UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
GROUND WATER BRANCH

RECORDS OF WELLS AND WATER-LEVEL FLUCTUATIONS, IN THE ABERDEEN-SPRINGFIELD AREA, BINGHAM AND POWER COUNTIES, IDAHO IN 1958

By

Harold G. Sisco

Prepared in cooperation with the Idaho Department of Reclamation, George Carter, State Reclamation Engineer, and with Idaho Water District 36, Lynn Crandall, Watermaster.

Open-file Report

Boise, Idaho
1959

59-133

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RECORDS OF WELLS AND WATER-LEVEL FLUCTUATIONS IN THE ABERDEEN-SPRINGFIELD AREA, BINGHAM AND POWER COUNTIES, IDAHO IN 1958

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INTRODUCTION

This report contains records of wells and water-level fluctuations in the Aberdeen-Springfield area in Bingham and Power counties, Idaho for the calendar year 1958. It is the seventh in a series[1/] of annual reports covering the area.

Spirit-leveling to three additional wells was done during the year by the U. S. Bureau of Reclamation.

1/ Shuter, Eugene, 1953, Records of wells and water-level fluctuations in western Bingham County, Idaho: U. S. Geol. Survey mimeo. report, 97 p., 1 fig., 1 pl.

Sisco, Harold G., 1954, Records of wells, water-level fluctuations, and ground-water withdrawals in the Aberdeen-Springfield area, Bingham and Power counties, Idaho: U. S. Geol. Survey mimeo. report, 50 p., 1 fig., 1 pl.

Sisco, Harold G., 1955, Records of wells and water-level fluctuations, in the Aberdeen-Springfield area, Bingham and Power counties, Idaho, in 1954. U. S. Geol. Survey mimeo. report, 30 p., 3 fig., 1 pl.

Sisco, Harold G., 1956, Water levels in observation wells in the Aberdeen-Springfield area, Bingham and Power counties, Idaho, in 1955. U. S. Geol. Survey mimeo. report, 32 p., 3 fig., 1 pl.

Sisco, Harold G., 1958, Records of wells and water-level fluctuations, in the Aberdeen-Springfield area, Bingham and Power counties, Idaho, in 1956. U. S. Geol. Survey mimeo. report, 39 p., 3 fig., 1 pl.

Sisco, Harold G., 1958, Records of wells and water-level fluctuations, in the Aberdeen-Springfield area, Bingham and Power counties, Idaho, in 1957. U. S. Geol. Survey mimeo. report, 51 p., 3 fig., 1 pl.

(page 3 follows)

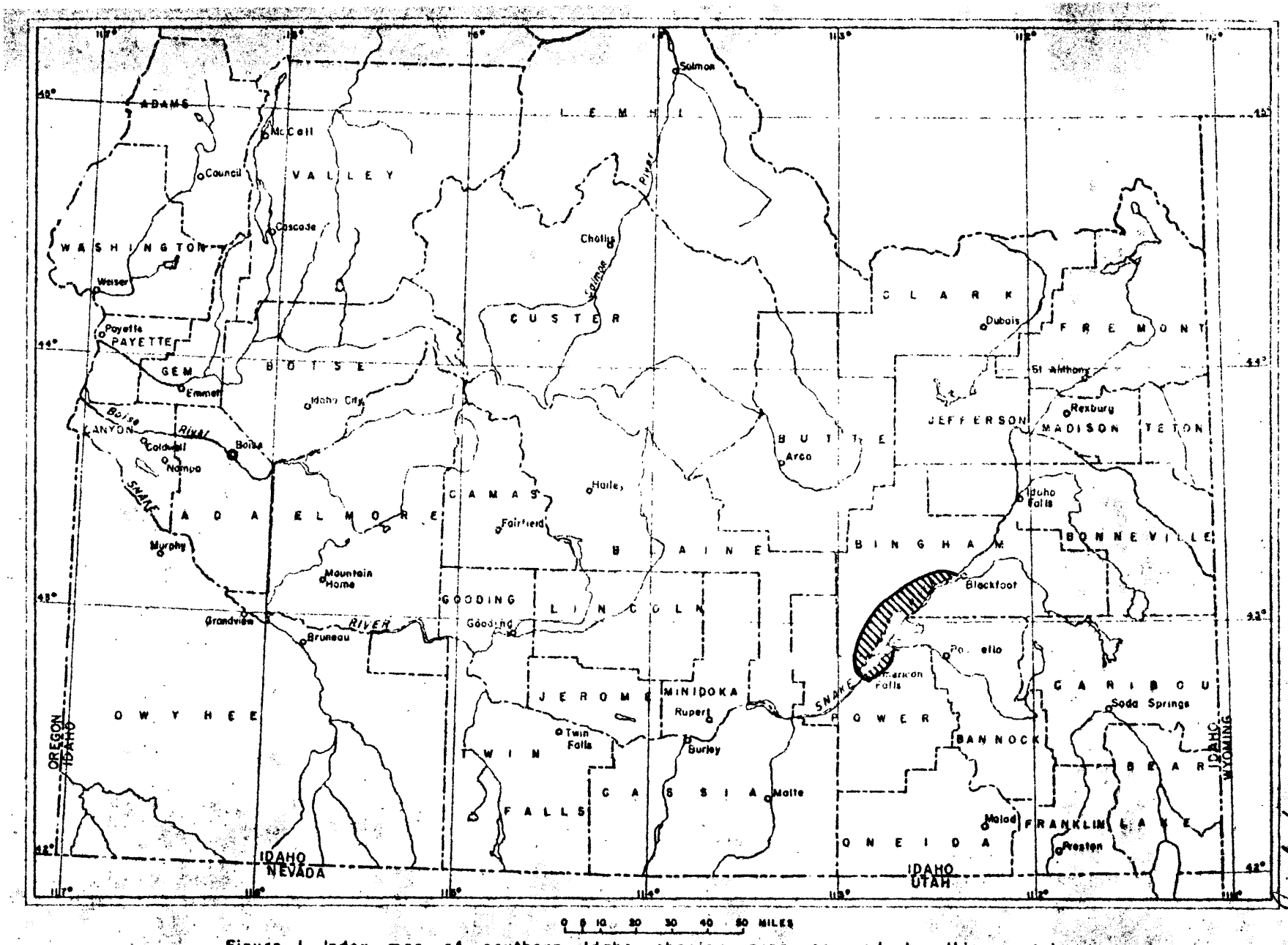
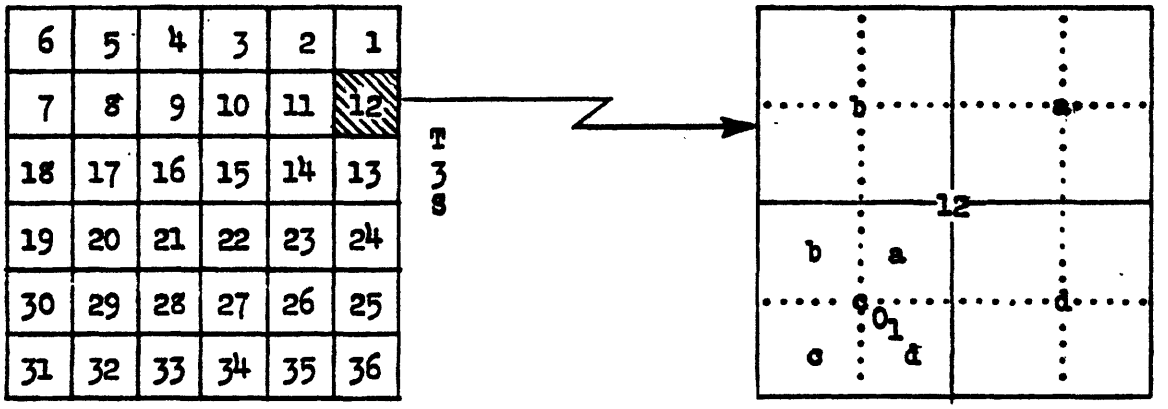


Figure 1. Index map of southern Idaho showing area covered by this report

(page 5 follows)

WELL-NUMBERING SYSTEM

The well-numbering system used in Idaho indicates the locations of wells within the official rectangular subdivisions of the public lands, with reference to the Boise baseline and meridian. The first two segments of a number designate the township and range. The third segment gives the section and is followed by two letters and a numeral, which indicate the quarter section, the 40-acre tract, and the serial number of the well within the tract. Quarter sections are lettered a, b, c and d in counterclockwise order, from the northeast quarter of each section (see diagram). Within the quarter sections 40-acre tracts are lettered in the same manner. Well 3S-32E-12cdl is in the SE¼SW¼ sec. 12, T. 3 S., R. 32 E., and is the well first visited in that tract.



(page 8 follows)

RECORDS OF OBSERVATION WELLS

Table 1 contains information about the locations, ownership, type, depth, use of well, and altitude of land surface. The relation of the measuring point to the land-surface datum is given in the table.

Land-surface datum.—At the time a measuring point is established for a well, the distance of the measuring point, in feet above or below the general natural land surface at the site is measured. This general land surface is designated as a land-surface datum. The land surface may change thereafter, from natural causes or by artificial excavation or fill, but the designated land-surface datum remains unchanged and water levels continue to be reported with reference to that datum.

Measuring point.—A measuring point is a well-defined, fixed point over a well, such as the top of the casing or the base of a pump, from which measurements of the depth to water can be made conveniently.

Altitude.—All altitudes are distances in feet as established by third-order leveling from bench marks established by the United States Coast and Geodetic Survey preliminary mean sea-level datum of 1929.

Table 1.—Records of observation wells in

Abbreviations:
Depth of well: R, reported depth below land surface; not verified by measurement.
Type of pump: J, jet; L, lift; N, no pump; T, shaft turbine.
Use of well: D, domestic; I, irrigation; O, observation; S, stock.

