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INTRODUCTION

The Animas Valley is a closed basin located in western Hidalgo County, southwest New Mexico (fig. 1). The valley is approximately 80 mi long, lying between the Mexican border and US highway 70. The width of the valley varies from 6 to 12 mi along its length.

Problem and purpose of study

The central part of the valley is an important area for irrigated agriculture (Lansford and others, 1980) and is the site of the Lightning Dock Known Geothermal Resource Area (fig. 1). Although an understanding of the hydrogeology of the valley is important to both the agricultural economy and the development of the area's geothermal resources, the water resources of the entire area have not been studied in detail since 1957 (Reeder, 1957). The Animas Valley is also an excellent example of a closed alluvial basin. For these reasons the present study was initiated as part of the U.S. Geological Survey Water-Resource Division's Southwest Alluvial Basin Regional Aquifer System Analysis. The work is being funded under contract with the U.S. Geological Survey (WRD), Albuquerque.

Purpose of this report

Basic data compiled for the Animas Valley study are being released in a series of Bureau Open-file reports so that the information compiled may be available for use prior to the completion of the final project report. This report (OF-130) gives the basic water-level data compiled. Bureau OF-131 will

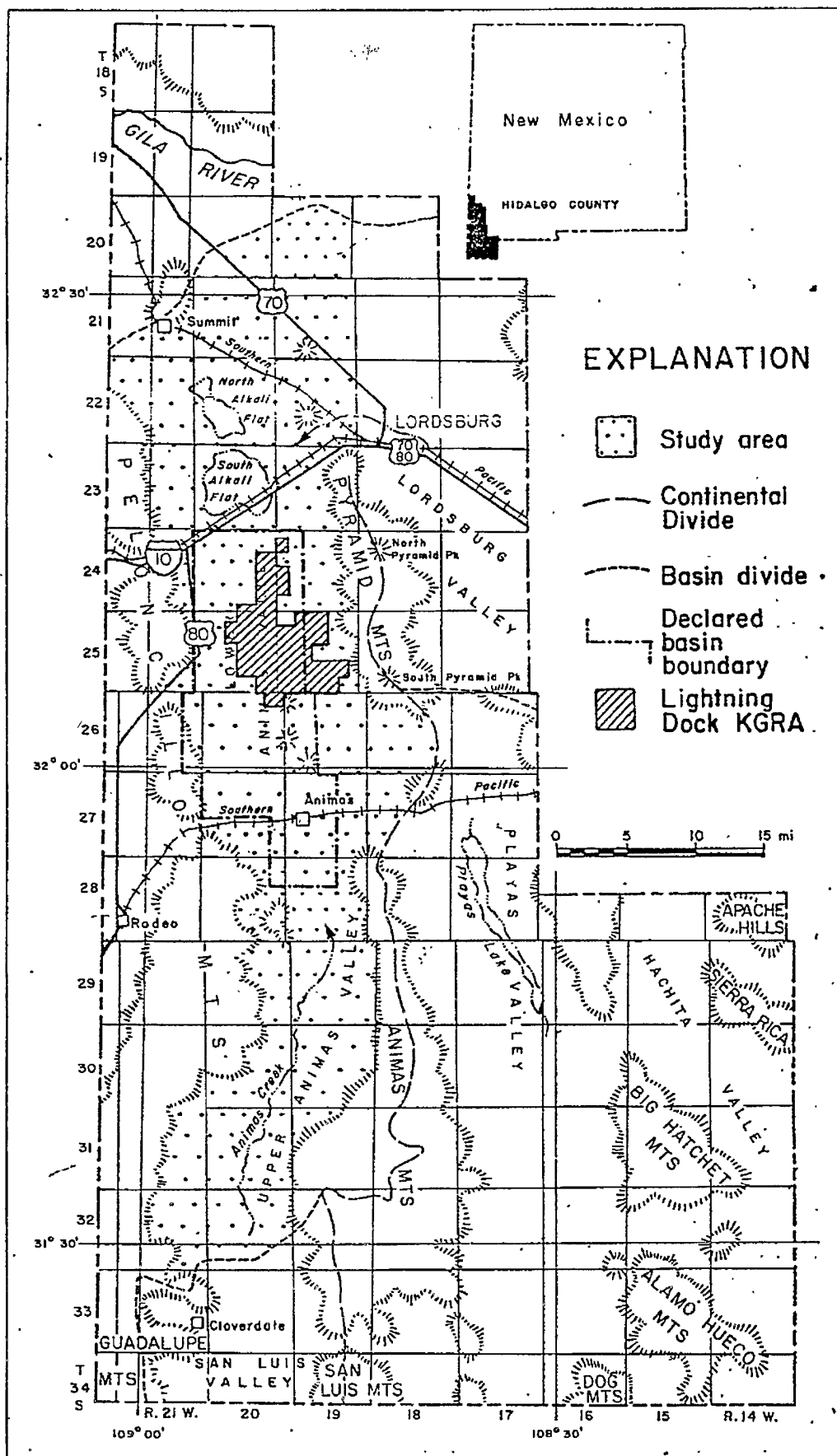


Figure 1. Location of study area

give the basic water-quality data, OF-132 will give the basic data obtained from the drilling and testing program, OF-133 will give the hydrologic model, and OF-134 will be the final report on the project.

The Animas Valley

The Animas Valley lies in the Mexican Highlands section of the Basin and Range physiographic province. It is bounded on the west by the Peloncillo Mountains and on the east by the Animas Mountains and the Pyramid Mountains (fig. 1). The northern boundary is marked by an extensive eolian dune field just south of US 70. The southern boundary lies across the international boundary in Mexico.

The climate of the Animas Valley is arid to semiarid (Cox, 1973). Precipitation generally averages 10 inches in the valley and 22 inches in the higher mountains. Based on 30 years of data (1931-1960), precipitation at Lordsburg falls below 5.71 inches and exceeds 13.84 inches one year in ten. Rainfall is greatest in late summer and early fall; half of the average annual precipitation occurs in July through September. Animas Creek, which rises in the southern Peloncillo Mountains and flows northerly to a point just south of the town of Animas, is the only perennial stream in the study area. Alluvial fans along the west and east valley margins are a source of ephemeral flows.

The Peloncillo Mountains consist of various sedimentary and volcanic rocks. Approximately 5,000 ft of Paleozoic strata, approximately 2,500 ft of Cretaceous strata, and an undetermined thickness of Cretaceous and Tertiary volcanic rocks occur in the

area north of the ghost town of Steins and south of Cowboy Pass (Gillerman, 1958).

The Animas Mountains consist mainly of sedimentary rocks. These include approximately 3,500 ft of Paleozoic limestone, dolostone, sandstone, and shale and 10,000-15,000 ft of Cretaceous sandstone and shale (Soule, 1972).

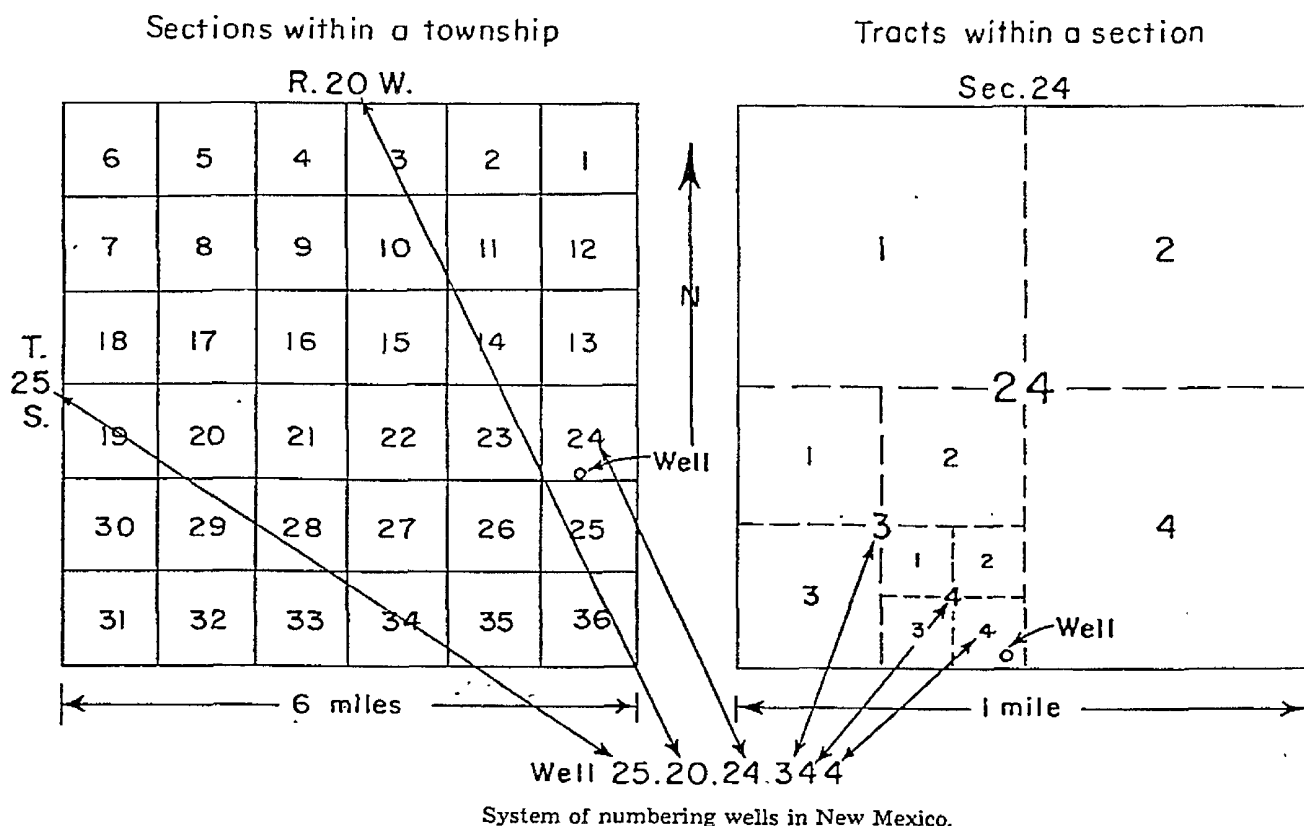
The Pyramid Mountains consist of a variety of volcanic and plutonic igneous rocks (Flege, 1959). The northern part consists of basalt intruded by granodiorite. The central part is characterized by pyroclastic volcanics and lesser amounts of rhyolite, rhyolitic welded tuff, and basalt. The southern part is dominated by andesite with lesser amounts of rhyolite and basalt.

The valley was the site of two Quaternary lakes: Lake Cloverdale in the south (Schwennesen, 1918) and Lake Animas in the north (Fleischhauer and Stone, 1981). The valley is filled with bolson and lacustrine deposits of undetermined thickness.

Geologic maps and geophysical surveys confirm the basin-and-range structure of the area. The valley is a graben and the bounding ranges are horsts. Complex folding and faulting is apparent within the mountain blocks and presumably occurs in the intervening basin as well.

Sources of data

Water-level data used in this report were compiled from published sources and the files of the Deming office of the New Mexico State Engineer. Published sources include Schwennesen (1918) and Reeder (1957).



WELL-NUMBERING SYSTEM

The system of numbering wells in this report is that used generally by the Geological Survey throughout the State. This system is based on the common subdivisions in sectionized land. The well number, in addition to designating the well, locates its position to the nearest 10-acre tract in the land net. The number is divided into four segments by periods. In this area the first segment denotes the township south of the New Mexico base line; the second denotes the range west of the New Mexico principal meridian; and the third denotes the section.

The fourth segment of the number, which consists of three digits, locates the well in a particular 10-acre tract. For this purpose, the section is divided into four quarters, numbered 1, 2, 3, and 4, in the following order: northwest, northeast, southwest, and southeast. The first digit of the fourth segment gives the quarter section, which is a tract of 160 acres. Similarly, the quarter section is divided into four 40-acre tracts numbered in the same manner, and the second digit denotes the 40-acre tract. Finally, the 40-acre tract is divided into four 10-acre tracts, and the third digit denotes the 10-acre tract. Thus, well 25.20.24.344 in Hidalgo County is in the SE $\frac{1}{4}$ -

SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 25 S., R. 20 W. If a well cannot be located accurately to a 10-acre tract, a zero is used as the third digit, and if it cannot be located accurately to a 40-acre tract, zeros are used for both the second and third digits. If the well cannot be located more closely than the section, the fourth segment of the well number is omitted. When it becomes possible to locate more accurately a well in whose number zeros have been used, the proper digit or digits are substituted for the zeros. Letters (a, b, c, etc.) are added to the last segment to designate the second, third, fourth, and succeeding wells in the same 10-acre tract.

