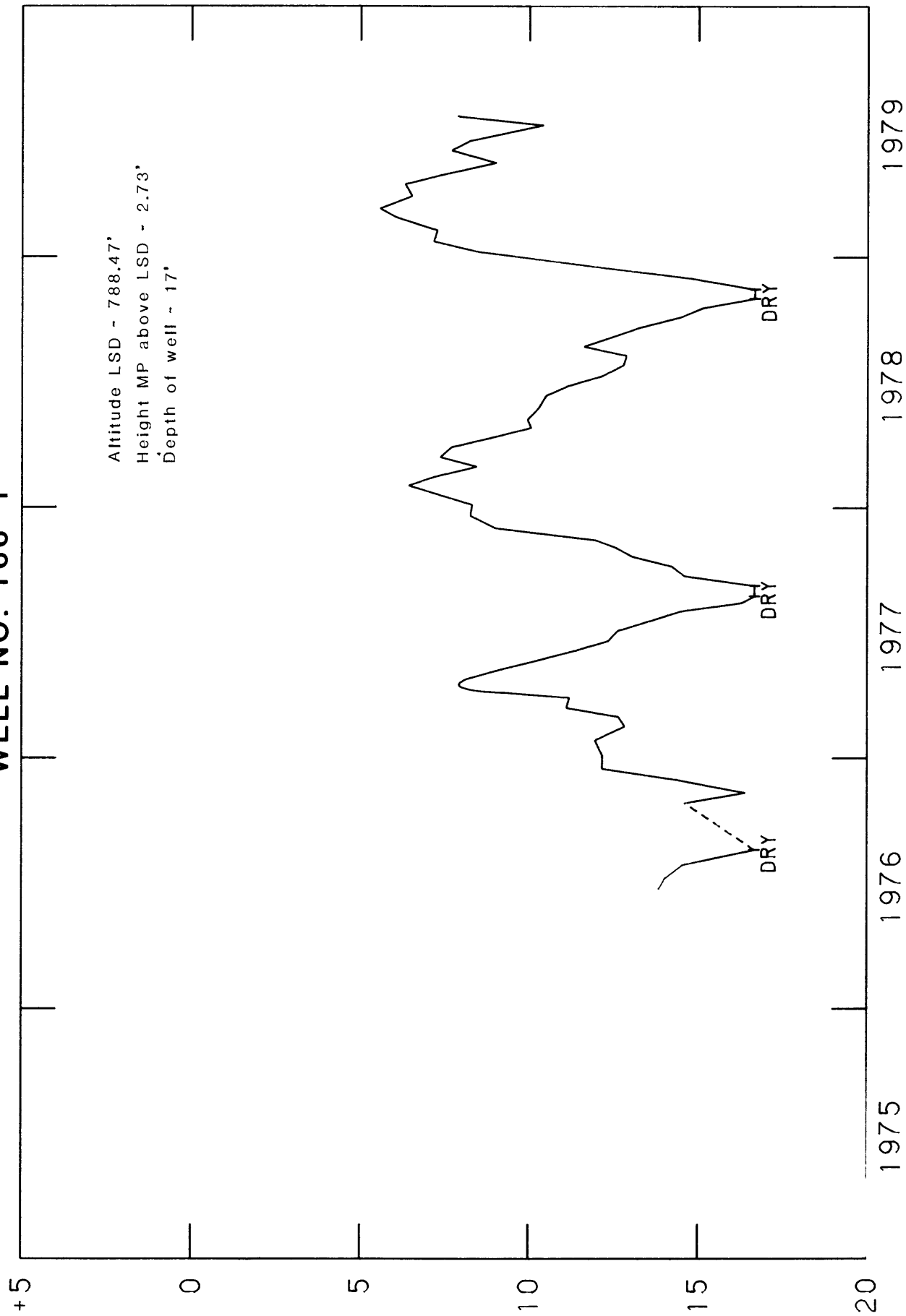
1977

1978

1979

WELL NO. T66-1

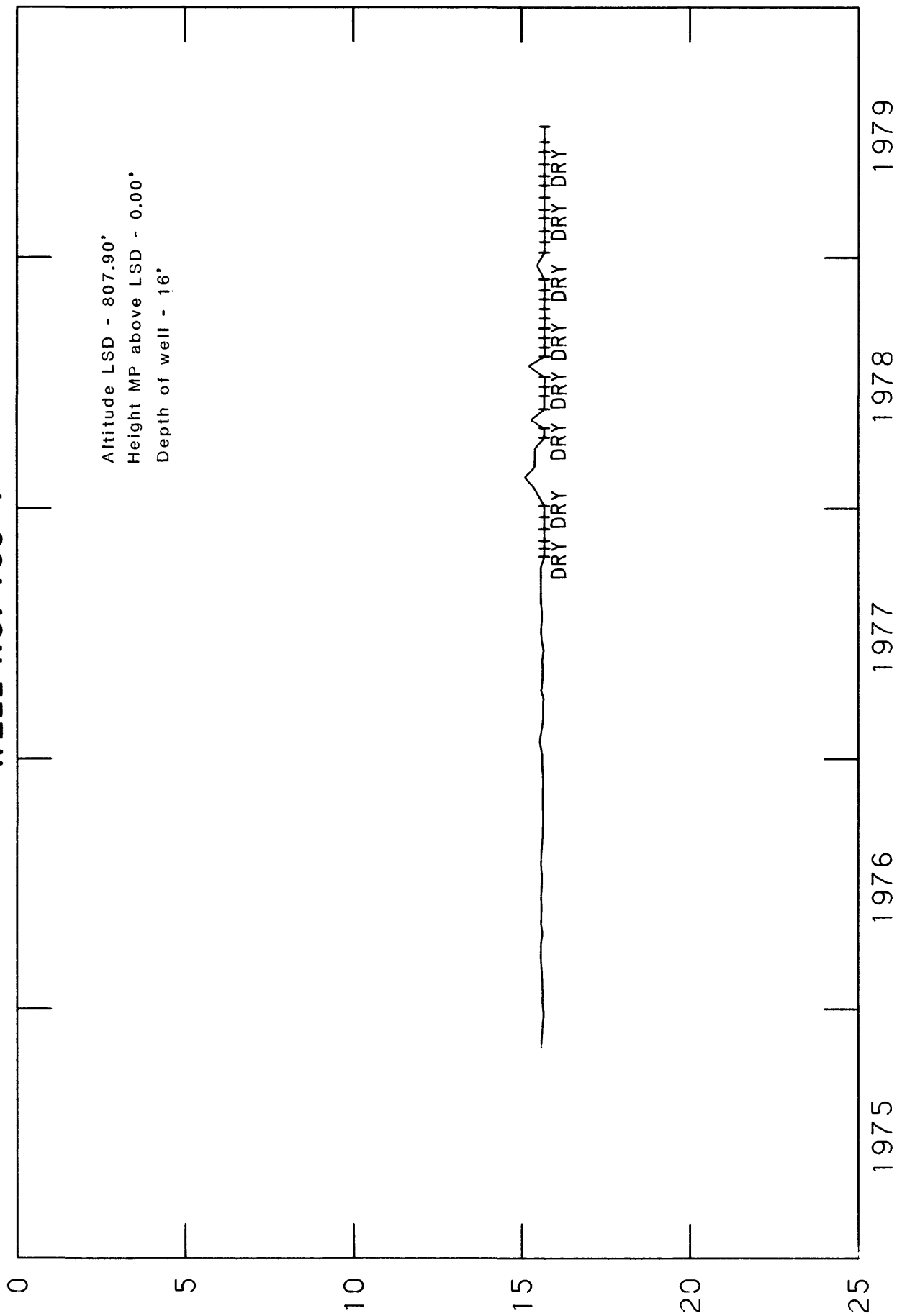
Altitude LSD - 788.47'
Height MP above LSD - 2.73'
Depth of well - 17'