Well number	Owner	Year drilled	Depth in feet below land surface	Casing		Type of pump
				Diameter (inches)	Depth (feet)	
BINGHAM COUNTY						
2S-34E-33bb1	Fred Serr	1928	40	6	5	L
3S-33E-14bb1	F. J. Webb	1949	R 50	6	3	L
22cd1	G. R. Atwood	-	50	6	-	L
3S-34E- 8ba1	Heber M. Fackrell (formerly Glen Crouch)	1905	37	7	5	N
19cd1	Herb Strow	1937	R 55	6	-	L
4S-31E-22cd1	Sam Heany	-	59	6	-	N
36ba1	Eldridge (test well)	-	6	2	6	N
4S-32E- 9dc1	Bob Chandler	1921	105	6	105	J
12dd1	Robert Houghland	-	39	4	-	N
24cb1	Crystal Springs Trout Farm	-	9	6	-	L
28cc2	O. E. Nelson	1911	9	6	-	N
4S-33E- 1bc1	Herbert Crumley	1940	47	6	6	L
15bb2	Gerald C. Kinney	1951	48	16	-	T
22cb1	Josephine Shelman	1946	34	14	22	T
4S-34E- 5cc1	U. S. Geological Survey	1955	30	6	31	N
5S-31E- 4da1	Ernest Underwood	1950	81	8	8	J
19dd1	Don Dancliff	-	61	-	-	J
27ab1	H. L. Lowe	1920	46	16	20	N
33bd1	H. L. Lowe	1912	36	6	36	N
35aa1	Maril Beck	1912	61	6	10	L
5S-32E- 6dd1	Dayton Martin	-	21	6	-	L
7cc1	Aberdeen Springfield Canal Co.	-	4	2	4	N
6S-31E- 7ba1	Aberdeen Airport	-	97	8	-	T
11bc1	Ed Philips	-	54	6	-	N
16ba1	Aberdeen Springfield Canal Co.	-	134	12	-	N

western Bingham and Power Counties, Idaho

Conventions:

Altitude: All altitudes are given to the nearest one-tenth of a foot

Use of well	Description of measuring point	Measuring point above or below land-surface datum (feet)	Altitude of land surface datum
O	¼-in. tap hole in pump base	1.5	4,456.9
O	Hole in N side pump stand	1.6	4,462.2
S,O	Bottom of pump base N side	1.2	4,459.6
D,O	Top of casing E side to Aug. 26-58 from Aug. 26-58 top of casing S side	0.2 0.8	4,447.5
O	Top of casing E side	0.0	4,462.8
O	Top of casing S side	0.5	4,442.6
O	Top of 2-in. pipe	1.2	4,405.1
D,O	Hole in casing	-5.1	4,438.9
O	Top of casing	0.5	4,410.3
O	Top of casing	0.3	4,383.9
O	Top of concrete	0.0	4,370.3
D,S,O	Bottom edge of pump base N side	-3.1	4,434.3
I,O	1-in. tap hole in pump base	1.0	4,413.0
I,O	Bottom of hole in casing	0.0	4,386.5
O	Top of casing coupling	2.2	
D,S,O	Top of concrete floor NE side	-5.1	4,448.8
D,S,O	Top of edge of 2x6 plank, N side	0.5	4,422.2
O	Top inside edge of casing	0.5	4,399.8
O	Top of casing	0.5	4,399.4
S,O	Top of casing	0.9	4,391.7
O	Bottom edge of pump base	0.6	4,370.8
O	Top of drive pipe	0.8	4,375.3
O	Lower edge of pump base	0.5	4,457.2
O	Top of casing	-9.2	4,467.6
O,I	Top of concrete cribbing 7/8-inch hole SW corner pump base	0.2	

Table 1.—Records of observation wells in western

Well number	Owner	Year drilled	Depth in feet below land surface	Casing		Type of pump
				Diameter (inches)	Depth (feet)	
BINGHAM COUNTY — Continued						
6S-31E-30dal	Barthalama	-	78	7	-	L
POWER COUNTY						
5S-33E-35ccl	U. S. Geological Survey	1955	60	6	60	N
6S-32E-27adl	Mrs. Amelia Jack Tindore	1954	63	6	75	N
6S-33E-20abl	Edna LaVatta Kutch	-	151	5	-	N
7S-30E-12cal	Jess Meadows	-	-	6	-	J
7S-31E-13dcl	Paul Evans	1912	78	5½	-	N

Bingham and Power Counties, Idaho—Continued

Use of well	Description of measuring point	Measuring point above or below land-surface datum (feet)	Altitude of land surface datum
O	Tap hole in pump base	0.5	4,415.01
O	Top of casing N side	2.1	
O	Top of casing N side	2.3	
O	Top of casing S side	0.2	
D,S,O	Top of casing E side	-2.0	4,399.3
O	Top of casing SW side	0.0	

WATER LEVELS IN OBSERVATION WELLS

Depth to water measurements made at approximately monthly intervals represent direct measurements by steel tape. Tabulations of daily water levels represent noon daily readings from recording-gage charts. All measurements reported herein are in feet below the land-surface datum at the well site.

Long term records for two wells, 4S-32E-9dc1 and 5S-31E-35aa1, are illustrated by hydrographs in figures 2 and 3.

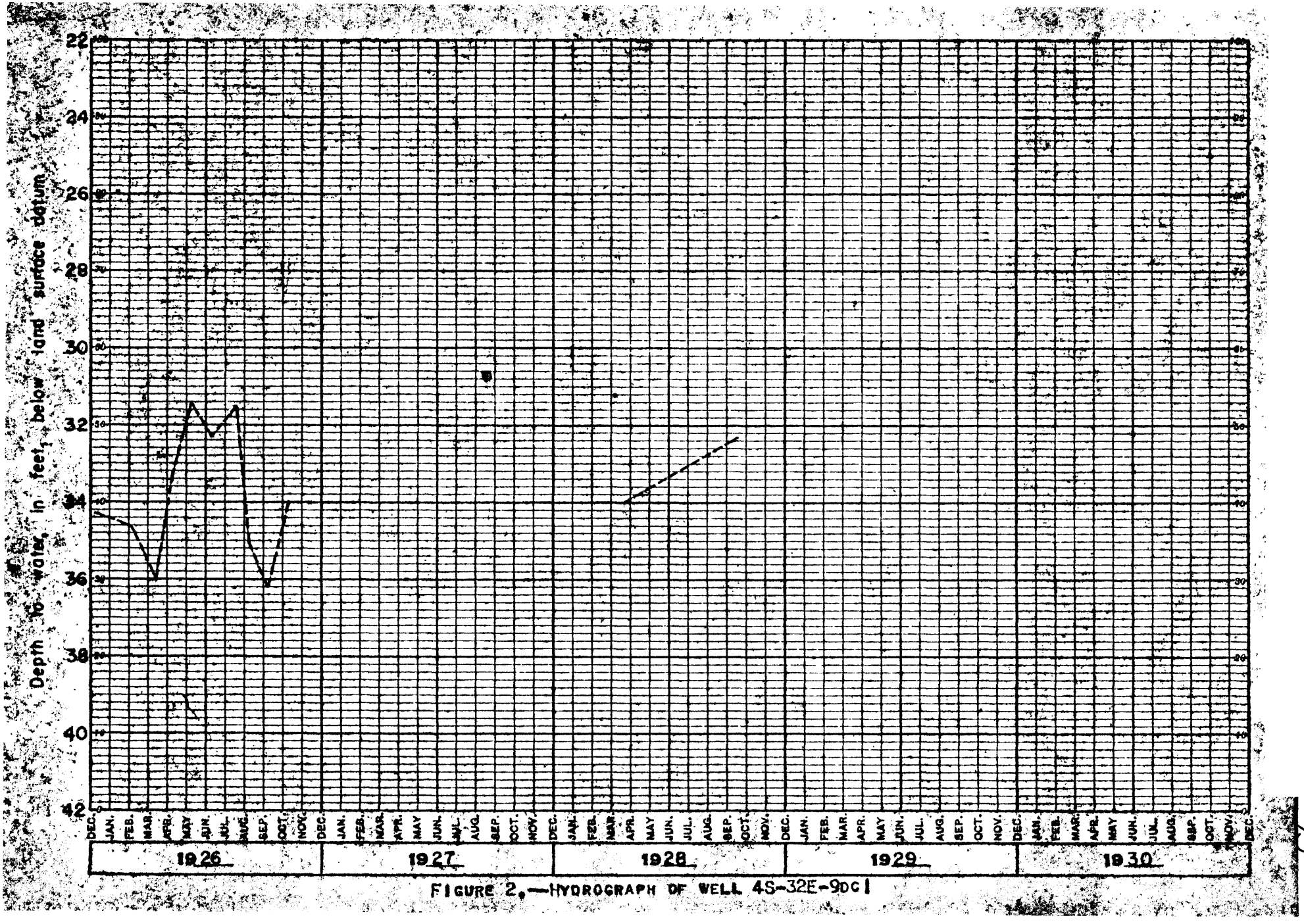
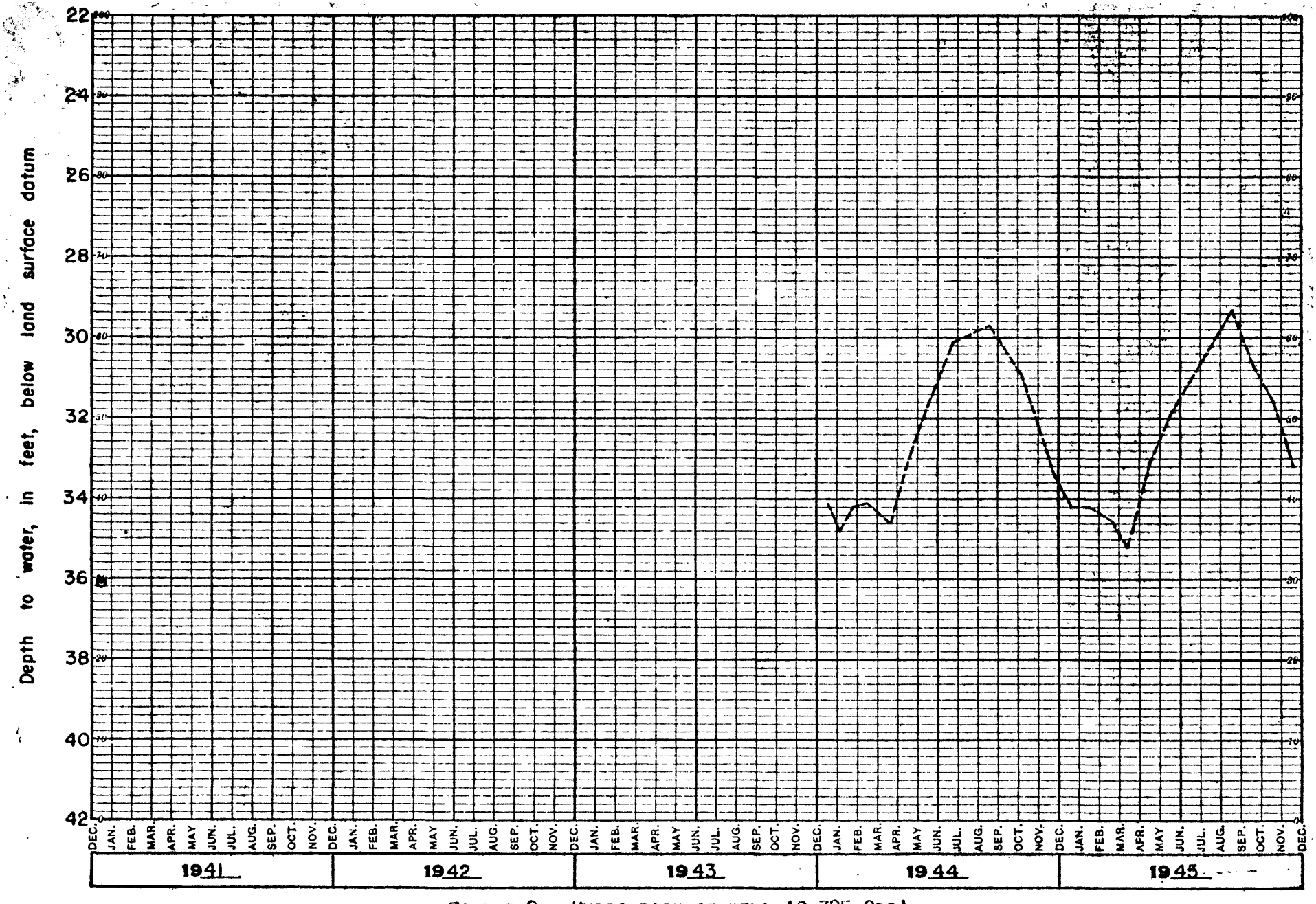