WATER-LEVEL CONFIGURATION AND GROUND-WATER MOVEMENT

The records of wells tabulated in Schwennesen's (1918) paper are incomplete. They do not include the elevation of the land surface at the wells. Furthermore, well locations are specified to a quarter-section. Since these important pieces of information were either missing or deficient, well elevations were based on the following criteria.

Wells located to the nearest quarter-section were plotted at the center of that quarter-section. Wells located to the nearest section were assigned to the center of a quarter-section based on the well location map in the Schwennesen paper. The assignment of an elevation to a well within a quarter-section depended on the amount of relief in the quarter-section. If there was less than 20 ft of relief in a quarter-section then the assigned elevation corresponded to the nearest contour line or spot elevation. If the well location was equidistant between either two contour lines or a contour line and a spot elevation then the mean value of these known elevations was used. In cases where the relief in a quarter-section exceeded twenty feet, the well location was refined by reference to Schwennesen's well location map and the well was assigned an elevation following the criteria stated above. If the relief in a quarter-section exceeded 50 ft, then a well elevation was not assigned.

The well records in Reeder's report included both an elevation and an accurate well location. The tabulated elevation at well locations was checked by utilizing well location information and topographic quadrangles. In many cases, the elevation as :

determined by aneroid barometer was found to be incorrect. These elevations were corrected by assigning an elevation which corresponded to the nearest contour line or spot elevation. In cases where the well location was equidistant between any combination of known elevations, the mean value of the known elevations was used.

The records of wells at the New Mexico State Engineer's Office in Deming provided detailed well locations but inaccurate well elevations. In accordance with the format adopted for assigning well elevations, the contour line or spot elevation closest to the well location was utilized. If the well location was equidistant from points of known elevation then the mean value of the known elevations was used.

The above-outlined methods were utilized to generate a number of water-level elevation data points from which contours could be drawn to define the water-level configuration. Water-level contour maps were constructed from Schwenneson's well records, which were collected in 1913, and from the recent well records of the State Engineer's Office in Deming, which included water-level information for the years 1976-1981. The utilization of water-level data from these two different time periods provided a means to investigate the water-level configurations at two different time periods. This is an important consideration because the development of large-scale irrigation occurred during this time period. Thus, the inspection of the 1913 water-level configuration yields information on ground-water flow in pre-irrigation times and analysis of the 1976-1981 water-level configuration provides

information on the changes of ground-water flow since the development of large-scale irrigation.

Pre-Irrigation (1913)

The configuration of the water level in 1913 is shown on Plate 1. The well locations are plotted as circles and the water-level elevations are noted next to the circles. Contours representing lines of equal water-level elevation, have been drawn by interpolating where necessary between water-level elevation data points.

The lack of data points along the mountain front necessitates dashing of the contour lines near the valley margins. The dashed contour lines follow paths which are believed to represent the extension of known water-level elevation contour lines.

Since the movement of ground water is perpendicular to water-level elevation contour lines, the direction of ground-water movement can be determined by inspecting water-level elevation contour maps. Plate 1 indicates the direction of ground-water movement to be northward beginning at the ground-water divide between the Animas and San Luis Valleys in the vicinity of a well located in the SW $\frac{1}{4}$, Sec. 27, T. 33 S., R. 20 W. (see Plate 3, profile A-A'). The northward direction of ground-water movement continues to the northern quarter of T. 28 S., R. 19 W. where there is an abrupt drop in the water-level elevation (see Plate 3, profile A-A'). The sharp decrease in water-level elevations which occurs in this region is caused by the presence of a perched water zone. South of the northern quarter of T. 28 S., R. 19 W. wells are

completed in a perched water-bearing zone formed by recent stream alluvium. North of the northern quarter of T. 28 S., R. 19 W. wells are completed in a water-bearing zone that defines the ground-water system of the valley. The transition from the shallow perched water system to the valley ground-water system explains this abrupt drop in water-level elevations. The existence of the valley ground-water system in the Upper Animas Valley (south of T. 28 S., R. 19 W.) below the perched ground-water system is suspected but remains unconfirmed.

The valley ground-water system moves northwestward from T. 28. S., R. 19 W. through the town of Animas to the middle of T. 25 S. The absence of data points in the vicinity of the Animas/Playas Valley contact prohibits the determination of the direction of ground-water flow in that region. The direction of ground-water movement changes from northwestward to northward in T. 25 S. and continues in that direction to the Gila River drainage system. In T. 24 S., the contour lines are deflected to an orientation paralleling the valley margins indicating ground water moving from the mountains to recharge the valley ground-water system. At the connection of Lordsburg and Animas Valleys in T. 22 S., there is a slight deflection of the 4,000-foot contour line suggesting ground-water movement from Lordsburg Valley into Animas Valley.

Modern (1976 through 1981)

The water-level configuration defined by water-level elevation data points from the modern period (1976-1981) is shown on Plate 2. There are no data points south of T. 29 S. It is

assumed that the perched ground-water system remains relatively unchanged from T. 33 S., R. 20 W. to T. 28 S., R. 19 W. Water-level elevation data points in T. 29 S. and T. 28 S. indicate a northward ground-water movement and show the existence of the two ground-water systems (Plate 3, profile B-B').

Data points north of the middle of T. 28 S. correspond to water-level elevations derived from the valley ground-water system. The direction of ground-water movement from the middle of T. 28 S. to T. 27 S. is northward. At the ground-water divide between Animas and Playas Valleys in T. 27 S., R. 18 W., the water-level contours reflect an input of ground water from the Playas to the Animas Valley. However, the sparseness of data points in this region necessitates further investigation of the area before a definitive ground-water flow direction can be determined.

The direction of ground-water flow from T. 27 S. to the middle of T. 25 S. is northward. The water-level contours parallel the valley margins between T. 27 S. and T. 25 S. indicating ground-water flow from the mountains on the valley margin to the center of the valley (Plate 3, profiles D-D' and E-E'). In T. 25 S. and T. 24 S., there is an area of perched shallow ground water (Plate 3, profile C-C'). From the middle of 25 S., the valley ground-water system moves northward to the Gila River drainage. The northern part of the Animas Valley has few data points and needs better definition of the ground-water flow direction.

An unpublished 1955 water-level contour map defines the water-level configuration of the northern Animas Valley. This

water-level contour map defines ground-water flow in a northerly direction from T. 23 S. to T. 22 S. In T. 22 S., where Lordsburg and Animas Valleys join, the ground-water flow direction shifts northwestward to the Gila River drainage. Preliminary water-level data gathered in 1981 and shown on Plate 2 also indicate a northwesterly ground-water flow in the proximity of the joining of Animas and Lordsburg valleys. On the basis of this data, it appears that there is ground-water movement from Lordsburg Valley into Animas Valley.

Discussion

Comparison of the two water-level configuration maps provides the following observation. Beginning in T. 27 S. and extending to T. 24 S., all water-level contour lines have been shifted to the south on the 1976 through 1981 water-level map relative to their positions on the 1913 water-level map. The 4,125-ft and 4,150-ft water-level contours have moved from their original positions in the middle of T. 24 S. to the northern and middle parts of T. 26 S. The extent to which these two contours have been shifted to the south reflects the dewatering effects of ground-water pumpage on the valley ground-water system.

WATER-LEVEL DECLINE

Prior to 1948, there was not a large irrigated area in the Animas Valley utilizing ground-water. However, beginning with the period from 1948 to 1955, there was a tenfold increase in the amount of irrigated acreage utilizing ground-water for irrigation. Since 1955, the number of irrigated acres has remained relatively constant. The result of the artificial discharge of water from the Animas Valley ground-water system through the use of wells is a decline in the water level. The decline occurs because the amount of water withdrawn by wells exceeds the amount of water recharged to the ground-water system. The decline of the water level can be shown by water-level decline maps.

April, 1948 through January, 1955

In 1948, most of the Animas Valley became a declared basin. Subsequently, the ground-water system of the valley has been closely monitored. A report by Reeder (1957) compiled the decline of the water level between April, 1948 and January, 1955 (fig. 2). The decline of the water level coincides with the area under irrigation. The center of heaviest pumpage coincides with the center of greatest water-level decline and is located in sec. 35, T. 25 S., R. 20 W. The greatest water-level decline is 29.71 ft. From the center of the greatest water-level decline water levels decrease outward and in an elongated north-south fashion. The water-level declined more than 5 ft over an area of 120 mi² extending from the southern part of T. 27 S. to the middle of T. 24 S. Hence, the use of ground water for irrigation from 1948 to 1955 caused the water level in the Animas Valley to decline.

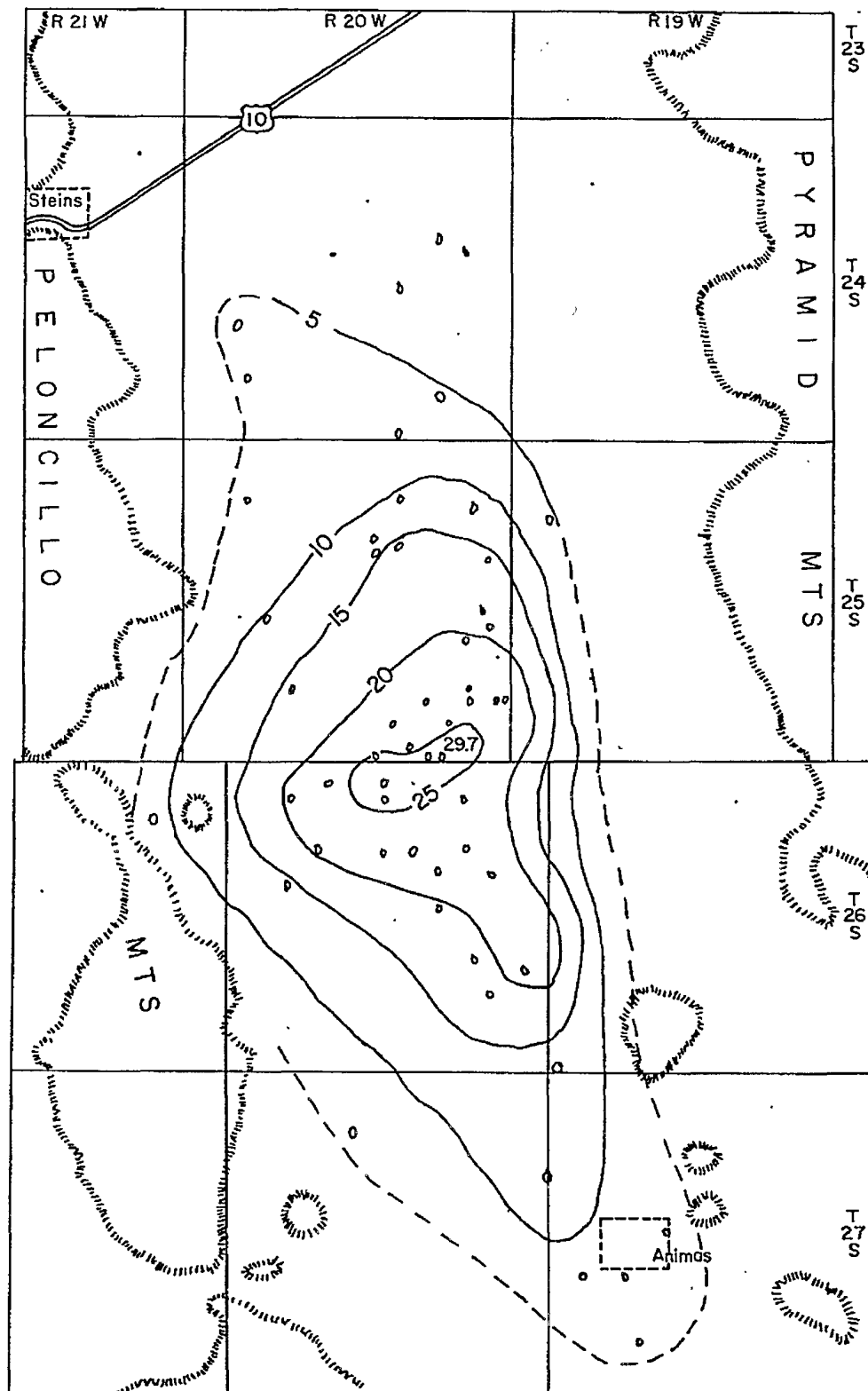


Figure 2 Water-level decline April 1948—January 1955
(adapted from Reeder (1957))

1913 to 1976

Comparison of the depth to water in 1913 and in 1976 at similar locations yields, in most cases, a water-level decline. In order to construct a water-level decline map for this time interval, the 1976 water-level data points were superimposed on the 1913 water-level data points. The data points for the two years did not coincide. A set of criteria was adopted in order to obtain a water level comparison for the two years. Water-level data points were compared if they were within two miles of each other and if their well elevations did not differ by more than 20 ft. These criteria provided enough data points for the construction of a fairly definitive water-level decline map.