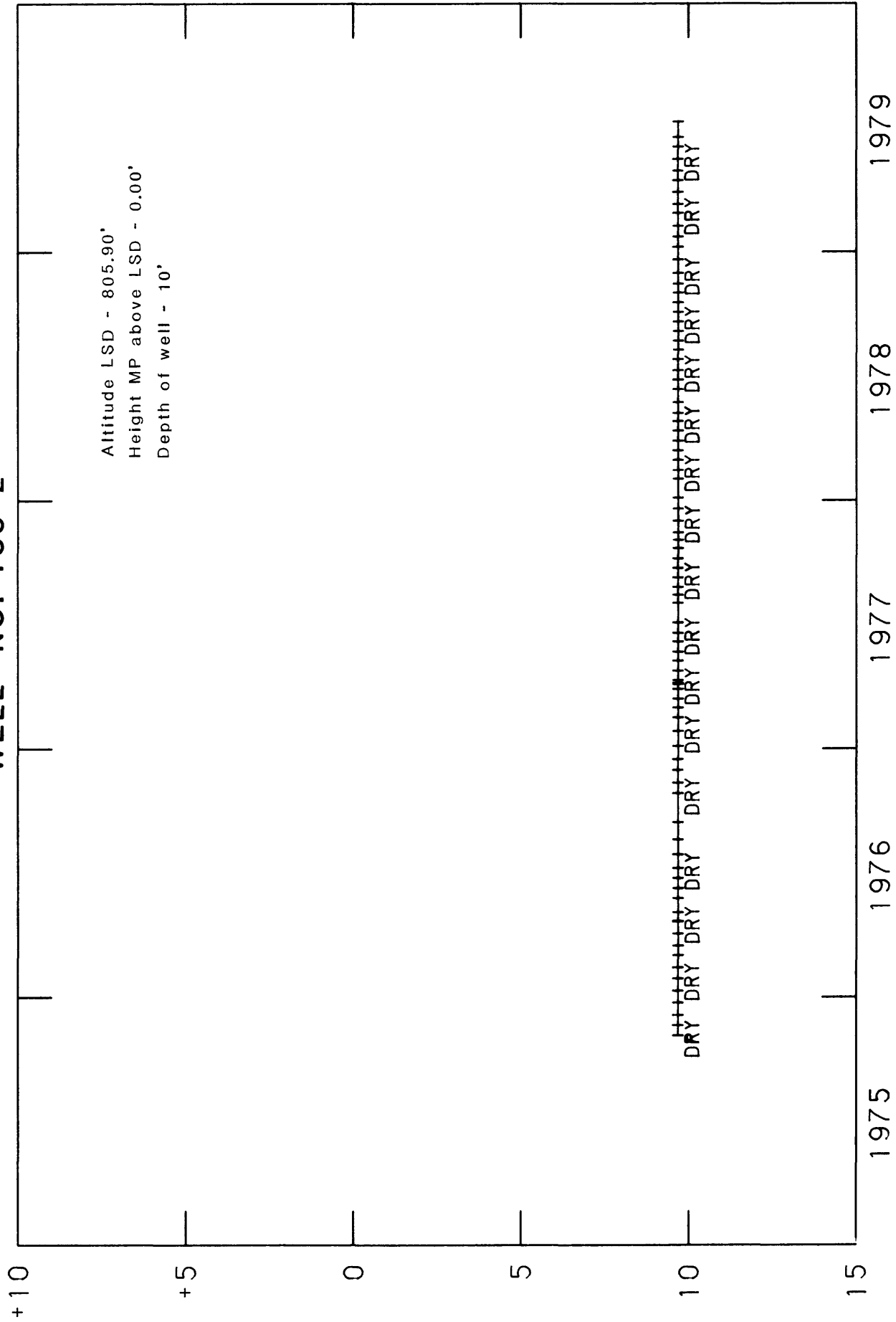
DEPTH, IN FEET BELOW LAND SURFACE

DEPTH, IN FEET BELOW LAND SURFACE

124

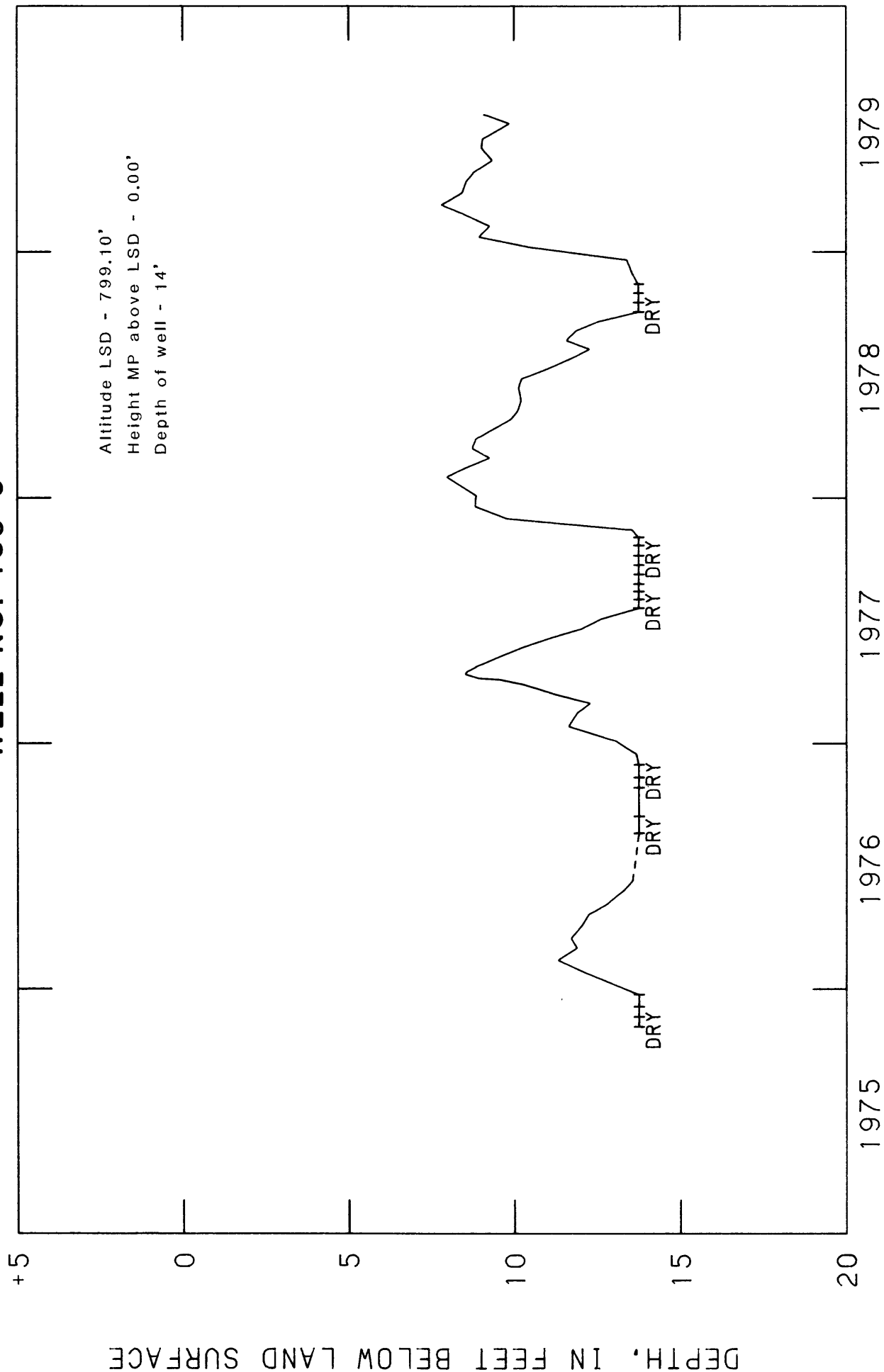