FIGURE 2.—HYDROGRAPH OF WELL 4S-32E-9DC1



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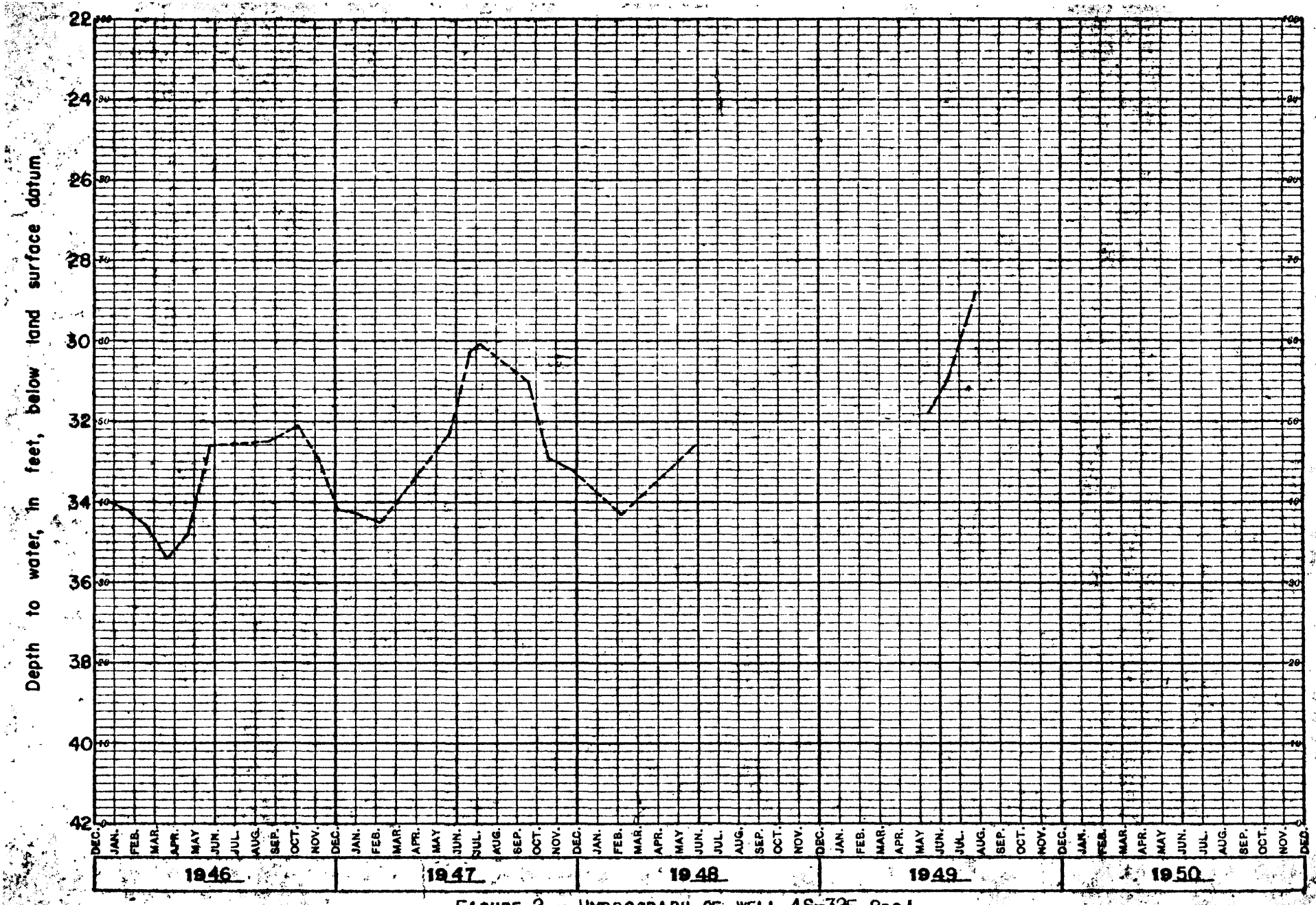