The water level declined over the entire irrigated acreage of the central Animas Valley (Plate 4). The center of greatest decline, which happens to coincide with the center of greatest ground-water pumpage is located in sec. 35, T. 25 S., R. 20 W. The maximum amount of water-level decline is 84 ft. The water level declined at least 20 ft over an area extending from the southern part of T. 27 S. to the northern part of T. 24 S.

In the Lordsburg Valley, water-level decline was centered on sec. 34, T. 22 S., R. 18 W. (Plate 4). The maximum amount of water-level decline was 98 ft. The water-level decline contours are elongated along the length of the valley in a NW-SE orientation. There has been at least 60 ft of water-level decline in the southwest part of T. 22 S., R. 18 W.

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New Mexico Bureau of Mines and Mineral Resources

Open-file Report 130

WATER-LEVEL DATA COMPILED FOR
HYDROGEOLOGIC STUDY OF ANIMAS VALLEY,
HIDALGO COUNTY, NEW MEXICO

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June 1981

Table 1 - Well records presented by Schwennesen (1918). Elevation of wells as determined in this study are given in supplement at end. Asterisk in table indicates water quality analyzed; asterisk in supplement indicates 20-50 ft. of relief in $\frac{1}{4}$ section and elevation questionable; blank indicates >50 ft. of relief in $\frac{1}{4}$ section and elevation could not be determined; slash indicates well not in Animas Valley.

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quarter.				Depth below surface.	Date.			
1.....	21	13	19	NW.	Walkins.....	Bored.....	Feet. 219	Feet. 188	1913. Sept. 12	None.....	Not in use.....	Water stratum at 200 feet. Clay and gravel.
2.....	24	14	21	NE.	C. W. Pughol.....	Dug.....	a 205	No water.	do.....	do.....	do.....	Hardpan at 170 feet. Reddish clay mixed with sand and gravel at bottom.
3.....	25	14	20	SW.	Chiricahua ranch.....	Bored.....	207	b 160	Sept. 18	Windmill.....	Stock.....	
*4 (2 wells).....	26	15	15	SW.	Black Mountain ranch of Victorin Land & Cattle Co.	Bored.....		227	do.....	Windmills.....	Stock and do- mestic.	
5 (2 wells)c.....	24	15	19	SW.	Southern Pacific Co.	do.....	610	300	Sept. 14	Steam pumps...	Locomotive, etc.	For log see Pl. V; ca- pacity, pp. 73-74.
6.....	21	15	10	SW.	J. D. Woams.....	do.....	400	b 300	Sept. 13	Windmill.....	Domestic.....	Strike water at 301 feet. Owner says it rose 60 feet when first drilled.
7 (2 wells).....	25	16	31	SW.	Hudson wells of Vic- torin Land & Cat- tle Co.	Bored.....	147+	117+	Sept. 18	do.....	Stock.....	
8 (2 wells).....	25	16	20	NW.	Hudson wells of Vic- torin Land & Cat- tle Co.	Bored.....		163	do.....	Windmills.....	do.....	
*9.....	25	16	21	NE.	do.....	Dug 91 feet and bored.	91+	91+	do.....	Windmill.....	do.....	
10.....	25	16	16	SE.	Arizona & New Mex- ico Ry.	Bored, 6 inches....	162	130	do.....	Gasoline and plunger pump.	Locomotive, etc.	For capacity see p. 74.
11.....	24	17	35	SE.	do.....	do.....		70	Sept. 17	Windmill.....	Stock.....	
12 (3 wells).....	21	17	35	NE.	do.....	do.....		70	do.....	Windmills.....	do.....	
*13 (3 wells).....	24	17	20	NW.	John Muir.....	1 dug and bored; 2 bored.	101, 100, 95	63	do.....	Gasoline and plunger pump, and windmills.	Stock and do- mestic.	
14.....	21	17	9	do.....	do.....	Dug.....		51	do.....	Windmill.....	Stock.....	
15.....	21	17	8	SE.	do.....	do.....		b 85	Sept. 16	do.....	Stock and do- mestic.	
*16.....	24	17	8	NE.	do.....	do.....		85	do.....	do.....	do.....	
17.....	21	17	8	NW.	do.....	do.....		b 100	do.....	do.....	do.....	
18.....	21	17	4	do.....	do.....	Dug.....		55	do.....	None.....	Not used.....	
19.....	24	17	5	SE.	do.....	Bored, 6 inches....		70	do.....	Windmill.....	Stock.....	

a Well unfinished.

b Approximate.

c 25 feet apart.

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quar- ter.				Depth be- low surface.	Date.			
*20 (3 wells)...	23	17	32	NE.	.....	2 bored; 1 dug.	Feet.	41	1913. Sept. 16	Windmills.....	Stock.....	Alkali shows on pipes; water tastes salty.
*21.....	23	28	1	SW.	Highland Cattle Co. (Box "M")	Bored.....	.....	60	Sept. 15	Windmill.....	do.....	
22 (west well)d	23	18	2	NE.	Southern Pacific Co..	Bored, 6 inches....	310	.....	.....	Steam pump....	Industrial and domestic.	Capacity under test, 6,000 gallons per hour at 316 feet and 2,000 gallons per hour at 116 feet. Cost of well, \$1,231. Quality of water, good.
(east well)d	23	18	2	NE.	do.....	Bored, 8 inches....	320	89	.....	do.....	do.....	Cost of well, \$1,231.
(well No. 3)d	23	18	2	NE.	do.....	Bored, 11 1/2 inches..	325	82	.....	do.....	do.....	Capacity under 26-hour test, 5,280 gallons per hour.
21.....	22	18	31	NE.	.....	Dug.....	.....	68	Oct. 13	.....	.....	
21.....	22	18	31	NW.	.....	do.....	.....	67	do.....	Windmill.....	.....	
*25.....	22	18	31	NE.	Frank R. Coon.....	Bored, 20 inches....	192	71	do.....	20-horse power electric motor turbine pump.	Irrigation and domestic.	For log see Pl. V; de- scription of plant p. 74.
26 (2 wells)...	22	18	33	NE.	H. W. Small.....	Bored.....	150, 137	99	do.....	14-horse power gasoline en- gine and 2- inch well cyl- inder.	Domestic.....	
27.....	22	18	33	NE.	A. A. Williams.....	do.....	.....	87	do.....	Windmill.....	do.....	
28.....	22	18	28	SE.	.....	do.....	.....	68	do.....	8-horse power gasoline en- gine and plunger pump.	do.....	
29.....	22	18	28	SE.	.....	do.....	.....	.....	do.....	Windmill.....	Not in use.....	
30.....	22	18	28	SW.	Lordsburg Water, Ice & Electric Co.....	Bored; 20 and 12 inches.	190	65	do.....	Electric motor and turbine pump.	(c)	See p. 75.
31.....	22	18	28	SW.	.....	Bored.....	.....	77	Oct. 15	Windmill.....	Not in use.....	Material taken from well is angular gravel and sand in clay matrix.

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quar- ter.				Depth be- low surface.	Date.			
32.....	22	18	29	NW.	Mari Hardin.....		c 100	79	...do....	Gasoline engine and 31-inch well cylinder.	Domestic.....	Cost of drilling, \$1.50 per foot; casing, \$0.47 per foot.
33 (2 wells)....	22	18	29	NE.	B. H. Olney.....	Bored.....	.....	81	...do....	Windmill.....	do.....	
34.....	22	18	10	NE.	.....	do.....	167	106	...do....	do.....	do.....	
*35.....	22	19	13	SE.			f 113	98	Oct. 16	do.....	Stock and do- mestic.	Suction pipe down 180 feet.
38.....	22	19	12	SE.	Brown.....	.....	210	210	Oct. 16	do.....	do.....	
*37 (2 wells)....	22	19	5	NW.	Double wells.....	Dug and bored.....	ø 91+	91+	Oct. 16	Windmills.....	Stock.....	
34.....	22	19	20	NW.		Bored.....		115	Oct. 20	Windmill.....	Not used.....	Clay, sand, and fine gravel on dump.
39.....	21	21	1	SE.	Lary "B".....	.....	300+	c 300	Oct. 17	Gasoline engine and windmill.	Stock and do- mestic.	
*40 (3 wells)....	21	20	34	SE.	.....	Bored.....	.....	c 250	Oct. 10	Windmills.....	Stock.....	
*41.....	21	21	25	SW.	Lary "B".....	do.....		c 200	do.....	Windmill.....	Stock and do- mestic.	For log see fig. 11.
*42.....	22	20	18	SE.	Hackberry well of Highland Cattle Co. (Box "M").	do.....	c 250	c 150	Oct. 22	Gasoline engine and windmill.	do.....	
43 (3 wells)....	23	20	23	NE.	Highland Cattle Co. (Box "M").	Dug and bored.....	.....	c 200	Oct. 20	do.....	do.....	
41.....	23	20	18	SW.		Bored.....	(b)	40	Oct. 27	None.....	Not in use.....	Well-budded coarse sand, angular gravel, and clay.
*45.....	23	20	30	SW.	.....	.....	.....	38	do.....	Windmill.....	Not used.....	
46.....	23	20	31	NW.	.....	Dug.....	.....	37	Oct. 22	None.....	do.....	
47.....	21	21	1	NW.				33	do.....	Gasoline engine and windmill.	Stock.....	Water-bearing gravel strata at 14 and 18 feet depths.
48.....	23	19	31	NW.	De Moss.....	.....	.....	37	Oct. 25	Windmill.....	Not used.....	
49.....	23	19	31	NW.	do.....	Dug.....	.....	65	do.....	Bucket.....	Domestic.....	
50.....	21	19	6	SW.		do.....		30	do.....	Gasoline engine and plunger pump.	do.....	Water in gravel and quicksand. For fur- ther description see pp. 98-99.
51.....	21	19	7	NW.	.....	do.....	.....	35	do.....	None.....	Not in use.....	
52.....	21	19	7	SW.	.....	Bored.....	.....	30	Oct. 30	Windmill.....	Stock.....	
61.....	21	19	18	SW.		Dug.....		34	Oct. 31	None.....	Not used.....	Water-bearing gravel strata at 14 and 18 feet depths.
61.....	21	19	19	NE.	Henry Owens.....	do.....	51	No water.	do.....	do.....	No water.....	
65.....	21	20	1	NW.	.....	Bored.....	(b)	28	Oct. 25	do.....	Not in use.....	
56.....	21	20	1	SE.	J. W. Johnson.....			32½	do.....	Windmill.....	Domestic.....	Water-bearing gravel strata at 14 and 18 feet depths.
*57.....	21	20	1	SE.	do.....	Dug and bored.....	67	27	do.....	Gasoline engine and turbine pump.	Irrigation.....	
58.....	24	20	3	SW.	G. E. Cadman.....	Bored(?).....	c 20	13½	do.....	Hand pump.....	Domestic.....	
*59.....	21	20	7	NW.	J. P. Mansfield.....	Dug.....		20	Oct. 21	Windmill.....	Stock.....	

a In use.
b Not in use.
c Approximate.

d Data furnished by Southern Pacific Co.
e Plant newly installed. Intended for municipal use.
f Measured depth. Originally 130 feet deep.

g West wall.
h Not finished.