WELL NO. T83-2



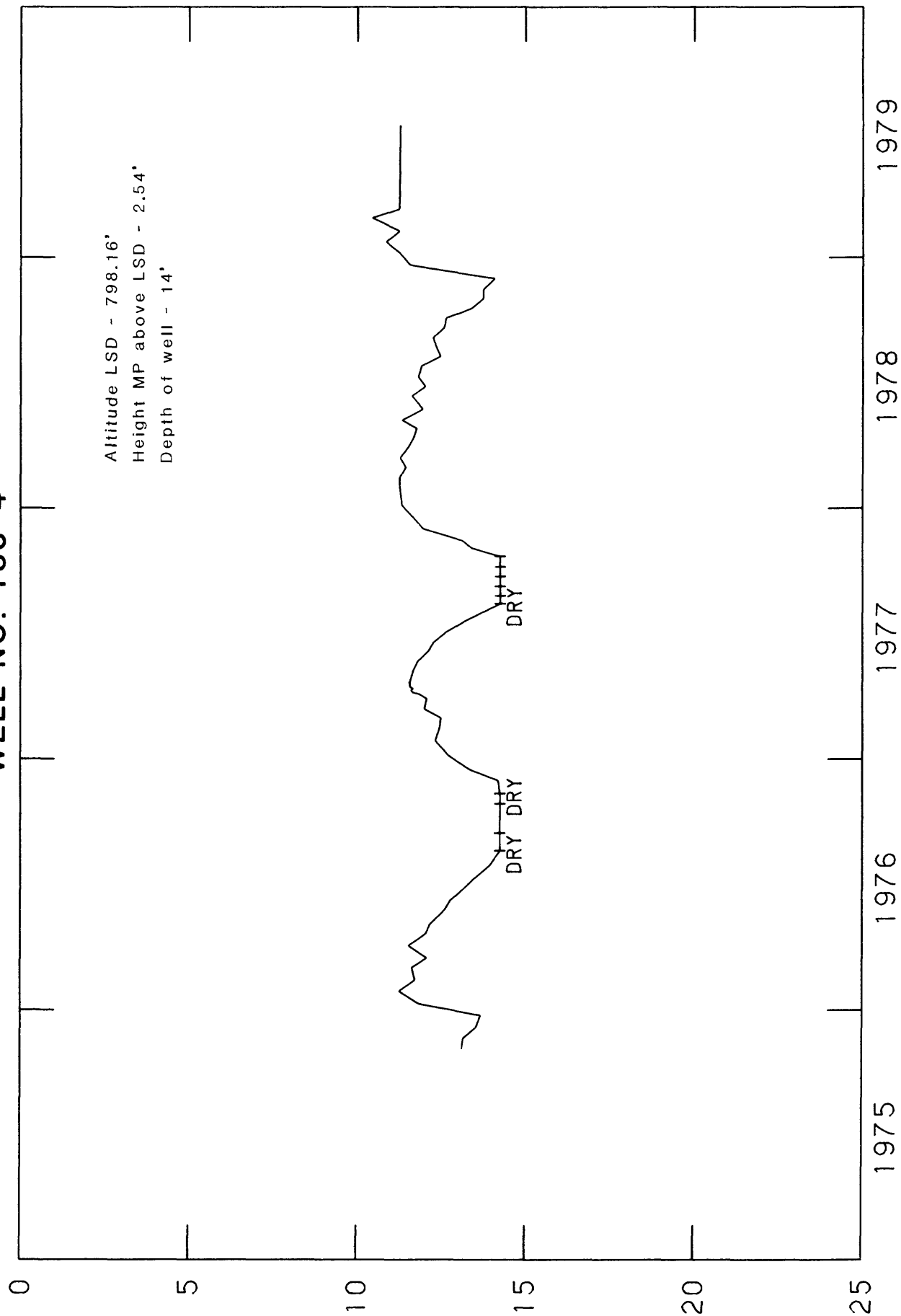
DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T83-3