FIGURE 2.—HYDROGRAPH OF WELL 4S-32E-9DC1

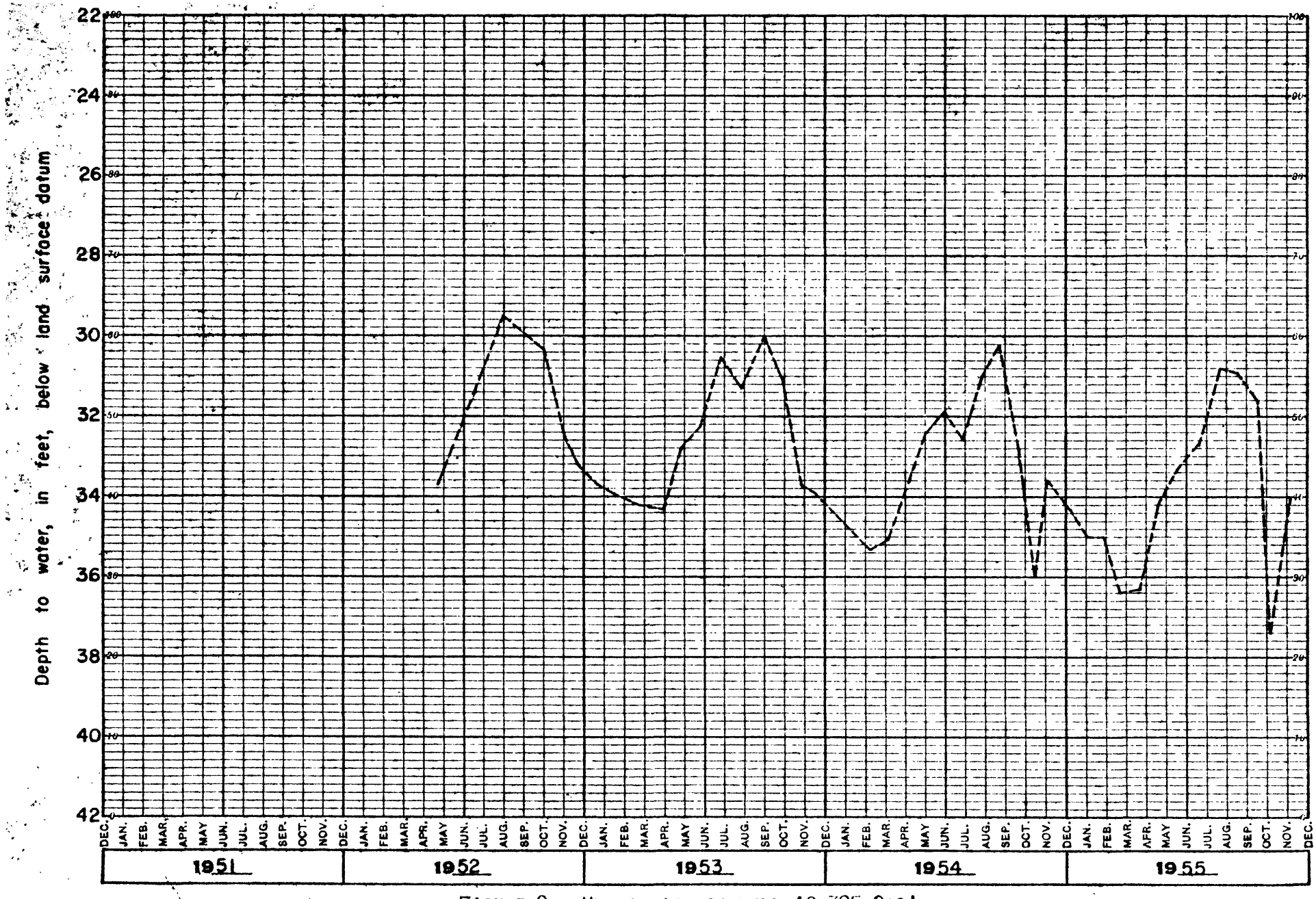

FIGURE 2.—HYDROGRAPH OF WELL 4S-32E-9DC1

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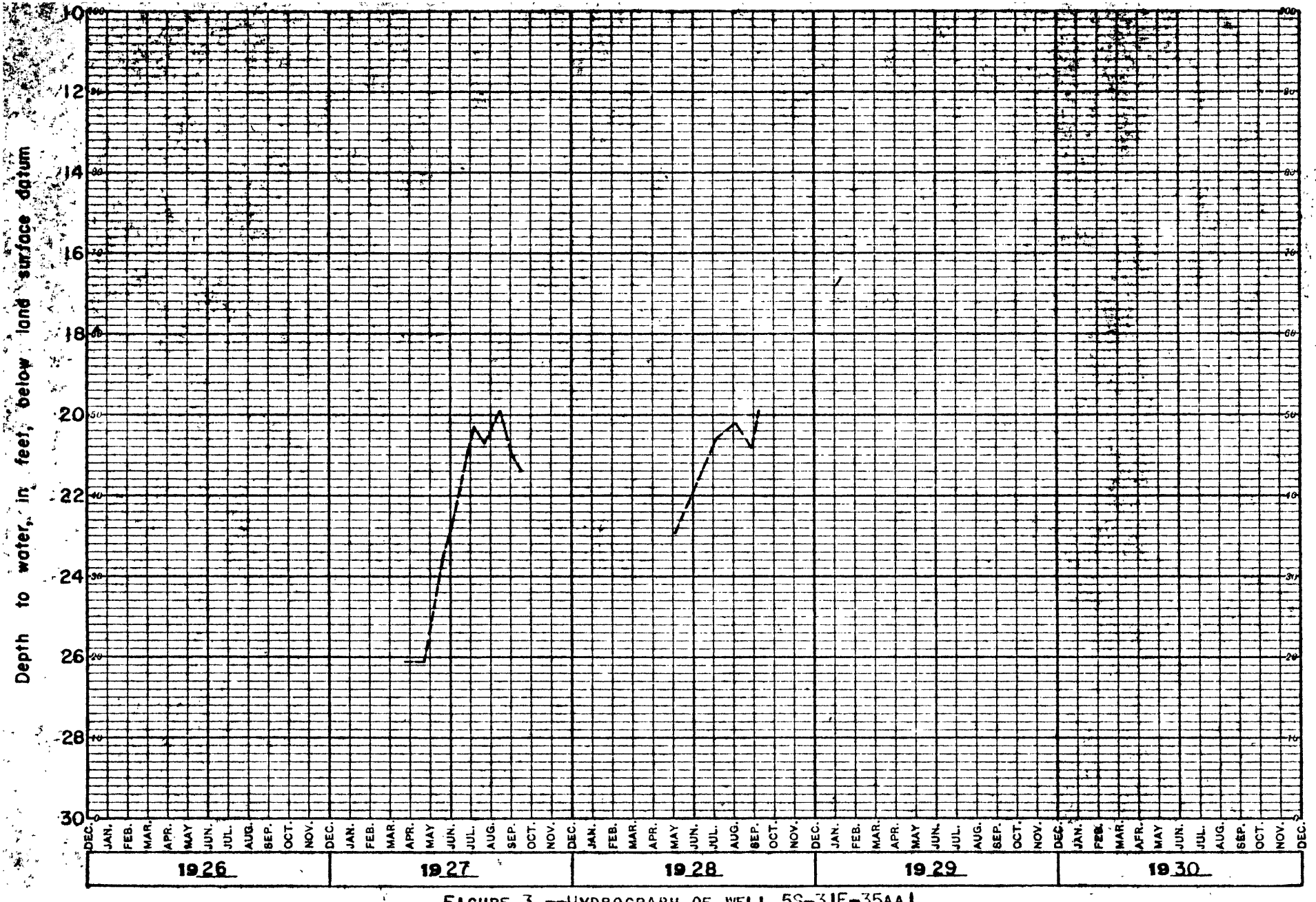