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quar- ter.				Depth be- low surface.	Date.			
*60.....	21	20	11	SW.	J. A. Leahy.....	Bored.....	Feet. 60	Feet. 10	1913, Oct. 25	Oil engine and turbine pump.	Irrigation.....	Dump shows clay and clean sand. For fur- ther description see p. 89.
*61.....	21	20	14	NE.	D. F. Sellards.....		10	12	Oct. 31	Hand pump....	Domestic.....	
*62.....	24	20	14	NE.	do.....	Bored.....	39	12	do.....	Gasoline engine and centrifugal pump.	Irrigation.....	For description see p. 89.
63.....	24	20	14	SE.	S. J. Wright.....			12	do.....	10-horsepower gasoline engine and centrifugal pump.	do.....	
64.....	21	20	14	SE.	J. J. Campbell.....	Dug.....	(a)	11	do.....	None.....	Not in use.....	
65 (2 wells)....	24	20	15	SE.	Sam Killebrew.....			16	do.....	Windmill.....	Domestic.....	
66.....	21	20	15	NW.	Mrs. M. J. Swan.....		21	16	do.....	do.....	do.....	Water in fine gravel and quicksand.
67.....	21	20	16	SE.	W. W. Guess.....		45	17	Nov. 1	do.....	do.....	Small amount of water at 16 feet. Water-bearing gravel and quick- sand at 35 feet. For log see fig. 11.
*68.....	24	20	18	NE.	J. C. Haydon.....	Dug.....	34	30	Oct. 24	Bucket.....	Domestic.....	
69 (3 wells)....	24	20	20	SW.	D. B. Smith.....	Bored.....	b 55 c 684 37	27	Nov. 1	Windmill.....	Stock and do- mestic.....	
70.....	24	20	21	NE.	W. W. Carlson.....			18	Oct. 27	do.....	Domestic.....	
71.....	21	20	22	NW.	O. A. Porter.....			20	Oct. 31	do.....	do.....	
72.....	24	20	22	SE.	A. B. Kerr.....			18	do.....	Windmill.....	do.....	
73.....	24	20	21	NW.	do.....			16	do.....	do.....	do.....	
74 (2 wells)....	21	20	23	NE.	S. J. Wright.....	Dug.....		11	do.....	(d)	Stock.....	
75.....	21	20	20	NE.	Robert Guess.....			13	Nov. 2	Windmill.....	do.....	
*76.....	24	20	20	SW.	J. G. Smith.....	Dug.....	21	10	do.....	Bucket pump...	Domestic and irrigation.	
77.....	24	20	32	NE.	Boss ranch of Mans- field Land & Cattle Co.			27	Nov. 1	Windmill.....	Stock.....	
78 (2 wells)....	24	20	36	SE.	Seven-Twelve ranch of Mansfield Land & Cattle Co.		40	23	Nov. 2	Horsepower and windmill.	Stock and do- mestic.	Drawdown 2 feet, with windmill pumping.

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quarter.				Depth below surface.	Date.			
79.....	25	20	1	SW.	J. P. Mansfield.....	Dug.....		19	Nov. 3	Windmill.....	Domestic.....	
*80.....	25	20	4	NW.	J. P. Mansfield.....	Dug.....		29	Nov. 2	Windmill.....	Stock.....	
81.....	25	20	6	NE.	do.....	Dug.....	45	No water.	do.....	None.....	No water.....	
82.....	25	20	8	SE.	Dickford ranch of J. P. Mansfield.	Dug and bored.....		46	do.....	Windmill.....	Stock.....	
*83.....	25	20	13	NE.	J. P. Kerr.....	do.....	304	204	Nov. 3	do.....	Domestic.....	
83 f.....	25	20	13	NE.	do.....	do.....	45	21	do.....	Engine and pump.....	Irrigation.....	See p. 99.
81.....	25	20	13	NE.	M. B. Kethley.....	Dug and bored.....		27	do.....	do.....	Domestic.....	
*85.....	25	20	13	SE.	do.....	do.....		29	do.....	None.....	Intended for irrigation.	For log see fig. 10.
86.....	25	20	13	SE.	do.....	do.....		29	do.....	Windmill.....	Stock.....	Do.
*87 (2 wells)....	25	20	16	SW.	T. J. McCants.....	do (?).....	45, 60	40	Nov. 4	Windmills.....	Stock and domestic.	
88.....	25	20	33	SW.	Mansfield Land & Cattle Co.	do.....		60	do.....	Windmill.....	Not in use.....	
89 (2 wells)....	25	20	36	NE.	W. J. Wamel.....	Dug.....	53	No water.	Nov. 5	None.....	No water.....	Pumped dry in 1 1/2 hours at 20 gallons per minute.
*90 (2 wells)....	26	20	14	NE.	Holmg wells of W. J. Wamel.	do.....	70	74	do.....	Engine and windmill.	Stock.....	
91.....	26	20	18	NW.	do.....	Dug.....	46	No water.	do.....	None.....	No water.....	
92.....	26	20	20	SW.	do.....	do.....	41		Nov. 6	do.....	Not in use.....	Regularly stratified clean gravels show in well walls.
93.....	26	20	20	SW.	Washburn.....	Dug and bored.....		61	do.....	Windmill.....	Stock and domestic.	
94.....	26	20	32	NW.	S. Henderson.....	do.....	60	58 1/2	Nov. 12	do.....	Domestic.....	
95.....	26	20	32	SE.	J. C. Henderson.....	do.....	63	62	do.....	do.....	do.....	
96 (3 wells)....	26	20	36	NE.	W. J. Wamel.....	1 dug; 2 bored.....	103, 150, 131	93	Nov. 7	Gasoline engine and windmills.	Stock and domestic.	For further description see p. 99.
97.....	27	18	17	SW.	Antelope (El Paso & Southwestern R. R.).	do.....					Locomotive, etc.	
98.....	27	19	17	NE.	do.....	Bored.....	120	113	Nov. 10	Windmill.....	do.....	
99.....	27	19	17	SW.	Homan Arnold.....	do.....	167	126	do.....	Gasoline engine and 31-inch well cylinder.	Domestic.....	Well sunk through alternate layers of sand and clay.
100.....	27	19	18	NE.	do.....	Bored.....		117	do.....	None.....	Not in use.....	Material mostly pebbly clay.
101.....	27	19	19	NE.	John Burns.....	do.....	157	127	Nov. 14	Gasoline engine and plunger pump.	Domestic and irrigation.	For further description see p. 99.
*102 (3 wells)...	27	19	20	NE.	"Railroad wells" of W. J. Wamel.	1 dug; 2 bored.....	122, 140, 150	118	Nov. 10	Windmills.....	Stock and domestic.	
103.....	27	19	31	NE.	do.....	do.....		180	Nov. 14	Windmills.....	Stock.....	
104 (2 wells)...	27	19	32	NE.	X-T ranch.....	do.....		180	do.....	do.....	do.....	
105.....	27	10	33	NE.	Isaac L. Arnold.....	Bored.....	153	No water.	do.....	None.....	Not in use.....	

a Sunk short distance below water level. b New bored well. c Old wells.

d One well with windmill and 1 with horsepower bucket pump.

e House well.

f Irrigating well located 100 feet east of house well.

g 12-horsepower Stover gasoline engine.

h Approximate.

i 2 1/2-horsepower Fairbanks-Morse gasoline engine to 5-inch well cylinder.

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quarter.				Depth below surface.	Date.			
*106 (2 wells)...	27	20	0	NW.	Leo Pagua.....	.....	Fert. 76½	Fert. 75	1913, Nov. 12	Windmills.....	Stock and domestic.	Well sunk through gravelly clay most of distance.
107.....	27	20	10	SE.	Bob Pagua.....	Dug.....	104	08	do.....	Windmill.....	do.....	
108.....	27	20	21	SW.	.....	do.....	105	No water.	Nov. 11	None.....	Not in use.....	Well walls show ill-sorted angular gravel all the way down. For log see p. 30.
109.....	27	20	20	SW.	Bob Pagua.....	.....	137				Stock.....	
110.....	28	19	4	SW.	.....	.....		No water.	Nov. 15	None.....	Not in use.....	
111.....	28	19	8	NW.	.....	.....		do.....	do.....	do.....	do.....	
112 (2 wells)...	28	19	9	SW.	Frank Bunts.....	Dug.....	28, 603	a 10	Nov. 14	Windmills.....	Domestic.....	Water level fluctuates with seasons. For log of new well see Pl. VII.
113.....	28	19	9	SE.	J. D. Scalo.....	do.....	(c)	26	do.....	do.....	do.....	
114.....	28	19	10	SW.	Ben Pagua.....	do.....	32	30	Aug. 10	Gasoline engine and centrifugal pump.	Irrigation.....	For log see Pl. VII.
*115.....	28	19	15	NW.	J. S. Carruth.....	.....	40	20	Nov. 14	Windmill.....	Domestic.....	For log see Pl. VII. Drawdown of 8 feet with 8-foot mill pumping.
116.....	28	19	16	NW.	do.....	.....		28	do.....	do.....	Stock.....	
117.....	28	19	16	SW.	.....	.....		23½	Nov. 15	.....	.....	
118 (3 wells)...	28	19	21	NW.	Mrs. Ballard.....	Dug.....	10	17	Nov. 14	Windmill.....	Stock and domestic.	Wells connected by drills. Very small yield. Insufficient supply.
119.....	28	19	21	SW.	.....	do.....	10	18	Nov. 15	do.....	Not used.....	
120.....	28	19	22	NW.	.....	.....		27	do.....	.....	.....	
121.....	28	19	22	NE.	Chas. B. Lightner.....	do.....	(c)	29	do.....	.....	.....	For log see Pl. VII.
122.....	28	19	22	NW.	.....	.....		26	do.....	.....	.....	
123.....	28	19	22	SE.	.....	.....		31	do.....	Windmill.....	.....	
*124.....	28	19	27	SE.	H. H. Pagua.....	do.....	35	31	do.....	Gasoline engine and centrifugal pump.	Domestic and irrigation.	See p. 80.
125.....	28	19	27	SE.	do.....	do.....		30	Nov. 17	Windmill.....	Stock.....	

No.	Location.				Owner or name.	Type.	Depth.	Water levels.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quar- ter.				Depth be- low surface.	Date.			
126 (2 wells)...	28	19	27	NW.	do.	do.	25	20	Nov. 15	do.	Domestic.	Wells 25 feet apart and connected by drift. Small yield.
127.....	28	19	27	NW.	D. F. Kling.	do.		20	do.	Horsepower and pump.	Not used.	
128.....	28	19	27	NW.	do.	do.		20	do.	Windmill.	Domestic and irrigation.	Soil 11 feet thick, gravels 11 feet thick.
120 d.....	28	19	27	SW.	M. A. Wood.	Dug.	25	22	Aug. 16	Windmills.	Not used.	
130.....	28	19	27	SE.	do.	do.	25 1/2	25	Nov. 17	Windmill.	do.	A number of shallow wells dug here. No water obtained.
131.....	28	19	28	NE.	do.	do.		No water.	Nov. 15	None.	do.	
132.....	28	19	34	NE.	do.	do.	27 1/2	27	Nov. 17	do.	do.	4 acres of orchard irri- gated by 3 windmills.
133.....	28	19	31	NE.	do.	do.		29	do.	Windmill.	do.	
134 (2 wells)...	28	19	34	SE.	Counors.	do.		23	Nov. 18	do.	do.	
135.....	28	19	36	NW.	do.	do.		22	Nov. 17	Windmill.	Domestic.	
136 (2 wells)...	28	19	36	SW.	W. W. Endes	do.		25	do.	Windmill.	Domestic and irrigation.	
137 (3 wells)...	29	19	3	NW.	R. S. Austin.	do.		22, 25	Nov. 18	Windmills.	Stock.	
138.....	29	19	3	SW.	do.	do.			Nov. 17	Windmill.	do.	
139.....	29	19	4	NE.	Mrs. C. A. Bullion.	do.		20	Nov. 18	do.	do.	
140.....	29	19	4	NE.	Schoolhouse.	do.		40	Nov. 17	do.	do.	
141.....	29	19	4	SE.	do.	do.		10 1/2	do.	Windmill.	do.	
142.....	29	19	4	SE.	Isanes.	Dug.		16 1/2	Nov. 18	Bucket.	Domestic.	Unsuccessful deep well bored 200 feet east. See p. 81.
143.....	29	19	9	NW.	do.	do.		10 1/2	Nov. 17	Windmill.	do.	
144.....	29	19	9	NW.	do.	do.		18 1/2	Nov. 18	do.	do.	
145.....	29	19	9	NE.	do.	do.		18 1/2	Nov. 17	Windmill.	do.	
146 (2 wells)...	29	19	9	NE.	do.	do.		17	do.	do.	do.	
147.....	29	19	19	NW.	do.	do.		18 1/2	do.	do.	do.	
148.....	29	19	17	NE.	Taz Gallman.	do.		10 1/2	Nov. 18	Windmill.	Domestic.	
149.....	29	19	17	NE.	do.	do.		22 1/2	do.	do.	do.	
150.....	29	19	17	NE.	do.	do.		22 1/2	do.	do.	do.	
151.....	29	19	17	NE.	do.	do.		19	do.	do.	do.	
152.....	29	19	20	NE.	do.	do.		10 1/2	do.	do.	do.	Unsuccessful deep well bored 200 feet east. See p. 81.
153.....	29	19	20	NW.	D. Burkett.	do.		17	do.	Windmill.	do.	
154.....	29	19	20	SW.	do.	do.		14 1/2	do.	do.	do.	
155.....	29	19	20	SE.	do.	do.		13	do.	Windmill.	do.	
156.....	29	19	20	SE.	do.	do.		12	do.	do.	Stock.	
157.....	29	19	29	NW.	do.	do.		18	do.	do.	do.	
158.....	29	19	29	SW.	do.	do.		20	Nov. 10	Windmill.	Stock and do- mestic.	
159.....	29	19	30	NE.	do.	do.		20	do.	do.	do.	
160.....	29	19	30	SE.	X'T headquarters ranch.	do.		20	Nov. 10	Windmill.	do.	
161.....	29	19	30	SE.	A. B. Ward.	Dug.		20	do.	do.	Domestic.	Unsuccessful deep well bored 200 feet east. See p. 81.
162.....	29	19	31	SW.	Mrs. Dunnagan(?)	do.		20	do.	do.	Not used.	
163.....	30	19	0	NW.	Mrs. Chas. Spear(?)	do.		20	do.	do.	do.	
164.....	30	19	0	SW.	X'T ranch.	do.		12	do.	Windmill.	do.	

a Well at house.

b New well unfinished.

c Sunk short distance below water level.

d Several wells.

e Well at barn.

f Approximate.