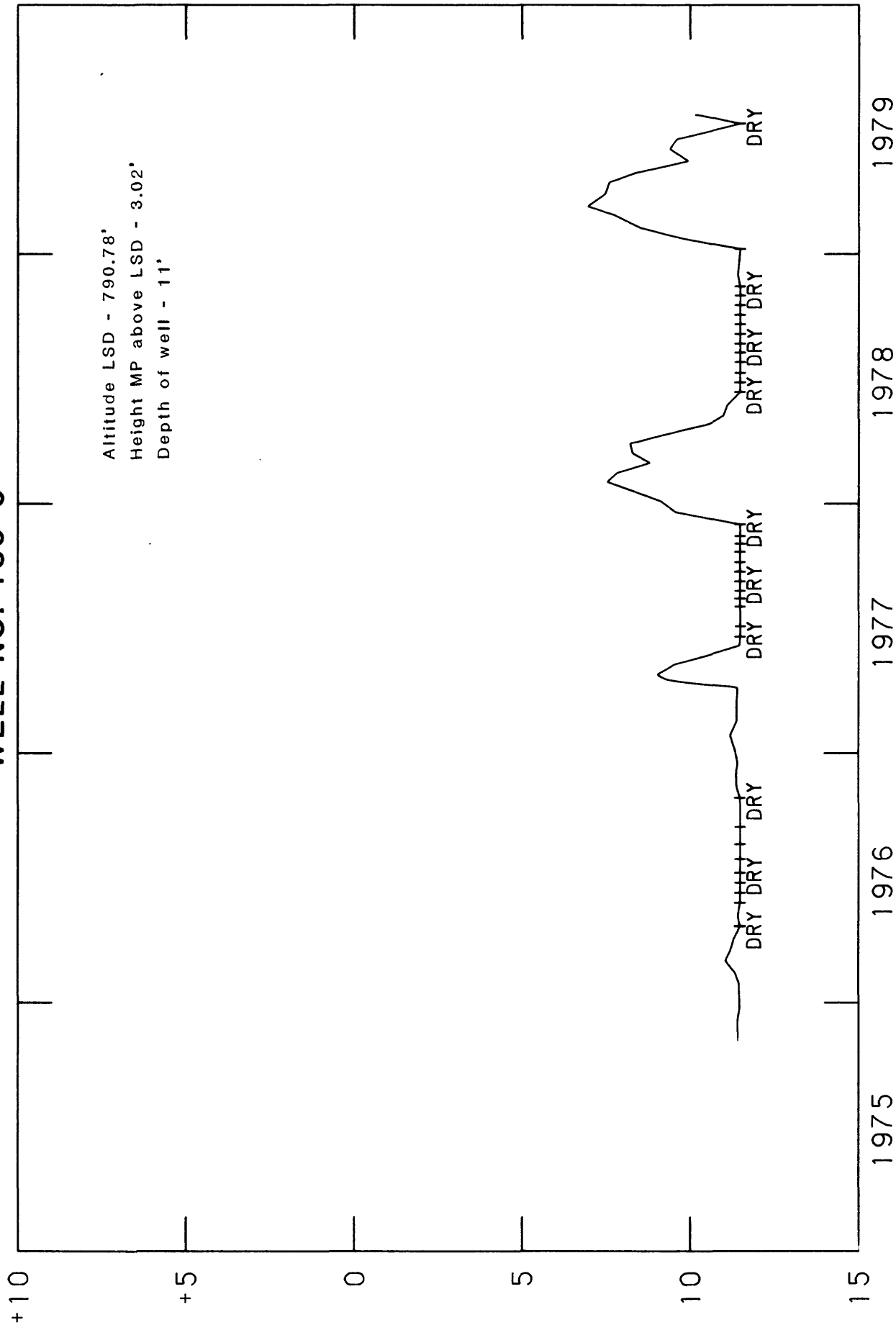
WELL NO. T83-4

Altitude LSD - 798.16'
Height MP above LSD - 2.54'
Depth of well - 14'



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T83-5



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T105-1

Altitude LSD - 808.60'