FIGURE 3.—HYDROGRAPH OF WELL 5S-3IE-35AA1

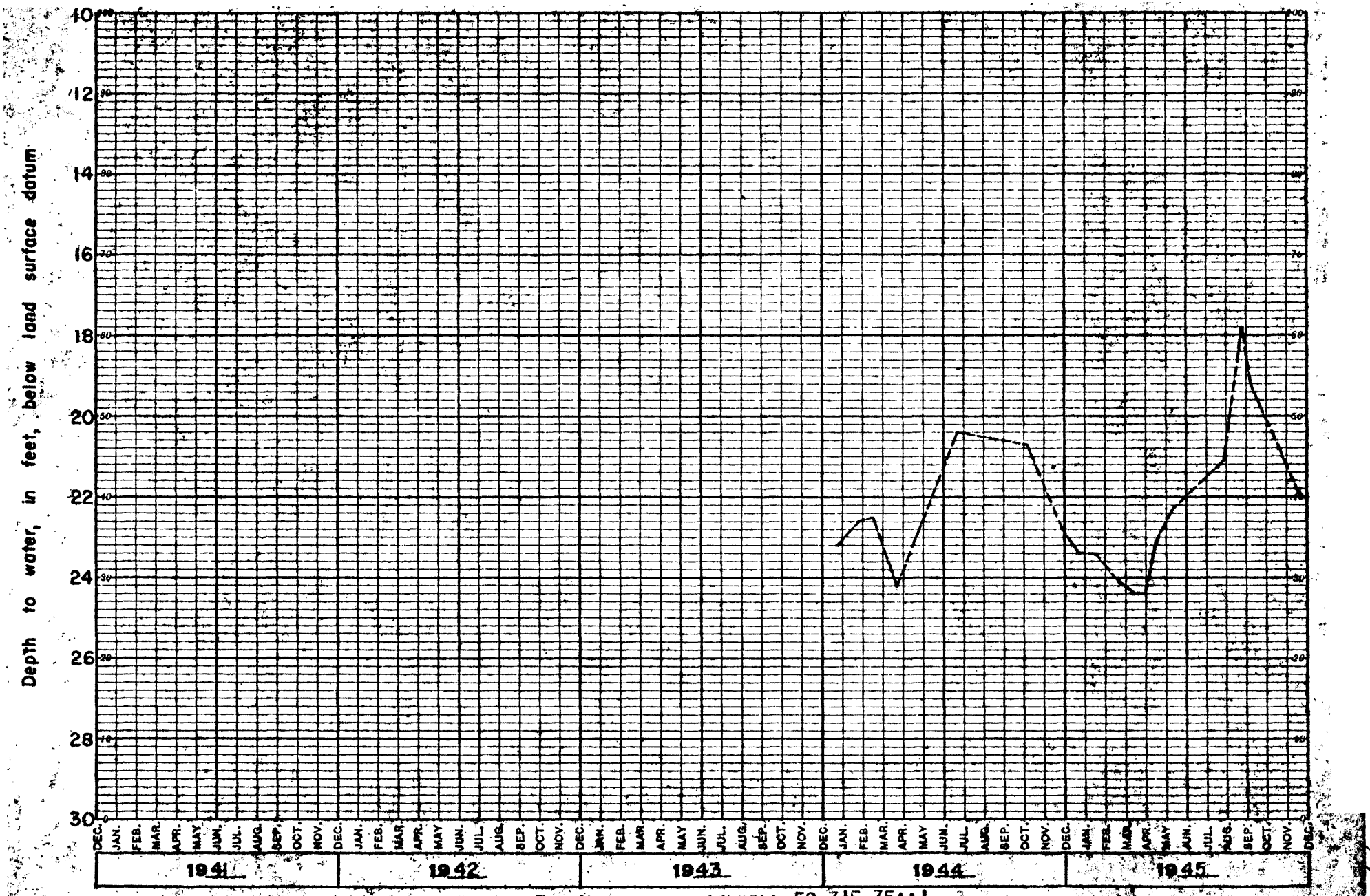

FIGURE 3.—HYDROGRAPH OF WELL 5S-3IE-35AA1

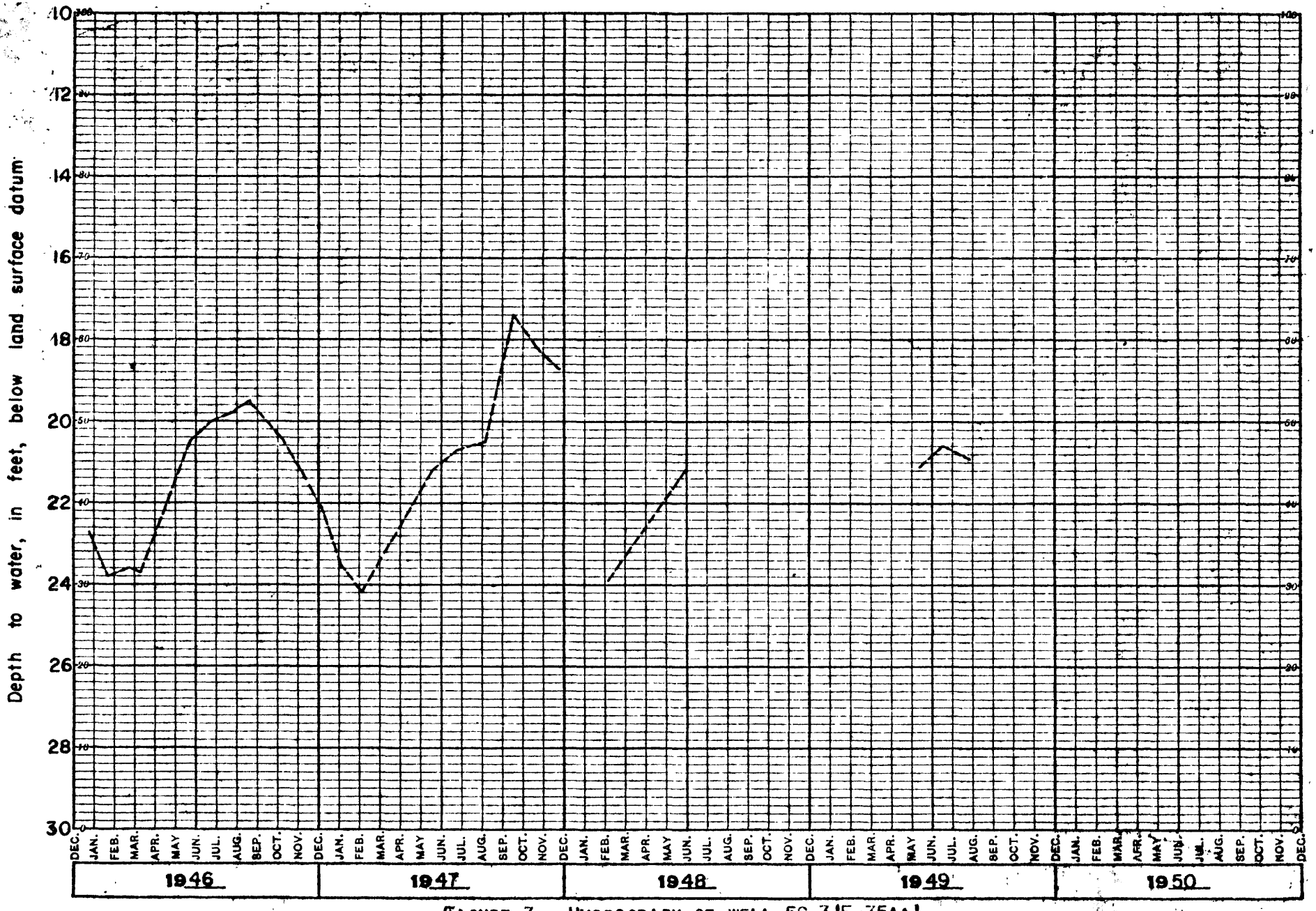

FIGURE 3.--HYDROGRAPH OF WELL 5S-3 1E-35AA 1

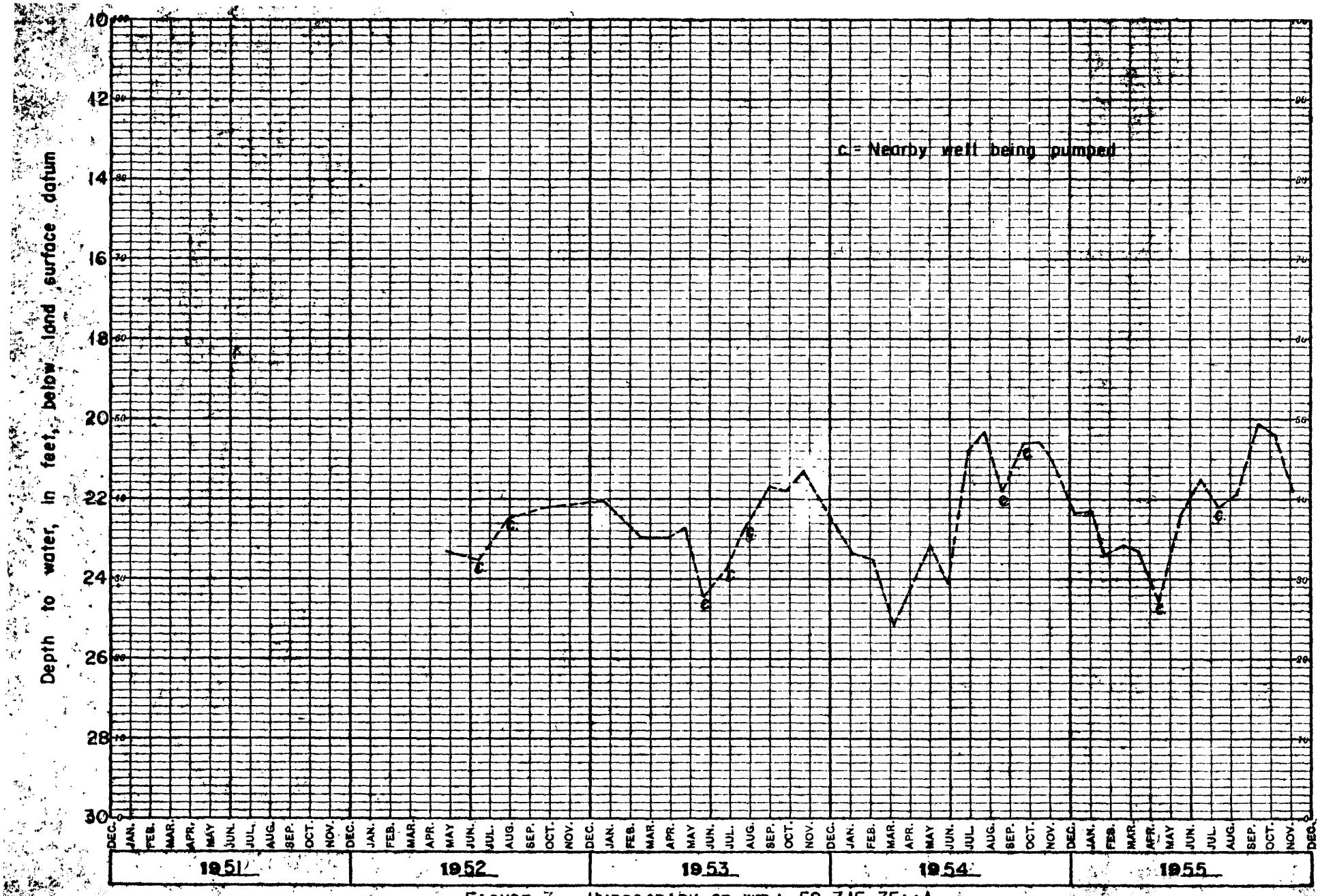

FIGURE 3.—HYDROGRAPH OF WELL 5S-3IE-35AA1

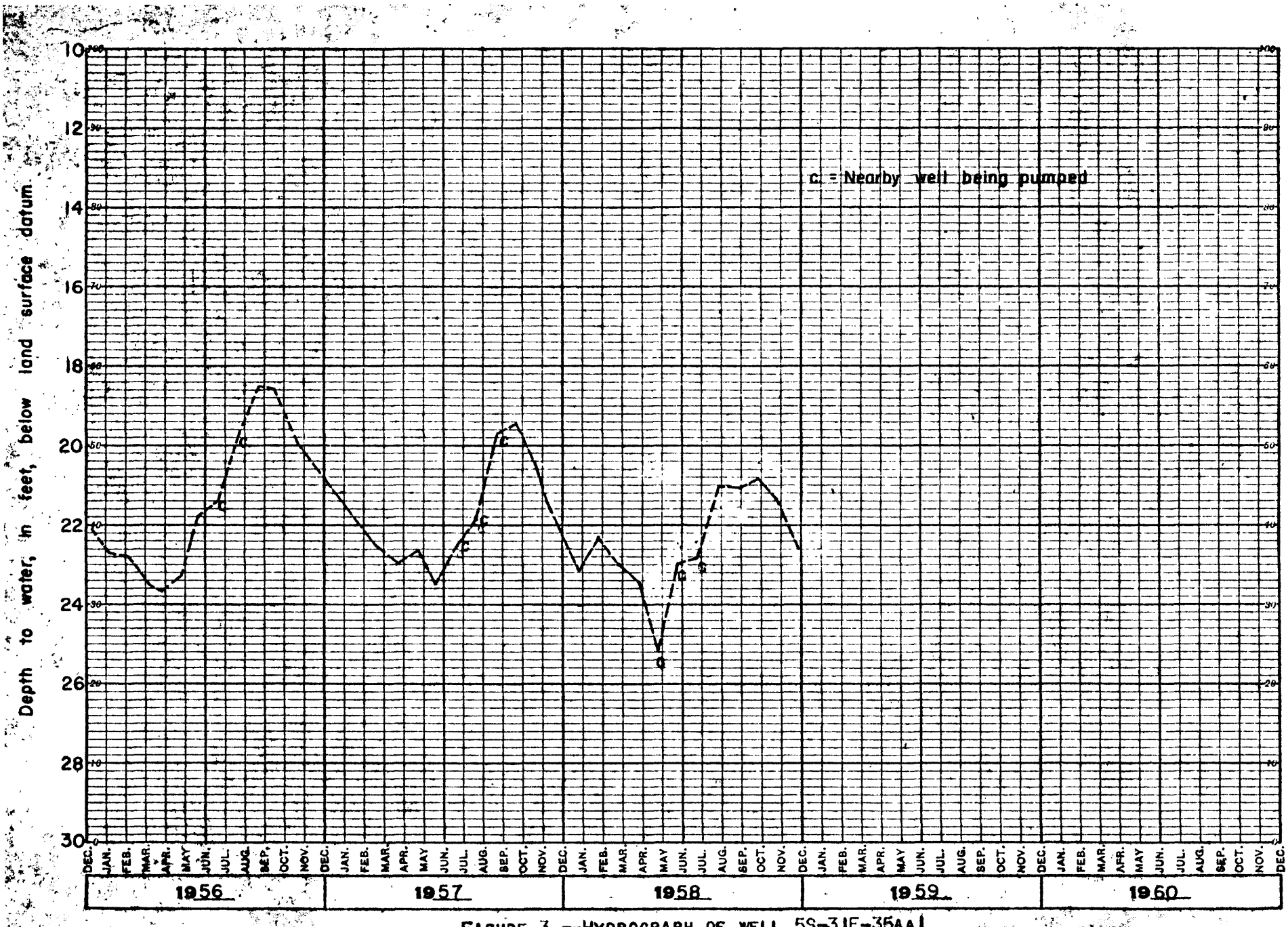

FIGURE 3.—HYDROGRAPH OF WELL 5S-3IE-35AA1

BINGHAM COUNTY

2S-34E-33bb1. Fred Serr

Date	Water level	Date	Water level	Date	Water level
Jan. 28	30.40	May 24	28.33	Sept. 26	26.48
Feb. 27	30.72	June 25	27.12	Oct. 28	28.08
Mar. 26	31.19	July 23	26.24	Nov. 25	29.36
Apr. 24	31.47	Aug. 26	25.79	Dec. 29	30.41

3S-33E-14bb1. F. J. Webb

Jan. 28	39.74	May 24	39.11	Sept. 26	37.20
Feb. 27	39.90	June 25	37.39	Oct. 28	38.29
Mar. 26	40.42	July 23	36.75	Nov. 25	38.98
Apr. 24	40.67	Aug. 26	36.67	Dec. 29	39.84

3S-33E-22cd1. G. R. Atwood

No measurements made in 1958

FORM 9-148 UNITED STATES DEPARTMENT OF THE INTERIOR-GEOLOGICAL SURVEY-WATER RESOURCES DIVISION-GROUND WATER BRANCH

COUNTY BINGHAM WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS STATE IDAHO YEAR 1958

3S-34E-8BA1. HEBER M. FACKRELL FORMERLY GLEN CROUCH. DRILLED UNUSED WATER-TABLE WELL IN SNAKE RIVER BASALT, DIAMETER 7 INCHES, DEPTH 37 FEET, GALVANIZED IRON CASING TO 5. LAND-SURFACE DATUM IS 4,447.5 FEET ABOVE MSL DATUM OF 1929, (PRELIMINARY ADJ.)