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quar- ter.				Depth be- low surface.	Date.			
165.....	30	19	7	SW.	Steve Dunnagan.....		Feet.	28	1913, Nov. 20	Windmill.....	Stock and do- mestic.	
166.....	30	20	1	SE.					Nov. 19	do.....	Domestic.....	
167.....	30	20	20	NE.	W. D. Jinfeld.....	Bored.....		29	Nov. 20	do.....	do.....	
168.....	30	20	25	NW.			55	No water.		None.....	Not used.	
169.....	30	20	25	NW.	Victoria Land & Cat- tle Co.					Windmill.....	Stock.....	
170.....	30	20	35	SE.				22				
171.....	30	20	11	NW.	Wm. Birchfield.....	Bored.....				Windmill.....	Stock.....	
*172 (3 wells).....	31	20	10	SE.	Victoria Land & Cat- tle Co.	do.....				Windmills.....	do.....	
173.....	31	20	16	SE.	E. W. Taylor.....	Dug.....	27	26 1/2	Aug. 17			Coarse, poorly assorted sands and gravels.
174.....	31	20	15	SW.	Morhouse.....			28	Nov. 20			
*175.....	31	20	22	NW.	E. G. Howo.....			17	Nov. 24	Windmill.....	Domestic and stock.	
176.....	32	20	4	NE.	Wm. Burcham.....	Dug.....	24	23	do.....	None.....	Not in use.....	Poorly bedded gravel with some clay.
177.....	32	20	10	NW.	Gray ranch of Vic- toria Land & Cattle Co.			0	do.....	do.....	Stock and do- mestic.	Group of springs here form a small marsh ("ciénega").
178.....	32	20	17	NE.	Victoria Land & Cat- tle Co.			15	do.....		Stock.....	
179.....	32	20	22	SW.	do.....			23	do.....	do.....	Not in use.....	
180.....	33	19	17	SW.	Juniper Spring.....			0		do.....	Stock.....	
*181.....	33	20	27	SW.	Fitzpatrick well of Victoria Land & Cattle Co.	Dug.....		4	Nov. 20	Windmill.....	do.....	For account of deep well bored here see p. 104.
182.....	33	20	30	NW.				13	Nov. 28	None.....	Not used.....	Poorly assorted gravel and clay.
183.....	33	20	32	NW.				10	do.....			
184.....	33	20	33	NW.	Louis Carrier.....	Dug.....			do.....		Domestic.....	For log see p. 103.
185.....	33	20	31	NW.	J. D. Wolf.....			4	Nov. 29	Windmill.....	Stock and do- mestic.	Shallow pit dug in gravel.
186.....	33	21	23	SE.	Victoria Land & Cat- tle Co.			0	Nov. 27	None.....	Stock.....	

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quarter.				Depth below surface.	Date.			
187.....	33	21	24	SW.	Mrs. Lloyd	Dug		12	do.	do.	Not used	
188.....	33	21	21	SE.	Sanford	do.		13	do.	Windmill	Stock and domestic.	
*189 a.....	34	19	19	NE.	Victoria Land & Cattle Co.			0	Dec. 2	do.	Stock	
190 a.....	34	19	19	NE.	Long ranch of Victoria Land & Cattle Co.			0	do.		Stock and domestic.	
191.....	34	20	4	NW.	H. N. Awtry	Dug	80, 16	No water.	Nov. 28	None	Not used	See p. 104.
192 (2 wells)...	34	20	5	SW.				0	Nov. 29			
193 a.....	34	20	6	NE.				0	Nov. 27		Not in use(?)	
194 a.....	34	20	7	SE.				0	Dec. 2		Domestic	See p. 105.
195 a.....	34	20	22	SW.	Garcia			0	do.			
196.....	34	20	23	SW.	Bramlett	Dug	45	No water.	do.	None		
197 a.....	34	20	24	SE.	Cavalando			0	do.		Domestic	
198.....	34	21	1	NE.	J. H. Turpin	Dug		13	Nov. 27	Bucket	do.	Water rises within 8 feet of surface in rainy season.
199.....	34	21	1	SE.	J. M. Clark	do.	(b)	04	do.			
200.....	34	21	12	NE.	do.	do.	(b)	11	do.		Domestic	
*201 (3 wells)...	26	17	28	SE.	Victoria Land & Cattle Co.	2 bored; 1 dug c.		58	Oct. 8	Windmills	Stock	
202.....	26	17	28	NW.		Bored		83	do.	Windmill		Material taken from well is mostly pebbly clay with some fine gravel.
203.....	26	17	32	SE.	D. F. Briggs			75	do.	None	Not in use	
204.....	27	16	20	NE.				20	Oct. 5	Windmill		
*205 (2 wells)...	27	16	8	NW.	G. Livingstone	Dug and bored	50, 63	24	Oct. 4	Windmills	Domestic and stock.	
206 (3 wells)...	27	16	8	NW.				d 38, e 28	Oct. 5	do.	Stock	
207 (2 wells)...	27	16	8	NE.	Victoria Land & Cattle Co.			17	do.	do.	do.	
208.....	27	16	21			Dug f				Windmill	do.	
209.....	27	17	6	SW.	P. M. Egan	Bored	90	72	Oct. 7	do.	Domestic	Struck water at depth of 78 feet.
210 (2 wells)...	27	17	5	SE.	Victoria Land & Cattle Co.			63	do.	Windmills	Stock	Wells sunk through clay and gravel.
211.....	27	17	5	SW.	Watson Walker	Dug and bored	90	63	do.			
212.....	27	17	6	SE.				85	Oct. 6			
213.....	27	17	7	SE.	Turnley Walker			70	Oct. 7	Windmill	Domestic	Water in sand and gravel. Mostly bouldery clay.
214.....	27	17	7	SW.	R. W. Baker		108	104	Oct. 6			
215.....	27	17	8	NW.	E. E. Orr			64	Oct. 7			
216.....	27	17	8	SE.	El Paso & Southwestern R. R.	Bored	108	60	do.	None	Not in use	
217.....	27	17	8	SW.	Elisha Orr	do.	90	64	do.		Domestic	Sunk through clay, sand, and caliche. Struck water at 60 feet.
*218.....	27	17	8	SW.	F. S. Cooper		81	60	Oct. 4	Gasoline engine and plunger pump.	do.	Capacity of pump about 20 gallons per minute. For log see Pl. IX.

a Spring.

b Sunk short distance below water level.

c Not in use.

d Used with windmill.

e Old closed well 250 feet northwest of used well.

f Old mine shaft (t).

No.	Location.				Owner or name.	Type.	Depth.	Water level.		Method of lift.	Use of water.	Miscellaneous data.
	T.	R.	Sec.	Quarter.				Depth below surface.	Date.			
210	27	17	17	NE.	J. D. Wade		Feet.	Feet.	1913.			
220	27	17	17	NW.	Sharp		70		Oct. 7	None	Not in use	
221	27	17	17	SW.			80		do			
222	27	17	18	NW.		Bored	85	41	Oct. 6	Windmill	Domestic	
223	27	17	18	NW.	J. A. Croom		83	61	do			
224	27	17	18	NW.				42	Oct. 2	do	do	
225	27	17	20	NW.				46	Oct. 6	do	do	
*225	27	17	21	SW.	R. E. Croom		70	52	Oct. 5	do	Stock and domestic	Struck water in sand and fine gravel at 80 feet.
226	27	17	28	NE.			70	55	do	None	Not in use	
*227	27	17	30	NE.	Wm. Adams	Bored	62	42	Oct. 2	Windmill	Domestic	Layers of clay and gravel.
*228	27	18	13	NE.	B. H. Baker	do	(b)	101	Oct. 6	Bucket	do	For log see Pl. IX.
229 c	28	16	22	SW.	Livermore Spring						Stock	
230 c	28	16	33		Cottonwood Spring							
231	28	16	33		Bennett							
232 c	28	17	17	SE.				0	Oct. 1	None	Stock	
233 c	28	17	31	NE.	Victoria Land & Cattle Co.			0	do	do	do	
234 c	28	17	31	NE.	do			0	do	do	do	
235 c	28	17	31	SE.	do			0	do	do	do	
236 c	28	17	5	SW.	do			0	do	do	do	
*237 c	28	17	5	SW.	Whitmore ranch of Victoria Land & Cattle Co.			0	do	do	Domestic	
238	29	16	30	SE.		Dug		41	Sept. 30	do	Not used	
239	29	16	31	NW.				10	do	do	do	
240	29	16	31	NE.	A. F. Lano	Dug		30	do	Unequipped	do	
*241	29	16	32	SW.	do		103	22	do	Gasoline engine and pump	Irrigation	See p. 119 and Pl. IX.
242	29	17	10	SE.		Dug	(b)	26	Dec. 17	None	Not used	
243 c	29	17	10	NE.				40	Oct. 1	do	Stock	
244 c	29	17	11	SE.				0	do	do	do	
245 (2 wells) c	29	17	11	SE.	Frank Gibson			113, 144	Dec. 17	do	Domestic	
*246	29	17	14	SW.	J. R. Hobbs		45	22	do	do	do	
247	29	17	21	SW.				34	do	do	do	
248	29	17	21	SE.	Gibson			22	do	Windmill	Domestic	
249	29	17	21	SW.	E. J. Clark			14	Dec. 10			
250	29	17	25	SW.				20				

<u>Well Number</u>	<u>Elevation</u>	<u>Well Number</u>	<u>Elevation</u>
1	/	23	4190
2	/	24	4200*
3	/	25	4210*
4	/	26	4210*
5	/	27	4210*
6	/	28	4190
7	/	29	4190
8	/	30	4200*
9	/	31	4200*
10	/	32	4190*
11	4270	33	4190
12	4263	34	4200
13	4253	35	4205
14	4234*	36	4237
15	4280	37	4207
16	4265*	38	4165
17	4289*	39	
18	4230	40	4190*
19	4250*	41	4195
20	4219	42	4158
21	4200*	43	4185
22 (west well)	4210	44	4157
(east well)	4210	45	4153
(well No. 3)	4210	46	4150

<u>Well Number</u>	<u>Elevation</u>	<u>Well Number</u>	<u>Elevation</u>
47	4160	73	4162
48	4160	74	4160
49	4160	75	4165
50	4180*	76	4168
51	4180*	77	4180
52	4180*	78	4178
53	4180*	79	4184
54	4210	80	4187
55	4150	81	4210*
56	4159	82	4220*
57	4159	83e	4196
58	4154	83f	4196
59	4157	84	4196
60	4156	85	4203
61	4155	86	4203
62	4155	87	4212
63	4157	88	4232
64	4157	89	4255
65	4161	90	4289
66	4161	91	4250*
67	4162	92	4250
68	4167	93	4260
69	4172	94	4280*
70	4166	95	4281*
71	4166	96	4330
72	4166	97	