Height MP above LSD - 0.00'
Depth of well - 14'

+5

0

5

10

15

20

DEPTH, IN FEET BELOW LAND SURFACE

1975

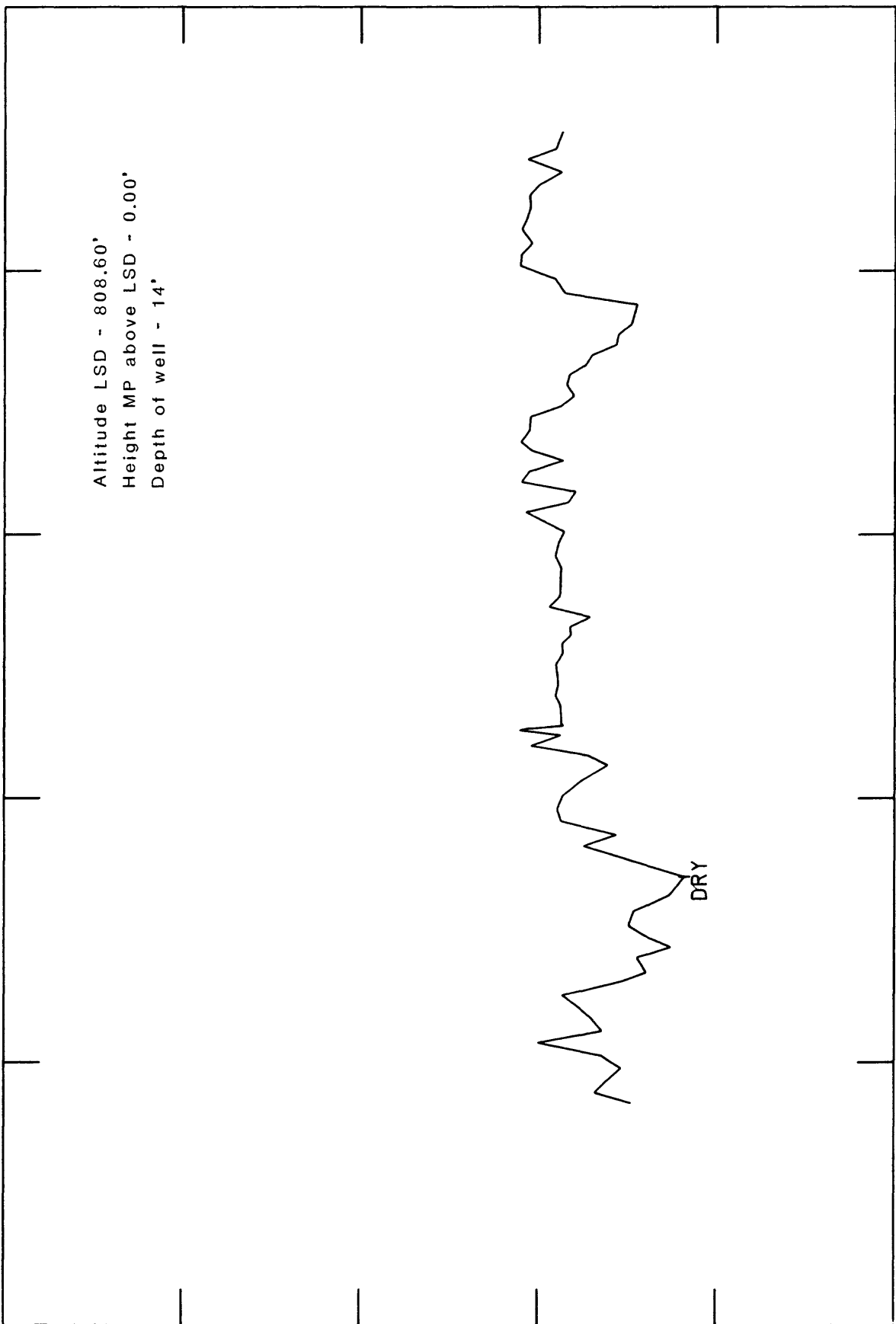
1976

1977

1978

1979

DRY



WELL NO. T105-2

Altitude LSD - 806.60'
Height MP above LSD - 0.00'
Depth of well - 15'