Highest water level 14.80 OCT. 4, 1952; lowest 26.40 MAY 4, 1958; Records available 1952-58

(Daily NOON water level IN FEET BELOW LSD, from recorder graph)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24.64	25.45	25.42	25.91	26.23		18.80					
2	24.58	25.28	25.40	25.91	26.30		18.71					
3	24.74	25.17	25.42	25.86	26.38							
4	24.85	25.26	25.43	25.91	26.40							
5	24.91	25.33	25.39	26.07	26.43							
6	24.91	25.48	25.29	26.09	26.32							
7	24.87	25.41	25.45	26.02	26.39							
8	24.71	25.36	25.46	26.09	26.29							
9	24.81	25.42	25.57	26.20	26.24							
10	24.75	25.39	25.62	26.25	26.18							
11	24.77	25.39	25.53	26.29	26.03							
12		25.15	25.55	26.29	25.99							
13		25.14	25.66	26.25	25.86							
14		25.26	25.71	26.23	25.67							
15		25.31	25.62	26.27	25.43							
16		25.31	25.66	26.22	25.15							
17		25.19	25.71	26.26	24.91							
18		25.07	25.84	26.31	24.68							
19		24.99	25.89	26.31	24.42							
20		25.08	25.77	26.29	24.14							
21		25.21	25.70	26.30	23.86							
22		25.20	25.74	26.05	23.59							
23		25.15	25.84	26.18	23.09							
24		25.12	25.84	26.26	22.80							
25		24.95	25.88	26.36	22.34							
26		25.13	25.92	26.29	22.11	18.73						
27		25.28	25.91	26.33		18.53						
28		25.36	25.80	26.36		18.75						
29	25.20		25.92	26.35		18.68						
30	25.16		25.91	26.33		18.98						
31	25.37		25.92									

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3S-34E-8bal. Heber M. Fackrell formerly Glen Crouch

Date	Water level	Date	Water level	Date	Water level
Aug. 26	17.42	Oct. 28	21.88	Dec. 29	25.18
Sept. 26	19.17	Nov. 25	23.80		

3S-34E-19cdl. Herb Strow

Jan. 28	48.30	May 23	45.32	Sept. 26	43.08
Feb. 27	47.77	June 24	42.67	Oct. 28	44.62
Mar. 26	48.69	July 23	42.00	Nov. 25	45.92
Apr. 24	48.73	Aug. 26	42.29	Dec. 29	46.73

4S-31E-22cdl. Sam Heany

Jan. 28	35.90	May 23	36.25	Sept. 27	35.13
Feb. 26	36.06	June 25	36.67	Oct. 28	35.28
Mar. 26	36.47	July 23	35.09	Nov. 25	35.58
Apr. 24	36.73	Aug. 26	34.98	Dec. 29	36.12

4S-31E-36bal. Eldridge Test Well

Jan. 28	Dry	May 23	3.45	Sept. 27	+0.02
Feb. 26	Dry	June 25	0.35	Oct. 28	2.27
Mar. 26	Dry	July 23	+0.24	Nov. 25	4.57
Apr. 24	Dry	Aug. 26	+0.30	Dec. 29	Dry

FORM 9-147

UNITED STATES DEPARTMENT OF THE INTERIOR-GEOLOGICAL SURVEY-WATER RESOURCES DIVISION-GROUND WATER BRANCH

COUNTY Bingham WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS STATE Idaho YEAR 1958

43-32E-12dd1. Robert Houghland. Drilled unused water-table well, diameter 4 inches, depth 39 feet. Land-surface datum is 4,410.3 feet above MSL datum of 1929. (Preliminary adj.)

Highest water level 14.92 Oct. 3, 1957; lowest 21.66 Apr. 28-30, 1958; Records available 1952-58

(Daily Noon water level IN FEET BELOW LSD. from recorder graph)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		21.00	20.80	21.25	21.59		15.98					
2		20.90	20.79	21.26	21.61		15.96					
3		20.81	20.80	21.22	21.62		16.04					
4		20.85	20.81	21.25	21.60		16.09					
5		20.89	20.78	21.38	21.50		16.07					
6		20.89	20.76	21.39	21.37		16.00					
7		20.91	20.81	21.35	21.37		15.91					
8		20.84	20.83	21.40	21.29		16.00					
9		20.81	20.92	21.49	21.17		15.94					
10		20.77	20.97	21.54	21.03		15.95					
11		20.77	20.90	21.57	20.81		15.92					
12		20.65	20.91	21.57	20.65		15.86					
13		20.61	21.00	21.55	20.59		15.76					
14		20.72	21.04	21.55	20.47		15.82					
15		20.76	20.98	21.55	20.28		15.77					
16		20.68	21.01	21.55	19.93		15.66					
17		20.64	21.04	21.56	19.72		15.69					
18		20.61	21.14	21.61	19.55		15.66					
19		20.58	21.19	21.62	19.41		15.72					
20		20.64	21.12	21.61	19.28		15.77					
21		20.67	21.05	21.61	19.17		15.82					
22		20.71	21.06	21.44	19.04		15.70					
23		20.68	21.13	21.54	18.99							
24		20.64	21.13	21.59	18.83							
25		20.51	21.17	21.65	18.74							
26		20.62	21.28	21.60	18.59	16.43						
27		20.58	21.27	21.63	18.46	16.22						
28		20.74	21.18	21.66	18.33	16.28						
29	20.88		21.26	21.66	18.12	16.06						
30	20.80		21.25	21.66	18.05	16.08						
31	20.94		21.27		17.92							

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4S-32E-9dc1. Bob Chandler

Date	Water level	Date	Water level	Date	Water level
Jan. 28	34.76	May 23	33.40	Sept. 27	31.29
Feb. 26	34.78	June 25	32.68	Oct. 28	b 35.52
Mar. 26	35.20	July 23	31.05	Nov. 25	34.65
Apr. 24	35.39	Aug. 26	30.20	Dec. 29	35.28

4S-32E-12dd1. Robert Houghland

Aug. 26	16.20	Oct. 28	18.56
Sept. 27	17.27	Nov. 29	Measurements discontinued

4S-32E-24cb1. Crystal Springs Trout Farm

Jan. 28	5.62	May 23	4.47	Sept. 27	4.41
Feb. 26	5.07	June 25	4.13	Nov. 25	5.12
Mar. 26	5.02	July 23	3.92	Dec. 29	5.53
Apr. 24	5.39	Aug. 26	4.08		

4S-32E-28cc2. O. E. Nelson

Feb. 26	5.02	Mar. 26	4.93

b Pumped recently

4S-33E-1bc1. Herbert Crumley

Date	Water level	Date	Water level	Date	Water level
Feb. 27	27.66	May 23	26.94	Aug. 26	24.20
Mar. 26	a 28.23	June 25	24.75	Sept. 27	25.00
Apr. 24	28.28	July 23	24.98	Oct. 28	26.42

4S-33E-15bb2. Gerald C. Kinney

Jan. 28	30.81	May 23	a 32.64	Sept. 27	a 30.22
Feb. 27	30.53	June 25	a 30.70	Oct. 28	28.05
Mar. 26	31.05	July 23	a 31.23	Nov. 25	29.94
Apr. 24	31.27	Aug. 26	a 30.55	Dec. 29	30.80

4S-33E-22cb1. Josephine Shelman

Jan. 28	24.81	May 23	a 27.57	Sept. 27	24.06
Feb. 27	24.61	June 25	a 26.08	Oct. 28	23.98
Mar. 26	24.88	July 23	a 28.62	Nov. 25	24.29
Apr. 24	24.67	Aug. 26	24.32	Dec. 29	24.88

4S-34E-5cc1. U. S. Geological Survey

Jan. 28	3.88	May 24	4.15	Sept. 26	3.82
Feb. 27	3.77	June 25	4.26	Oct. 29	3.52
Mar. 27	3.80	July 23	4.75	Nov. 25	3.52
Apr. 24	3.73	Aug. 26	4.44	Dec. 29	3.79

a Pumping.

5S-31E-4dal. Ernest Underwood

Date	Water level	Date	Water level	Date	Water level
Jan. 28	a 48.40	May 23	48.27	Sept. 27	47.27
Feb. 26	48.22	June 24	a 52.08	Oct. 28	b 47.92
Mar. 26	48.72	July 22	50.98	Nov. 25	47.94
Apr. 24	49.07	Aug. 26	46.86	Dec. 29	48.49

5S-31E-19ddl. Don Dancliff

Jan. 27	41.60	May 23	41.42	Sept. 27	40.95
Feb. 26	41.52	June 24	41.89	Oct. 28	41.25
Mar. 25	41.84	July 22	40.60	Nov. 25	41.59
Apr. 24	42.09	Aug. 26	40.52	Dec. 29	42.00

a Pumping
b Pumped recently

Form 9-237

F UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION - GROUND WATER BRANCH

COUNTY BINGHAM WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS STATE IDAHO YEAR 1958

5S-31E-27AB1. H. L. LOVE. DRILLED UNUSED WATER-TABLE WELL IN SNAKE RIVER BASALT, DIAMETER 16 TO 12 INCHES, DEPTH 46 FEET, CASED TO 20. MEASUREMENTS PRIOR TO 1952 BY ABERDEEN-SPRINGFIELD CANAL CO. LAND-SURFACE DATUM IS 4,399.8 FEET ABOVE MSL DATUM OF 1929, (PRELIMINARY ADJ.)