<u>Well Number</u>	<u>Elevation</u>	<u>Well Number</u>	<u>Elevation</u>
98	4380	123	4450*
99	4390	124	4565
100	4380	125	4565
101	4400	126	4570
102	4407	127	4570
103	4420	128	4570
104	4437	129	4565
105	4470	130	4565
106	4300*	131	
107	4340*	132	4580
108	4430	133	4580
109	4430	134	4585
110	4470	135	4600*
111	4480	136	4600*
112	4487	137	4590
113	4494	138	4600
114	4525*	139	4612
115	4525*	140	4612
116	4525*	141	4612
117	4525*	142	4612
118	4530*	143	4625*
119	4565*	144	4625*
120	4537	145	4615
121	4550*	146	4615
122	4537	147	4620

<u>Well Number</u>	<u>Elevation</u>	<u>Well Number</u>	<u>Elevation</u>
148	4645	174	4960
149	4645	175	4975*
150	4645	176	
151	4655	177a	
152	4662	178	5137
153	4670	179	5150
154	4675	180a	
155	4675	181	5153
156	4675	182	5235
157	4687	183	5210
158	4710	184	5180
159		185	5145
160	4712	186a	
161	4712	187	5275*
162	4735	188	5250*
163	4745	189a	5150*
164	4750*	190a	5150*
165	4795	191	
166		192	5190
167		193a	5210
168		194a	
169		195a	5173
170		196	5155
171		197a	5150
172		198	5237
173		199	5232

<u>Well Number</u>	<u>Elevation</u>	<u>Well Number</u>	<u>Elevation</u>
200		226	4320
201	4320	227	4290
202	4330	228	4360
203	4370	229	/
204		230	/
205		231	/
206		232	/
207		233	/
208		234	/
209	4310	235	/
210	4310	236	/
211	4325	237	/
212	4315	238	/
213	4337	239	/
214	4337	240	/
215	4310	241	/
216	4317	242	/
217	4310	243	/
218	4310	244	/
219	4305	245	/
220	4290	246	/
221	4285	247	/
222	4317	248	/
223	4300	249	/
224	4285	250	/
225	4315		

Table 2 - Well records presented by Reeder (1957) with elevations as revised in this study. See footnotes at end of table.

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (°F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
19.20.18.320	Donaldson	-	-	3800	-	6	-	-	-	-	-	-	-	-	A	-	-	-	No equipment
19.21.12.322	do.	-	-	3780	-	6	-	-	-	80.04	6/29/55	PI	1.5	W	-	-	Top of casing, west side of well	+3.0	-
22.340	Oscar Rainville	-	-	4103	295M	6	-	-	-	Dry	6/16/55	PI	2.5	W	S	-	Top of casing, east side of well	+0.7	Well has not been used for long time
20.18.29.132	Bob Berger	-	-	4560	480+M	-	-	-	-	471.96	8/17/55	PI	2	E	D,S	-	Top of casing	0.0	-
20.19.15.321	Charles Fuller	-	1/17	4340	361.3M	5	-	-	365	335.64	5/20/54	PI	2	W	D,S	81.0	Top of casing, north side of well	+0.2	-
20.20.16.220	Harry Day	M. T. Burnett	4/47	4207	245	6	225	20	245	221.52	6/16/55	PI	2.5	W	S	-	Top of casing, west side of well	+1.0	-
30.140	Ramon Fuller	S.M.Backer	-	4253	-	6	-	-	-	266R	7/ 6/55	PI	3	W,G	D,S	-	Top of casing, south side of well	+0.5	-
20.21. 1.140	Harry Day	M. T. Burnett	4/47	4160	350	6	330	15	350	323.07	6/15/55	PI	2.5	W	D,S	-	Top of casing, north-east side of well	+1.5	Located 150 feet southeast of abandoned well
12.430	S.M.Backer	S.M.Backer	-	4160	421	8	-	-	-	316.90	7/ 6/55	PI	3	W	D,S	-	Top of casing, east side of well	+0.5	-
17.130	Harry Day	-	-	4000	171	6	-	-	-	-	-	S	2.5	E	S	71	-	-	Reported pump setting, 148 feet
22.334	do.	S.M.Backer	-	4067	235	6	-	-	-	209.74	6/15/55	PI	2	W	S	-	Top of casing	0.0	Reported 225 feet of pumping equipment
21.18.18.130	Bob Berger	-	-	4454	-	6	-	-	-	483R	6/16/55	PI	3	W	S	83	-	-	-
21.20. 1.410	Harry Day	-	-	4250	-	-	-	-	-	-	-	PI	4	W,G	S	82	-	-	-
34.130	do.	-	-	4200	-	-	-	-	-	183.63	6/15/55	PI	4	W	S	-	Hole in base, south side	0.0	100 feet south of another well
21.21.35.440	do.	-	-	4172	400	6	-	-	-	375R	6/14/55	PI	4	W	S	78	-	-	-
22.18.17.424	B.Reynolds	-	-	4230	-	-	-	-	-	137.23	6/17/55	PI	3	W	S	-	Top of plate, north side	+0.2	-
19.320a	C.E.Boyd	-	-	4180	-	10	-	-	-	106.94	6/17/55	-	-	-	A	-	Top of casing, east side of well	+0.7	200 feet northeast of domestic well
20.340	Glenn Shumway	Mimbren Valley Drill. Co.	-	4190	-	16	-	-	-	165.5P	6/17/55	T	6	E	I	71	Hole in pump case, south side	+0.5	-
20.440	A.V.Brown	-	-	4190	163M	6	-	-	-	136.73	6/17/55	PI	2.5	E,W	D,S	69	Hole in plate, east side	+0.5	Reported 150.5 feet pump column
20.442	Glenn Shumway	-	-	4190	-	6	-	-	-	112.93	6/17/55	S	2.5	E	D	-	Top of casing, east side of well	+1.0	Pump at house
21.421	Dale Mead	-	-	4210	174	6	-	-	-	113.2	6/20/55	PI	3	W	D	-	Hole in base, south side of well	+0.3	-

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
22.18.29.210b	Baker	-	-	4180	-	10	-	-	-	109.75	6/17/55	T	6	E	I, S	-	Top of 10-inch casing, north side of well	+0.5	50 feet east of domestic well
22.19. 1.443	G. S. Culberson	-	-	4270	-	6	-	-	-	181.26	6/16/55	PI	2	W	S	76	Top of casing, south side of well	+0.5	-
5.322	Clayton	-	-	4205	-	5	-	-	-	250R	6/14/55	PI	1.5	W	S	-	Top of casing, south side of well	+0.5	-
10.244	G. S. Culberson	-	-	4220	-	6	-	-	-	149.49	6/16/55	PI	2	W	S	-	Top of casing, north side of well	+0.6	-
12.241b	do.	-	-	4250	-	5	-	-	-	150R	6/16/55	PI	2	W	D, S	73	-	-	150 feet southeast of electric pump
17.410	Frank Clayton	Lee Childress	1946	4185	-	5	-	-	-	165.28	6/14/55	PI	2.5	W	S	70	Top of casing, east side of well	+3.0	-
23.130	G. S. Culberson	A.V. Brown	-	4180	-	6	-	-	-	95R	6/16/55	PI	3	W	S	85	-	-	-
24.233	do.	do.	-	4180	-	6	-	-	-	91.49	6/16/55	PI	2	W	S	-	Top of casing, south side of well	+0.3	Schweensen well No. 35
22.20.18.411	Frank Clayton	-	-	4158	300	-	-	-	-	275R	6/14/55	PI	3	W	S	-	-	-	-
22.133	do.	-	-	4160	-	6	-	-	-	111.10	6/14/55	-	-	-	A	-	East side of casing	+1.0	No equipment
23.244a	do.	Lee Childress	-	4190	185M	4	-	-	-	159.52	6/14/55	PI	-	W	A	-	Top of casing, west side of well	+1.0	60 feet southeast of used stock well
22.21. 3.312	do.	do.	1946	4250	-	6	-	-	-	445.65	6/14/55	PI	3	W	S	95	West side of casing	+3.0	Blowing well
32.140	Mary Braidfoot	-	-	4680	100	6	-	-	-	74.23	6/21/55	PI	2	W	D, S	-	Top of casing, north-west side of well	+0.7	¼ mile northwest of 2 other wells
32.340	do.	-	-	4560	125	6	-	-	-	115.59	6/21/55	PI	2	W	D, S	71	Top of casing, south side of well	+1.2	50 feet southwest of dry well 100 feet deep
23.19. 7.220	Fred Kerr	-	-	4190	-	6	-	-	-	120.2P	6/21/55	PI	2	W	S	72	Top of casing, south-east side of well	+0.5	-
18.230	do.	-	-	4180	142	5	-	-	-	102.35	7/ 6/55	PI	2.5	W	D, S	-	Top of casing, east side of well	+0.8	-
23.20.12.322	-	-	-	4150	-	-	-	-	-	57.28	7/28/48	PI	2	W	S	67	Top edge of east pipe clamp	+2.45	Pit 4 by 4 feet
13.414*	-	-	-	4150	-	8	-	-	-	-	-	PI	-	W	S	74	-	-	-
18.444	-	-	-	4144	-	6	-	-	-	124.77	7/ 7/55	-	-	-	A	-	Top of casing, north side of well	+1.3	-
25.422	Kerr Cattle Co.	-	4/48	4150	150	16	-	-	-	31.36	5/21/48	T	8	G	II, A, D	-	Top of casing, east side of well	+0.80	-

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
23.20.31.333	—	—	—	4155	40M	—	—	—	—	39.2P	7/27/48	PI	2	W	S,O	—	Top edge of north pipe clamp	+1.40	Pit 3 by 3 feet
34.433	Kerr	—	—	4150	—	6	—	—	—	18.8P	4/ 6/48	PI	3 (?)	W	S,O	—	Top edge of casing, north side of well	+2.38	—
36.444	Fred Kerr	—	12/50	4160	115	16	—	—	115	33.85	1/11/51	T	8	B	I	—	Top of casing, north side of well	+1.00	Well deepened to 200 feet in 1951
23.21.34.122	John Guess	John Guess	—	4320	65	—	—	—	—	59.41	6/28/55	PI	2	W	D,S	—	Top of well floor	+1.00	—
35.211	George Kerr	—	—	4260	—	—	—	—	—	56.90	6/21/55	PI	1.5	W	D,S	—	South side of well floor	+0.8	150 yards southeast of another well
24.20. 1.422	Fred Kerr	Morrison Drill. Co.	12/50	4165	112	16	45	35	112	42.37	1/11/51	T	8	B	I	—	Top of casing, south side of well	+1.0	—
1.444*	do.	—	6/47	4162	92	18	—	—	—	29.75	4/ 4/48	T	7.5	B	I,O	66	Top of east 8- by 8-inch cross tie	+0.10	Pit; diameter 30 inches, depth 28 feet
4.120	do.	—	—	4151	—	6	—	—	—	20.6	7/ 6/55	PI	2	W	S	68	Top of casing, north side of well	+0.3	—
4.211	do.	Border Drill. Co.	6/51	4151	67	6.5	18	2	67	—	—	PI	—	W	S	—	—	—	Casing perforated from 27 to 67 ft. Old well deepened
12.224	do.	McBee Drill. Co.	4/53	4164	112	16	30 (?)	60	112	39.85	5/25/55	T	6	E	I	—	Bottom of pump base, north side	+0.3	Casing perforated from 36 to 103 feet
13.133	Pete Kerr(?)	—	—	4155	26	6	—	—	—	14.02	5/21/48	PI	3 (?)	W	S,O	—	Top of casing	+0.40	—
14.214	Kerr	—	—	4155	32M	—	—	—	—	14.77	4/ 4/48	T	6	G	I,O	65	West north-south cross brace	0.0	Pit 10 by 10 feet
19.243	John Bogart	Morrison Drill. Co.	3/49	4175	111	16	40	45	111	46.44	5/ 4/55	—	—	—	I	—	Lower edge of hole in southeast side of casing	+0.2	Casing perforated from 29 to 111 ft. Pumping equipment removed
19.244	R.C.Macow	do.	3/49	4175	110	16	35	32	—	—	—	T	8	B	I	67	—	—	Casing perforated from 30 to 100 feet
19.444	do.	—	4/48	4175	100	16	35	45	—	33.16	4/ 4/48	T	8	G	I,O	—	Top of casing, south side of well	+0.91	—
22.222	W.W.Roark	—	—	4162	28M	6	—	—	—	17.35	5/21/48	PI	2	II	U,O	—	Top edge of collar on casing, north side of well	+0.95	—
23.311	Don Kerr	Don Kerr	8/55	4165	34	6	—	—	—	22.84	9/13/55	—	—	—	—	—	Top of casing, east side of well	+1.0	Hand auger
25.444	Elmer L. Kerr	—	—	4180	—	—	—	—	—	73.6P	5/ 3/35	T	8	E	I	70	Notch in casing, west side of well	+1.4	—