0
5
10
15
20
25

DEPTH, IN FEET BELOW LAND SURFACE

130

DRY

1975

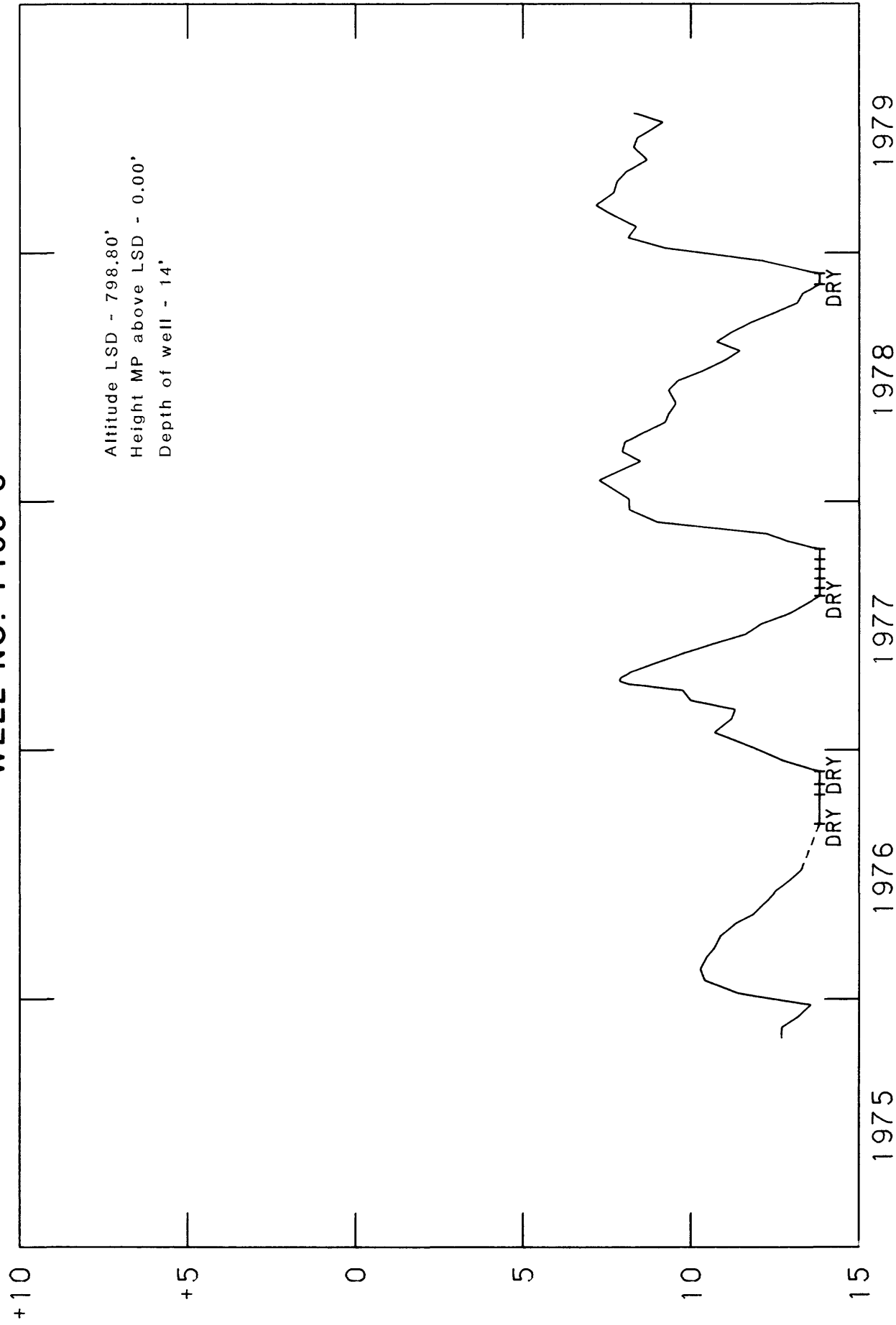
1976

1977

1978

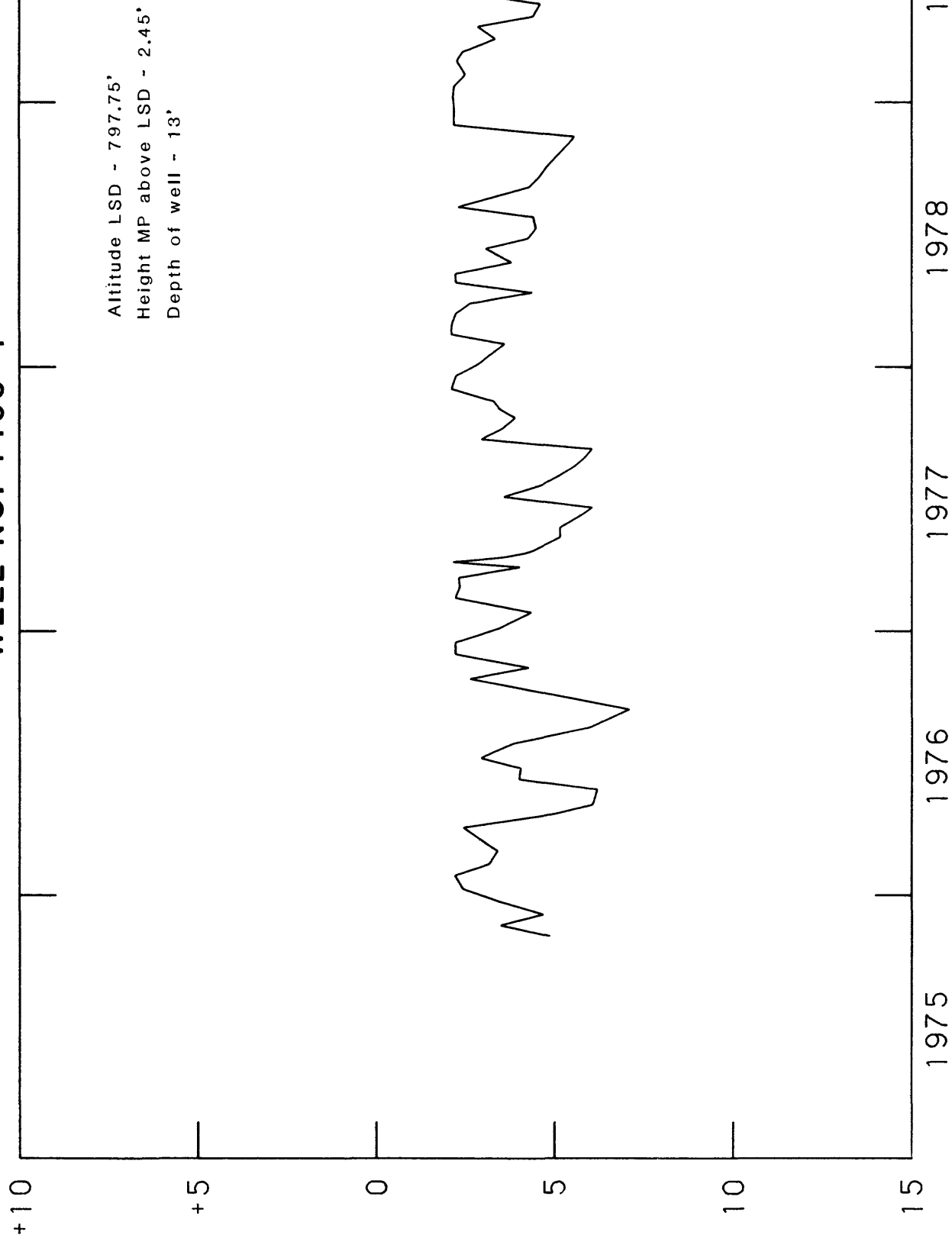