Highest water level 10.10 SEPT. 4, 1956; lowest 25.2 MAR. 5, 1949; Records available 1945-49, 1952-58

(Daily NOON water level IN FEET BELOW LSD. from recorder graph)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20.70	22.56	23.06	23.72	24.46	19.53	16.28	13.38	13.29	16.25	16.89	19.46
2	20.79	22.38	23.00	23.77	24.52	19.36	16.10	13.36	13.29	15.31	16.82	19.60
3	20.97	22.33	23.05	23.39	24.66	19.27	15.97	13.36	13.44	15.15	16.90	19.36
4	21.09	22.46	23.06	23.80	24.76	19.21	15.36	13.41	13.88	14.99	16.94	19.38
5	21.16	22.56	22.98	23.98	24.73	19.94	15.78	13.56	13.72	14.88	17.07	19.59
6	21.16	22.72	22.97	23.97	24.79	18.71	15.64	13.56	13.80	14.88	17.20	19.71
7	21.08	22.64	23.10	23.90	24.78	18.63	15.33	13.57	13.76	14.85	17.33	19.71
8	21.09	22.63	23.14	24.01	24.71	18.68	15.21	13.00	13.92	14.79	17.38	19.77
9	21.18	22.70	23.25	24.12	24.54	18.56	14.98	13.86	14.04	14.98	17.38	20.00
10	21.18	22.71	23.25	24.18	24.28	18.40	14.92	13.87	14.12	15.04	17.55	20.12
11	21.32	22.77	23.17	24.19	23.94	18.25	14.90	13.84	14.21	15.11	17.76	20.04
12	21.24	22.57	23.21	24.19	23.74	18.29	14.81	13.84	14.25	15.16	17.80	20.18
13		22.51	23.34	24.15	23.49	18.16	14.70	13.83	14.49	15.31	17.77	20.31
14		22.68	23.39	24.19	23.30	18.01	14.71	13.86	14.63	15.42	17.74	20.43
15		22.76	23.29	24.21	23.14	17.89	14.63	13.81	14.80	15.43	17.78	20.46
16		22.76	23.35	24.19	22.83	17.85	14.46	13.86	14.77	15.46	18.11	20.48
17		22.76	23.40	24.23	22.69	17.90	14.29	13.82		15.34	18.31	20.53
18		22.75	23.56	24.31	22.55	17.77	14.18	13.80		15.21	18.45	20.51
19		22.73	23.60	24.32	22.36	17.76	14.03	13.76	15.03	15.24	18.44	20.61
20		22.83	23.48	24.29	22.13	17.83	13.79	13.77	15.17	15.60	18.64	20.65
21		22.94	23.41	24.32	21.89	17.73	13.56	13.70	14.96	15.66	18.68	20.70
22		22.92	23.48	24.09	21.58	17.65	14.63	13.66	14.79	15.65	18.67	20.79
23		22.87	23.60	24.30	21.44	17.51	13.69	13.64		15.81	18.77	20.90
24		22.85	23.59	24.41	21.31	17.60	13.88			16.02	19.73	20.86
25		22.66	23.64	24.49	21.18	17.34	13.70			16.03	18.96	20.88
26		22.85	23.69	24.41	20.99	17.01	13.72	13.58		16.15	18.91	20.94
27		22.85	23.65	24.60	20.77	16.95	13.66	13.60	15.48	16.31	19.11	21.08
28	22.24	23.02	23.59	24.53	20.52	16.52	13.48	13.64	15.37	16.42	19.30	
29	22.23		23.71	24.54	20.17	16.50	13.50	13.63	15.34	16.[illegible]	19.29	21.36
30	22.24		23.70	24.56	19.97		13.48	13.62	15.49	16.62	19.38	21.30
31	22.48		23.74		19.74		13.42	13.52		16.71		21.33

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5S-31E-33bdl. H. L. Lowe

Date	Water level	Date	Water level	Date	Water level
Jan. 27	17.44	May 23	11.34	Sept. 27	12.58
Feb. 26	17.00	June 24	11.34	Oct. 28	15.25
Mar. 25	17.51	July 22	10.46	Nov. 25	16.70
Apr. 24	17.78	Aug. 26	11.35	Dec. 29	17.37

5S-31E-35aal. Maril Beck

Jan. 27	23.16	May 23	c 25.16	Sept. 27	21.07
Feb. 26	22.27	June 24	c 22.95	Oct. 28	20.83
Mar. 25	23.00	July 22	c 22.86	Nov. 25	21.35
Apr. 24	23.45	Aug. 26	21.04	Dec. 29	22.60

5S-32E-6ddl. Dayton Martin

Jan. 28	5.35	May 23	1.80	Sept. 27	2.90
Feb. 26	2.47	June 24	2.64	Oct. 28	5.41
Mar. 26	2.60	July 23	2.25	Nov. 25	5.55
Apr. 24	2.93	Aug. 26	3.38	Dec. 29	5.83

5S-32E-7ccl. Aberdeen-Springfield Canal Co.

Jan. 28	2.49	May 23	2.35	Sept. 27	2.43
Feb. 26	2.48	June 24	2.33	Oct. 28	2.67
Mar. 26	2.38	July 23	2.38	Nov. 25	2.44
Apr. 24	2.31	Aug. 26	2.40	Dec. 29	2.44

c Nearby well being pumped

6S-31E-7bal. Aberdeen Airport

Date	Water level	Date	Water level	Date	Water level
Jan. 27	80.33	May 23	80.92	Sept. 27	81.53
Feb. 26	80.27	June 24	80.38	Oct. 28	80.60
Mar. 25	80.57	July 22	81.67	Nov. 25	80.55
Apr. 24	80.83	Aug. 26	81.48	Dec. 29	80.87

6S-31E-11bcl. Ed Philips

Jan. 27	32.39	May 23	31.30	Sept. 27	24.87
Feb. 26	32.63	June 24	28.08	Oct. 28	26.61
Mar. 25	33.05	July 22	23.84	Nov. 24	29.06
Apr. 24	33.30	Aug. 26	22.51	Dec. 29	31.15

6S-31E-16bal. Aberdeen-Springfield Canal Co.

Jan. 27	15.68	July 22	a 30.94	Nov. 25	14.87
Feb. 26	15.73	Aug. 26	a 33.42	Dec. 29	15.65
Mar. 25	15.90	Sept. 27	a 36.75		
June 24	12.69	Oct. 28	13.98		

6S-31E-16bal. Barthalama

Jan. 27	50.10	May 23	47.55	Sept. 27	44.97
Feb. 26	49.83	June 24	44.59	Oct. 28	46.33
Mar. 25	50.50	July 22	43.22	Nov. 25	48.37
Apr. 24	50.93	Aug. 25	42.74	Dec. 29	50.89

a Pumping

UNITED STATES DEPARTMENT OF THE INTERIOR-GEOLOGICAL SURVEY-WATER RESOURCES DIVISION-GROUND WATER BRANCH

COUNTY POWER — WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS — STATE IDAHO — YEAR 1968

09-33E-36dc1. U. S. GEOL. SURVEY. DRILLED OBSERVATION WATER-TABLE WELL IN GRAVEL OF QUATERNARY AGE, DIAMETER 6 INCHES, DEPTH 60 FEET, CASED TO 60. OPEN BOTTOM.

Highest water level 22.74 OCT. 2, 1957; lowest 24.13 MAR. 7, 1956; Records available 1965-68

(Daily NOON water level IN FEET BELOW LSD. from recorder graph)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	23.80	24.14	24.13	24.21	24.39	24.24	24.06	23.77	23.64	23.39	23.40	[illegible]
2	23.80	24.08	24.14	24.23	24.42	24.22	24.06	23.77	23.66	23.40	23.38	[illegible]
3	23.84	24.04	24.14	24.22	24.47	24.14	24.09	23.76	23.68	23.40	23.38	[illegible]
4	23.89	24.07	24.14	24.23	24.49	24.19	24.13	23.74	23.66	23.40	23.33	[illegible]
5	23.93	24.08	24.14	24.34	24.46	24.09	24.08	23.74	[illegible]	23.39	23.38	[illegible]
6	23.92	24.15	24.10	24.34	24.44	24.08	24.09	23.74	23.71	23.45	[illegible]	[illegible]
7	23.90	24.12	24.17	24.30	[illegible]	24.09	24.00	23.74	23.65	23.43	[illegible]	[illegible]
8	23.85	24.11	24.17	24.34	[illegible]	24.08	[illegible]	23.75	[illegible]	23.32	[illegible]	[illegible]
9	23.88	24.13	24.21	24.39	[illegible]	24.04	[illegible]	23.78	23.53	[illegible]	23.43	[illegible]
10	23.88	24.13	24.23	[illegible]	24.52	24.07	24.08	23.76	23.53	[illegible]	23.40	[illegible]
11	23.89	24.15	[illegible]	24.42	24.50	24.04	24.08		[illegible]	[illegible]	[illegible]	[illegible]
12		24.10	[illegible]	24.42	[illegible]	24.04	24.04		[illegible]	[illegible]	23.49	[illegible]
13		24.12	24.23	24.41	24.55	24.04	24.03	23.72	23.41	[illegible]	[illegible]	[illegible]
14		24.14	[illegible]	24.41	[illegible]	[illegible]	24.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15		24.16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16		24.09	24.23	24.41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17		24.11	24.23	24.42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18		24.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19		24.09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20		24.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21		24.15	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22		24.15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
29	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]		[illegible]		[illegible]

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UNITED STATES DEPARTMENT OF THE INTERIOR-GEOLOGICAL SURVEY-WATER RESOURCES DIVISION-GROUND WATER BRANCH

COUNTY Power — WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS — STATE IDAHO — YEAR 1955

63-32E-27ad1. U. S. Geol. Survey. Drilled observation water-table well in sand of Quaternary age, diameter 6 inches, depth 63 feet, cased to 73, perforations 63-66, casing filled with sand and gravel from 63-73.