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
24.20.29.323	Mrs. Mae Smith	McBee Drill. Co.	4/53	4177	125	16	48	76	125	44.68	5/ 4/55	T	8	B	I	66.5	Hole in casing, east side of well	+0.2	—
29.333	do.	Brown & Ledford	3/48	4186	142	14	37	23	98	37.39	4/ 6/48	T	6	B	I,O	66	Top edge of collar on 14-inch casing	0.0	Casing perforated from 48 to 98 feet
29.341	do.	do.	3/48	4180	98	16	35	58	96	—	—	T	8	G	I	65.5	—	—	Casing perforated from 41 to 96 feet
31.221a	D. A. McGhee	Jim Wells	—	4190	70	12	—	—	—	53.24	5/ 3/55	PI	—	D	M	—	Top of casing, south side of well	+0.4	—
31.221b	do.	do.	—	4190	70	12	—	—	—	53.27	5/ 3/55	PI	—	D	M	—	Top of casing	+0.3	—
31.221c	do.	do.	—	4190	50M	8	—	—	—	Dry	5/ 3/55	—	—	—	A	—	Top of casing, south side of well	+4.0	—
31.221d	do.	do.	—	4190	70	12	—	—	—	52.23	5/ 3/55	PI	—	D	M	—	Top of casing, south side of well	+1.55	—
31.221e	do.	do.	—	4190	—	12	—	—	—	52.32	5/ 3/55	—	—	—	A	—	Top of casing, south side of well	+3.00	—
33.333	T. H. McCants	J. D. Turner	9/54	4190	118	—	50	50	—	—	—	—	—	—	S	—	—	—	—
34.444	Elmer L. Kerr	Leonard Tyler	4/51	4180	30	6	22	6	30	25.87	1/11/51	PI	—	W	S	—	Top of casing	+1.60	—
35.214	do.	do.	5/47	4171	79	12	—	—	—	17.40	4/ 4/48	T	8	G	I,O	66	Top of casing, south side of well	+0.50	—
35.214a	do.	do.	1950	4171	80	14	—	—	—	23.20	11/23/54	T	8	E	I	67	Notch in south side of casing	-0.02	—
36.222	do.	George Kerr	8/53	4180	145	18	32	55	145	34.84	5/19/55	T	8	E	I	—	Bottom of slot, west side of casing	+1.25	Casing perforated from 16 to 145 feet
24.21.12.223	Graham	—	—	4190	—	18	—	—	—	55.61	7/ 6/55	PI	3	W	D	72	Hole in base, east side of well	+1.00	—
25.19. 7.134	H. E. Baker	—	1936	4193	74	32	—	—	—	23.46	4/ 1/48	T	6	G	I,O	84.5	Top of concrete curb, south side of well	-0.60	—
7.143	do.	—	—	4195	32M	6	—	—	—	28.92	1/22/53	PI	—	W	D,S	98	Top of collar on casing	+1.95	—
7.234*	Richins & McDonald	Brown & Ledford	10/48	4205	95	18	45	30	90	31.65	11/21/48	—	—	—	I,O	210	Top of casing, south side of well	+1.04	Casing perforated from 42 to 90 feet
7.234a	do.	McDonald Drill. Co.	11/51	4205	106	12	33	13	93	32.47	9/11/52	—	—	—	I,A	—	Top of casing	+0.60	150 feet southeast of well 25.19.7.234
7.234b	do.	do.	11/53	4205	83	12	50	12	83	—	—	T	5	G	I	220	—	—	Casing perforated from 50 to 82 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
25.19. 7.342	M.T.Folk	Folk	1954	4197	300	16	-	-	-	-	-	T	8	B	I	-	-	-	-
7.344	do.	do.	3/51	4197	150	14	-	-	-	37.02	5/18/55	T	5	D	I	-	Bottom edge of notch in south side of casing	0.0	-
10.311*	-	-	1952	4410	-	6	-	-	-	198.55	3/18/55	PI	2	W	S	-	Top of casing, south side of well	+1.0	-
24.334	-	-	-	4850	-	-	-	-	-	70.01	3/18/55	PI	.5	W	D,S	-	Top of board, north side of well	+2.5	-
32.111	Wamel (?)	-	-	4350	-	6	-	-	-	172.77	9/16/55	PI	-	-	S,U	-	Top of casing	+0.80	-
25.20. 1.323	T. H. McCants	-	-	4185	-	4	-	-	-	21.6P	4/ 6/48	PI	-	W	S,O	-	Top of casing, east side of well	+1.30	-
8.111	do.	T. H. McCants	1930	4220	80	36	-	-	-	57.50	4/ 6/48	PI	4	W	S,D,O,I	-	Top edge of north pipe clamp	+1.15	-
10.222	Valley View Pres. Church	-	-	4191	32M	4	27	5	-	27.44	4/ 6/48	PI	3	W	D,O	-	Top of casing, south side of well	+0.50	Well deepened. (See next line)
10.222	do.	D.A.Lee	-	4191	100	8	32	28	-	37.99	1/22/55	PI	3	W	D,O	-	Top of casing, south side of well	+0.50	Well deepened, same as above
10.233	Kenneth Wallace	Morrison Drill. Co.	1/49	4196	180	16	32	79	180	35.70	7/21/50	T	8	D	I	-	Lower edge of 6-by 9-in. notch in casing	+0.60	-
10.244	Joe Finley	do.	1/49	4197	180	16	32	48	180	33.20	7/21/50	T	8	-	I	67	Lower edge of 6-by 9-in. notch in casing	+0.50	Casing perforated from 39 to 160 feet
10.244a	L. J. Stewart	V. A. Youngblood	-	4197	70	6	32	18	70	-	-	J	1.5	E	D	-	-	-	Casing perforated from 39 to 70 feet
10.344	W.A. & J.O. Bishop	Mr. Sidey	-	4200	96	14	-	-	-	33.14	4/ 1/48	T	6	G	I,O	66.5	Top of concrete curb, high point on northeast side	+0.10	Pit diameter 36 inches
10.344a	W. A. Bishop	Leonard Tyler	6/52	4200	155	16	33	45	155	51.30	5/20/55	T	8	E	I	-	Top of outer casing, east side of well	+0.7	Casing perforated from 55 to 155 feet
10.443	W.A. & J.O. Bishop	L. C. Tyler	6/48	4202	105	18	33	37	105	33.46	4/ 1/48	T	8	G	I,O	-	Upper surface concrete, north side of well	+0.10	Casing perforated from 34 to 105 feet
11.344	George S. Tippetts	H. Wood	12/37	4205	99	20	-	-	-	-	-	T	6	-	II,A	-	-	-	-
12.123	T. H. McCants	Pedro Simpson	3/48	4185	90	16	-	-	-	22.20	4/ 1/48	T	8	G	I,O	-	Top of casing, north side of well	+1.00	-

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks	
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)		
25.20.13.213*	George Wright	L. K. Sheppard	8/48	4195	123	18	57	33	123	28.55	9/23/48	T	11.5	B	I,O	68	Top of casing	+1.40	Pump not at full speed when discharge measured	
13.214	do.	Daniels Bros.	5/45	4195	206	14	—	—	206	23.88	4/ 1/48	T	8	G	I,O	67	Top of casing, south side of well	+1.18	—	
13.233	L. F. Rudiger	Mimbres Valley Drill. Co.	5/52	4199	145	20	30	88	138	47.74	5/18/55	T	8	E	I	—	Hole in base of pump	+2.00	Old dry well deepened from 38 feet. Casing perforated from 60 to 135 feet	
13.343	do.	McBee Drill. Co.	12/52	4210	200	16	32	61	200	55.35	5/18/55	T	8	E	I	—	Top of casing, north side of well	+0.80	Casing perforated from 60 to 200 feet	
13.344	do.	Garrett Drill. Co.	2/52	4210	150	18	48	59	150	62.09	5/18/55	T	8	E	I	—	½-inch hole in north side of pump shell	+0.90	Casing perforated from 50 to 150 feet	
13.432	Jundt & Rudiger	—	—	4205	74	16	—	—	—	30.68	4/ 1/48	—	—	—	II,A,O	—	Top of concrete curb, south side of well	0.0	Pit; diameter 45 inches, depth 28 feet	
13.433	do.	—	—	4205	70	16	—	—	—	32.38	4/ 1/48	—	—	—	II,A,O	—	Top edge of 6- by 6-in. wood crib for support	+0.50	Pit 10 by 10 feet	
15.122	Mrs. H.K. Wood	—	1927	4200	50	6.5	—	—	—	34.41	4/ 1/48	PI	6.5	—	A,O	—	Top of casing	+5.75	—	
15.122a	do.	Hert Wood	1936(?)	4200	49	14	—	—	—	37.53	1/17/50	T	4	G	I,O	—	Lower edge of metal plate over well	-0.10	—	
15.211	Max DeVilbiss	—	—	4205	160	16	—	—	—	74.9P	5/20/55	T	8	E	I	68	Bottom of pump base, west side	0.0	Casing perforated from 45 to 120 feet	
15.411	Mrs. H.K. Wood	McBee Drill. Co.	1/53	4205	158	6	73	50	158	40R	1/20/53	—	—	—	—	—	—	—	—	Casing perforated from 125 to 155 feet
16.333	T. H. McCanta	Morrison Drill. Co.	1/51	4214	142	16	51	42	142	57.17	11/10/54	T	8	E	D,I	—	Top edge of concrete base, north side	+1.00	Casing perforated from 60 to 142 feet	
20.142	Mr. Standberry	—	—	4240	68M	—	—	—	—	60.09	4/ 6/48	PI	2	W	S,O	—	Top of west pipe clamp	+1.36	—	
20.142b	do.	—	1951	4240	112	6	—	—	—	64.28	1/28/52	PI	4	W	D	—	Top of casing, north side of well	+1.00	—	
20.244	Baer Farms	L. Tyler	2/54	4220	150	16	55	31	150	60.24	6/16/54	T	10	B	I	68	Hole in casing, south side of well	+0.80	Casing perforated from 129 to 150 feet	
20.444	Mr. Standberry	Borger Drill. Co.	5/50	4220	130	16	58	28	105	51.75	5/22/50	—	—	—	II	—	—	+1.50	Casing perforated from 55 to 105 feet	
22.313*	G. S. Tippetts	Pedro Simpson	3/48	4200	102	18	47	43	102	48.70	11/22/48	T	10	B	I,O	66	Lower edge of pump base, west side of well	+0.50	Casing perforated from 45 to 100 feet. 24-inch casing from 0 to 50 feet. 18-inch casing from 40 to 100 feet	