1979

WELL NO. T105-3



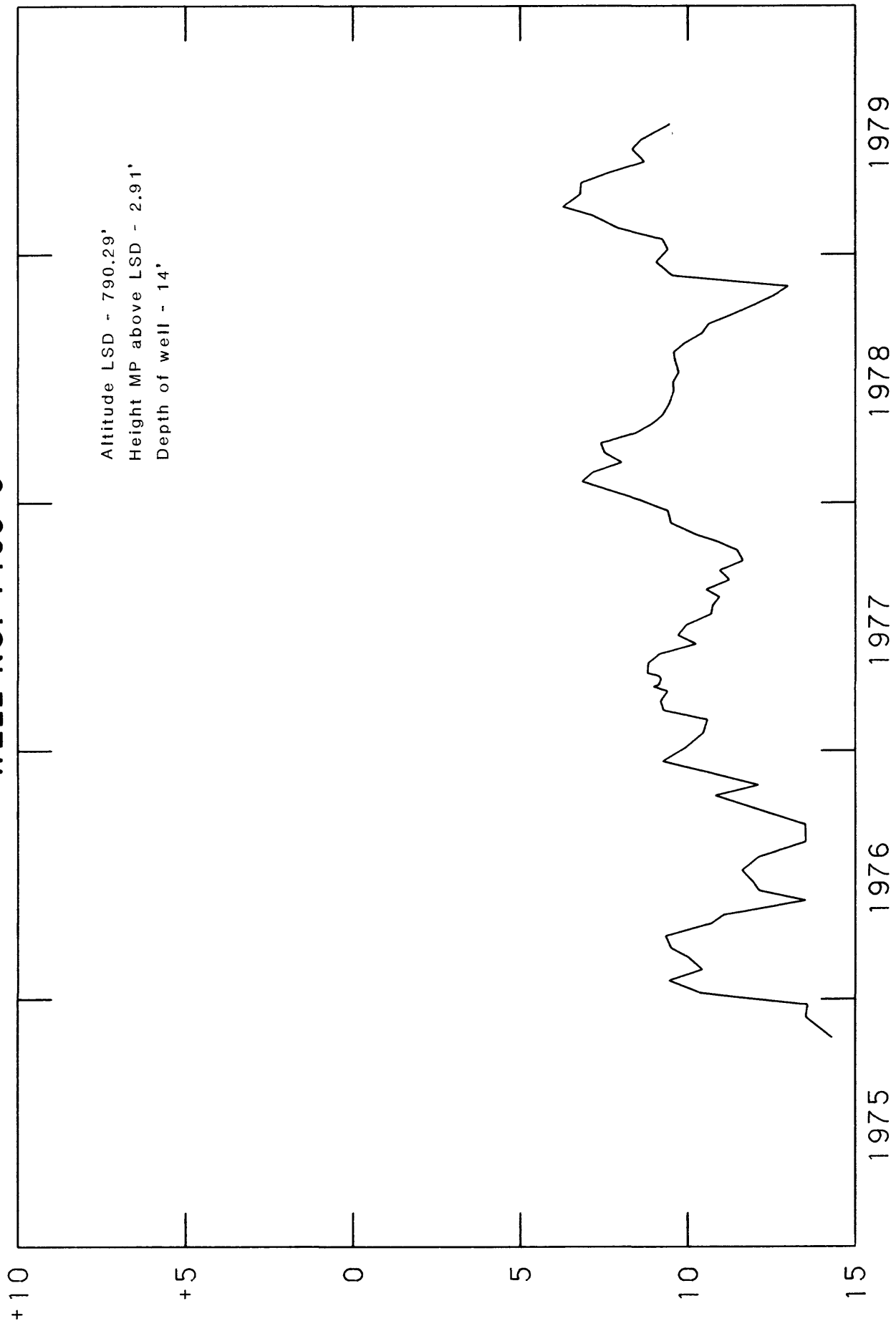
DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T105-4