Highest water level 34.37 May 21-25, 1955; lowest 37.87 Dec. 23, 1954; Records available 1954-58

(Daily Noon water level IN FEET BELOW LSD. from recorder graph)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	36.57	35.98	35.57	35.10	34.79	34.73	35.04	35.75	36.61	37.37	37.73	37.72
2	36.56	35.96	35.55	35.09	34.78	34.74	35.06	35.78	36.63	37.40	37.74	37.72
3	36.54	35.95	35.54	36.07	34.77	34.74	35.08	35.80	36.67	37.41	37.75	37.71
4	36.52	35.93	35.52	35.05	34.77	34.74	35.10		36.70	37.43	37.73	37.70
5	36.50	35.92	35.50	36.04	34.76	34.75	35.11		36.73	37.45	37.75	37.69
6	36.49	35.89	35.48	35.03	34.75	34.76	35.13		36.77	37.47	37.75	37.68
7	36.48	35.88	35.46	35.01	34.75	34.77	35.15		36.80	37.48	37.75	37.67
8	36.46	35.86	35.44	35.00	34.74	34.77	35.17		36.83	37.49	37.75	37.66
9	36.44	35.85	35.43	34.99	34.73	34.78	35.19		36.86	37.51	37.76	37.65
10	36.42	35.83	35.41	34.98	34.73	34.79	35.21		36.89		37.76	37.63
11		35.81	35.40	34.96	34.72	34.79	35.23		36.92		37.76	37.62
12		35.80	35.39	34.97	34.72	34.80	35.25		36.95		37.76	37.61
13		35.78	35.37	34.96	34.71	34.80	35.28		36.98		37.76	37.60
14		35.77	35.36	34.95	34.71	34.81	35.30		37.01		37.76	37.59
15		35.75	35.34	34.95	34.71	34.82	35.32		37.04		37.76	37.58
16		35.73	35.32	34.94	34.71	34.84	35.34				37.76	37.56
17		35.71	35.30	34.93	34.71	34.85	35.36				37.76	37.55
18		35.69	35.29	34.92	34.71	34.86	35.38				37.76	37.54
19		35.67	35.27	34.91	34.71	34.87	35.40					37.53
20		35.65	35.26	34.90	34.70	34.88	35.43					37.51
21		35.64	35.24	34.89	34.70	34.89	35.46					37.50
22		35.62	35.23	34.88	34.70	34.91	35.49					37.48
23		35.60	35.22	34.87	34.72	34.92	35.51					37.47
24		35.59	35.20	34.84	34.72	34.93	35.54					37.45
25		35.57	35.18	34.84	34.72	34.94	35.56				37.75	37.43
26		35.62	35.19	34.83	34.72	34.95	35.59	36.42			37.75	37.42
27		35.60	35.18	34.82	34.72	34.97	35.61	36.45	37.31		37.74	
28	36.06	35.59	35.16	34.81	34.72	34.99	35.64	36.47	37.31	37.72	37.74	
29	36.03		35.15	34.81	34.72	35.01	35.66	36.51	37.33	37.72	37.73	37.39
30	36.01		35.13	34.80	34.73	35.02	35.70	36.55	37.35	37.73	37.73	37.38
31	36.00		35.12		34.73		35.73	36.57		37.73		37.37

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UNITED STATES DEPARTMENT OF THE INTERIOR-GEOLOGICAL SURVEY-WATER RESOURCES DIVISION-GROUND WATER BRANCH

COUNTY POWER — WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS — STATE IDAHO — YEAR 1958

6S-33E-20AB1. EDNA LAVATTA KUTCH. DRILLED UNUSED WATER-TABLE WELL, DIAMETER 5 INCHES, DEPTH 151 FEET, CASED TO 175.

Highest water level 33.14 OCT. 11, 25, 31, ; lowest 35.21 JULY 11, 12, 1958 ; Records available 1953-58

(Daily NOON water level IN FEET BELOW L.S.D. from recorder graph)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	33.92	34.18	34.05	34.25	34.17	34.[illegible]	35.[illegible]	34.[illegible]	35.[illegible]	34.40	34.03	34.[illegible]0
2	34.00		34.02	34.[illegible]7	34.24	34.[illegible]	3[illegible].34	3[illegible].[illegible]	[illegible].[illegible]	34.55	33.95	34.22
3	34.04		34.[illegible]3	34.[illegible]4	34.[illegible]8	34.[illegible]	35.16	[illegible].20	[illegible].02	34.38	33.90	34.10
4	34.06		34.05	34.[illegible]1	34.[illegible]3	34.[illegible]	35.[illegible]3	[illegible].[illegible]1	[illegible].[illegible]	34.37	33.85	34.10
5	34.05		33.[illegible]2	34.[illegible]0	[illegible].[illegible]6	34.[illegible]6	35.18	35.[illegible]1	[illegible].[illegible]1	34.30	[illegible].92	34.19
6	33.99		34.00	34.17	34.[illegible]1	34.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]8	33.99	33.[illegible]2	34.23
7	34.[illegible]1		34.07	34.[illegible]2	34.[illegible]7	[illegible].[illegible]3	35.[illegible]5	34.[illegible]1	[illegible].[illegible]17	33.97	33.95	34.18
8	33.99		34.[illegible]6	34.18	33.[illegible]5	34.[illegible]6		[illegible].[illegible]1	34.[illegible]6	33.[illegible]6	33.94	34.17
9	34.04		34.14	34.[illegible]5	34.[illegible]7	34.95		[illegible].04	34.95	34.21	33.89	34.[illegible]6
10	33.97		34.14	34.[illegible]5	[illegible].[illegible]	[illegible].4		[illegible].[illegible]2	[illegible].[illegible]7	34.27	[illegible].[illegible]9	34.[illegible]6
11			34.07	[illegible].[illegible]6	[illegible].[illegible]	[illegible].1	35.40	[illegible].[illegible]7	[illegible].[illegible]8	34.50	[illegible].[illegible]7	34.12
12			[illegible].00	[illegible].[illegible]3	[illegible].[illegible]7	[illegible].[illegible]3	35.[illegible]2		[illegible].[illegible]7	[illegible].39	[illegible].[illegible]6	34.[illegible]4
13			[illegible].[illegible]2	[illegible].[illegible]3	[illegible].[illegible]3	[illegible].[illegible]1	[illegible].[illegible]8		[illegible].[illegible]0	[illegible].24	33.[illegible]2	34.[illegible]7
14			34.15	34.[illegible]5		[illegible].[illegible]1	[illegible].[illegible]4		[illegible].[illegible]4	[illegible].[illegible]5	[illegible].34	34.[illegible]9
15			[illegible].[illegible]7	[illegible].[illegible]3			[illegible].[illegible]3	[illegible].13	[illegible].[illegible]2	[illegible].[illegible]0	33.[illegible]4	34.[illegible]5
16			34.[illegible]6	[illegible].[illegible]4			35.[illegible]7	[illegible].[illegible]0	[illegible].[illegible]1	[illegible].[illegible]4	[illegible].94	[illegible].[illegible]7
17			34.11	34.[illegible]3			[illegible].[illegible]6	[illegible].[illegible]1	34.[illegible]5	34.[illegible]0	34.[illegible]2	[illegible].[illegible]7
18			34.[illegible]9	[illegible].[illegible]2			[illegible].[illegible]4	[illegible].[illegible]6	[illegible].[illegible]9	34.10	34.[illegible]5	34.[illegible]5
19			34.12	34.[illegible]7			[illegible].[illegible]8	[illegible].[illegible]3	34.[illegible]2	33.[illegible]6	34.01	34.[illegible]7
20			[illegible].[illegible]3	34.[illegible]5			[illegible].[illegible]5	[illegible].[illegible]1	34.30	[illegible].[illegible]0	34.17	34.26
21			[illegible].[illegible]2	[illegible].[illegible]3			[illegible].[illegible]4	[illegible].[illegible]1	34.[illegible]	[illegible].[illegible]3	34.[illegible]6	34.[illegible]7
22			34.[illegible]9	[illegible].[illegible]2			35.[illegible]5	35.[illegible]2	34.[illegible]3	[illegible].[illegible]2	34.[illegible]5	34.[illegible]9
23			[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]2		[illegible].[illegible]5	[illegible].[illegible]3	34.[illegible]5	[illegible].[illegible]0	34.[illegible]6	34.31
24			[illegible].[illegible]6	[illegible].[illegible]6	[illegible].[illegible]1	34.[illegible]2	[illegible].[illegible]3		34.[illegible]6	33.29	34.08	34.[illegible]5
25			[illegible].[illegible]3	[illegible].[illegible]2	[illegible].[illegible]1	[illegible].[illegible]1	[illegible].[illegible]1		34.[illegible]3		34.10	[illegible].[illegible]4
26		34.[illegible]1	34.[illegible]9	34.17	[illegible].[illegible]3	[illegible].[illegible]1	[illegible].35	[illegible].[illegible]4			34.04	34.[illegible]7
27		34.[illegible]3	34.[illegible]4	34.[illegible]1	[illegible].[illegible]5	[illegible].[illegible]2	[illegible].[illegible]0	[illegible].[illegible]	34.35		34.13	
28	34.11	34.[illegible]4	34.[illegible]1	34.[illegible]1	[illegible].[illegible]9	[illegible].39	[illegible].[illegible]3	35.[illegible]7	34.[illegible]0	33.95	34.20	
29	34.06		34.[illegible]7	34.[illegible]1	[illegible].[illegible]0	[illegible].[illegible]3	[illegible].40	34.[illegible]5	[illegible].[illegible]30	33.99	34.15	34.43
30	34.06		34.04	34.[illegible]0	33.[illegible]4	[illegible].[illegible]3	34.20	[illegible].[illegible]2	34.06	34.05	[illegible].17	34.41
31	34.14		34.[illegible]6		34.[illegible]8		34.[illegible]9	35.15		33.97		34.37

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7S-30E-12cal. Jess Meadows

Date	Water level	Date	Water level	Date	Water level
Jan. 27	49.25	May 23	44.03	Sept. 27	46.10
Feb. 26	a 47.56	June 24	44.32	Oct. 28	46.90
Mar. 25	45.33	July 22	45.44	Nov. 25	b 48.48
Apr. 24	43.76	Aug. 26	45.73	Dec. 29	49.62

7S-31E-13dcl. Paul Evans

Jan. 27	61.93	Mar. 25	61.79	May 23	61.47
Feb. 26	61.80	Apr. 23	61.51	Dec. 28	61.96

a Pumping
b Pumped recently