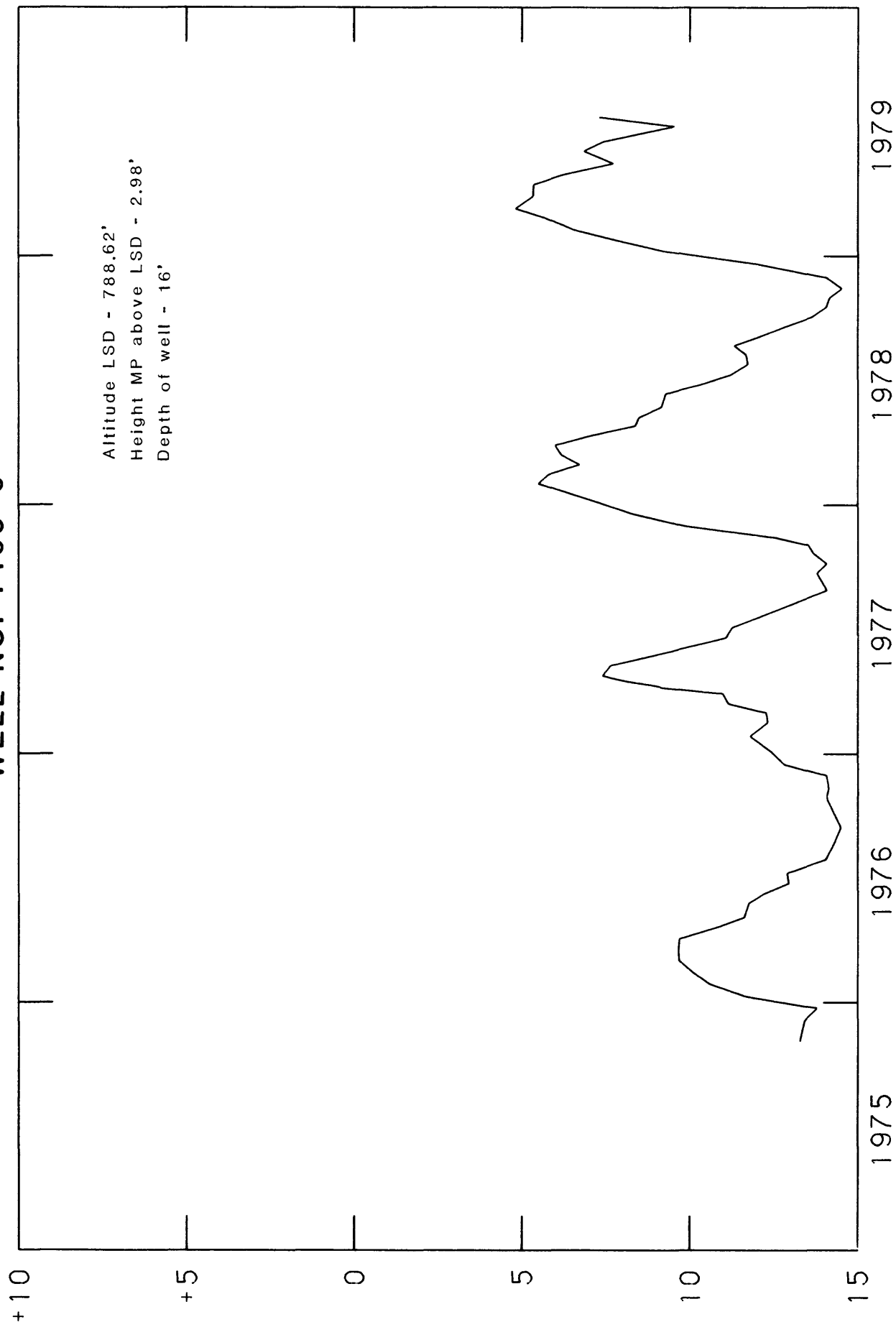
DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T105-5



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T105-6



DEPTH, IN FEET BELOW LAND SURFACE

WELL NO. T117-1

Altitude LSD - 778.36'
Height MP above LSD - 2.24'
Depth of well - 7'