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
25.20.22.313a	S.O. Wright	McBee Drill. Co.	3/55	4220	208	16	50	66	208	66.27	5/ 3/55	T	10	B	I	68	Top of casing, west side of well	+1.00	Casing: 16 inch perforated from 75 to 105 feet. 14 inch perforated from 105 to 200 feet
23.342	Gayle	G. E. McKenzie	8/49	4220	112	14	42	70	107	55.92	9/27/50	T	8	G	II	-	Top of casing	+0.60	Well deepened April 1953 (See next line)
23.342	DeVilbiss H.H. Hatch	McBee Drill. Co.	4/53	4220	172	15.5	-	-	172	71.42	5/17/55	T	8	E	I	67	Top of 2- by 6-inch board, north side	+0.3	Casing: 15.5-inch perforated from 32 to 107 feet. 12 inch perforated from 100 to 172 feet
23.443	Gayle DeVilbiss	Brown & Ledford	3/49	4221	120	-	41	39	120	-	-	T	-	-	I	68	-	-	Casing perforated from 60 to 120 feet. Well deepened 4/53. (See next line)
23.443	do.	D.A. Lee	4/53	4221	217	14	138	24	-	66.60	5/17/55	T	10	E	I	67	-	+2.5	Same well as above, deepened
24.124	Elmer L. Kerr	-	3/48	4210	107	36	-	-	-	34.60	4/ 1/48	-	-	-	II, O	-	Lower edge of board across well	0.0	-
24.233	Jundt & Rudiger	Elmer Kerr	4/48	4212	123	20	-	-	-	35.12	4/ 1/48	T	10	B	I, O	67	Top of casing, west side of well	+0.20	Well deepened 11/52. (See next line)
24.233	H. Jundt	McBee Drill. Co.	11/52	4212	226	16	103	64	226	56.95	11/23/54	T	10	E	I	68	Top of casing, north side of well	+0.10	Same well as above, deepened 11/52 with 16-inch casing all perforated
24.313	Jundt & Rudiger	Elmer Kerr	4/48	4220	97	16	-	-	-	42.43	4/ 1/48	T	-	B	I, O	67	Top of casing, north side of well	+0.70	Well deepened 7/52. (See next line)
24.313	H. Jundt	Mimbres Valley Drill. Co.	7/52	4220	200	16	100	74	200	63.70	4/ 1/54	T	8	E	I	-	Top of casing, north side of well	+0.43	Same well as above, deepened. 16-inch casing to 100 feet. 12-inch casing from 95 to 200 feet, perforated from 100 to 195 feet
25.224	Richins Bros.	Williams & Youngblood	11/49	4240	160	20	60	77	137	56.94	1/19/50	T	8	E	I	70	Top of casing	+0.80	16-inch casing from 0 to 29 feet. 20-inch casing from 29 to 160 feet, perforated from 57 to 160 feet
25.244	Darrell Richins	McBee Drill. Co.	5/54	4249	280	16	90	138	271	113.5P	5/18/55	T	10	E	I	71	Bottom of pump base, west side	+1.00	Casing perforated from 95 to 195, 215 to 223, and 231 to 271 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
25.20.25.314	Richins Bros.	Pete Kerr	1/48	4230	107	18	50	38	107	50.07	4/ 1/48	T	10	D	I,O	67.5	Top of casing, south side of well	+0.50	Casing perforated from 52 to 107 feet. Well deepened 2/55. (See next line)
25.314	do.	McBee Drill. Co.	2/53	4230	306	16	107	72	304	73.08	11/23/54	T	11.5	E	I	67	Hole in top of casing, east side of well	+1.52	Same as above, deepened. 16-inch casing to 111 feet, 12-inch casing from 105 to 304 feet, perforated from 100 to 300 feet
25.334*	do.	Hollis Williams	3/48	4240	115	18	55	46	115	54.94	4/ 1/48	T	10	D	I,O	67	Top of casing, north side of well	+0.60	Casing perforated from 63 to 115 feet. Well deepened 6/51. (See next line) Well collapsed 1954
25.334*	do.	V. A. Youngblood	6/51	4240	299	16	181	78	285	—	—	T	8	E	I	67	—	—	Same well as above, deepened. Casing: 16 inch from 113 to 201 feet, 12 inch from 201 to 285 feet, all perforated
25.334a	do.	McBee Drill. Co.	2/55	4240	350	20	55	64	350	—	—	T	8	B	I	70	—	—	Casing: 20 inch from 0 to 188 feet, perforated from 90 to 100 feet, 16 inch from 181 to 350 feet, perforated from 228 to 312 feet
25.424	do.	Mimbres Valley Drill. Co.	6/52	4250	232	18	80	74	232	123.0P	5/17/55	T	8	E	I	70	Hole in casing, north side of well	+0.80	Old dug well deepened from 80 to 232 feet. Casing perforated from 80 to 228 feet
25.434	R.H.Wamel	Hollis Williams	3/48	4245	120	16	77	49	—	62.95	4/ 3/48	T	8	G	I,O	70	Top of casing	+0.42	Diameter: 16 inches to 150 feet, 14 inches to 199 feet. Deepened to 150 feet 1949, to 200 feet 12/49
25.443	Richins Bros.	McBee Drill. Co.	11/52	4249	198	20	80	42	198	—	—	T	8	E	I	70	—	—	Casing perforated from 50 to 195 feet
25.444	do.	Williams & Youngblood	3/48	4260	85	16	—	—	—	69.00	4/ 1/48	T	8	D	I,O	72	Top edge of 6- by 8-inch cross tie	+0.70	Deepened to 204 feet 11/49 (See next line.)
25.444	do.	—	11/49	4260	204	16	85	88	204	108P	5/17/55	T	8	E	I,O	73	—	—	Same well deepened. Casing perforated from 72 to 204 feet
26.144	Guyle DeVilbiss	Brown & Ledford	2/49	4225	120	16	46	70	120	56.23	9/27/50	T	10	B	I	—	Top of casing	+1.5	Casing perforated from 60 to 120 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
25.20.26.243	Gayle DeVilbiss	G. E. McKenzie	7/49	4225	153	15.5	46	80	153	-	-	-	-	-	I	-	-	-	Casing perforated from 85 to 153 feet. Deepened 10/53 (See next line)
26.243	T. R. Crum	McBee Drill. Co.	10/53	4225	200	15.5	153	22	-	75.51	5/17/55	T	8	E	I	67	Top of casing, south side of well	0.0	Same well as above, deepened. 153 feet of 15.5-inch casing, 87 feet of 12 inch, perforated from 85 to 153 feet and from 113 to 180 feet
26.244	do.	do.	2/52	4230	186	18	61	31	186	78.48	5/17/55	T	8	E	I	67	Top of casing, west side of well	+1.00	Casing perforated from 60 to 185 feet
26.344	W. Veck	Brown & Ledford	3/48	4230	120	22	60	40	110	48.00	4/ 2/48	T	8	B	I, O	-	Lower edge of 2- by 2-inch hole in casing	-0.25	Casing perforated from 30 to 86 feet. Well deepened (See next line)
26.344	do.	McBee Drill. Co.	7/53	4230	218	16	120	63	218	73.52	11/23/54	T	8	E	I	68	Top of casing, south-east side of well	+0.85	Same well as above, deepened. Casing: 16 inch from 0 to 140 feet, perforated from 54 to 110 feet, 12 inch from 114 to 218 feet, perforated from 118 to 218 feet
27.233	S. O. Wright	do.	4/55	4220	205	16	60	79	202	105.5P	5/ 3/55	T	8	B	I	67	Top of casing, north side of well	+0.5	Casing perforated from 78 to 198 feet
27.342	do.	do.	4/55	4230	220	16	50	90	220	87.9P	5/20/55	T	8	B	I	67	Top of casing, east side of well	+0.6	Casing perforated from 80 to 215 feet
27.434	George S. Tippeits	-	1948	4227	102	16	-	-	10.2	64.5P	4/ 2/48	T	7.5	B	I, D, O	66	Top of concrete curb, north side of well	0.0	Pit; diameter 24 inches, depth 49 feet. Casing perforated from 55 to 102 feet
27.434a	S. O. Wright	McBee Drill. Co.	1/55	4227	270	16	50	59	210	-	-	T	8	B	I	67	-	-	Located 12 feet south of old well casing. Perforated from 87 to 148 feet and from 194 to 200 feet
29.244	Rachel & Sadie Baer	Garrett Drill. Co.	3/52	4230	146	16	-	-	-	67.53	5/20/55	T	8	D	I	68	Hole in pump base, south side	+1.20	-
29.424	Mr. Standberry	G. M. McKenzie	1949	4230	125	16	55	65	125	43.80	1/18/50	T	10	G	I, O	67.5	-	+0.65	Casing perforated from 55 to 125 feet
34.134	W. A. Tyler	D. A. Lee	6/53	4230	160	20	77	42	160	77.37	5/19/55	T	8	B	I	67	Top of casing, west side of well	0.0	Casing perforated from 80 to 160 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
25,20,34,144	W.A.Tyler	L.C.Tyler	3/50	4232	103	16	52	33	103	58.68	9/27/50	T	8	B	I	67	Top of concrete well curb, east side of well	0.0	Pit; diameter 36 inches, depth 57 feet. Casing from 53 to 103 feet perforated
34.241	H.H.Hatch	A. E. Jameson	1948	4230	120	16	-	-	-	51.45	4/ 2/48	-	-	-	A,O	-	Top of concrete curb, west side of well	0.0	Pit; diameter 36 inches, depth 50 feet. Water-stage recorder installed 11/21/48. Depth 87 feet, measured 3/50
34.241a	do.	-	-	4232	84	36	-	-	-	55.72	9/24/48	-	-	-	A,O	-	Top of concrete curb, east side of well	-0.42	Depth 84 feet, measured 3/50
34.242	do.	-	-	4232	-	8	-	-	-	55.40	2/15/50	P	-	W	D,U	-	Top of concrete well curb on south side	+0.32	Well cased below about 20 feet
34.244	do.	-	10/48	4232	146	16	51	65	146	56.78	2/15/50	T	8	B	I,D	68	-	+1.20	Casing perforated from 54 to 144 feet
34.244a	Cotton City Store	Garrrett Drill. Co.	2/52	4232	128	6	79	21	128	-	-	T	1.5	E	D	-	-	-	Casing perforated from 70 to 128 feet
34.333	W.A.Tyler	Leonard Tyler	6/53	4240	176	16	82	47	176	82.22	5/19/55	T	8	B	I	66	Hole in casing, west side of well	+0.20	Casing perforated from 84 to 176 feet
34.344	do.	L.C.Tyler	4/48	4240	110	18	54	30	110	54.35	5/23/48	T	8	G	I,O	66.5	Top of concrete curb, east side of well	0.0	Casing from 50 to 110 feet all perforated. Pit; diameter 36 inches, depth 53 feet, cemented
34.422	Western Cottonoil Co.	Williams & Youngblood	7/48	4237	120.5	8	64	56	120	-	-	T	4	E	M	-	-	-	Casing perforated from 60 to 120 feet
34.422a	do.	Turner Drill. Co.	6/53	4237	200	10	90	73	200	89.80	5/ /55	-	-	-	U	-	Top of casing, west side of well	0.0	Casing perforated from 90 to 170 feet. Two other wells within 16 feet east of this well
34.434	W.A.Tyler	L.C.Tyler	2/49	4240	117	18	56	38	117	66.14	9/27/50	T	8	B	I	67.5	Top of concrete well curb	0.0	Pit; diameter 36 inches, depth 58 feet, cemented. Casing perforated from 58 to 117 feet
34.444	do.	Leonard Tyler	6/52	4242	163	16	60	54	163	90.60	5/19/55	T	6	E	I	69	Hole in casing, west side of well	0.0	-
35.241	W. Veck	Brown & Ledford	3/48	4237	120	16	57	38	108	53.25	4/ 2/48	T	10	G	I,O	69.5	Lower edge of pump base, north side	+0.51	Casing perforated from 48 to 108 feet. (See next line.)

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
25.20.35.241	W. Veck	McBee Drill. Co.	7/53	4237	205	16	120	30	—	80.63	11/24/54	T	8	E	I	69	Lower edge of pump base, south side of well	+0.51	Same well deepened 7/53. 12-inch casing perforated from 100 to 180 feet
35.313	do.	Brown & Ledford	3/48	4237	130	16	55	45	—	55.77	4/ 2/48	T	10	B	I,O	68.5	Top of casing, north-west side of well	+0.95	Well deepened 6/53. (See next line)
35.313	do.	McBee Drill. Co.	6/53	4237	210	16	130	30	210	92.5P	5/17/55	T	10	E	I	—	Top of casing, south side of well	+0.95	Same well as above, deepened. 16-inch casing perforated 60 feet, 12-inch casing perforated from 106 to 210 feet
35.314	do.	Folk Drill. Co.	7/51	4237	160	16	56	80	160	100.5P	5/17/55	T	8	E	I	69	Hole in base of pump, southwest corner of pump	+2.5	Casing perforated from 60 to 160 feet
35.343	do.	McBee Drill. Co.	7/53	4240	200	16	80	82	190	163.0P	5/16/55	T	9.5	E	I	73	Top of casing, south side of well	0.0	Casing perforated from 100 to 190 feet
35.344	do.	Brown & Ledford	12/47	4240	120	16	67	38	120	58.49	4/ 2/48	T	10	G	I,O	—	Lower edge of 2-by-3-inch hole in casing	+0.10	Casing perforated from 60 to 120 feet west side. Well deepened 3/52. (See next line)
35.344	do.	Garrett Drill. Co.	3/52	4240	160	14	148	7	—	88.09	11/24/54	T	6	E	I	70	Top of casing, west side of well	+0.98	Same well as above, deepened to 200 feet, plugged back to 160 feet
35.434	do.	Brown & Ledford	12/47	4240	120	16	80	25	108	50.27	4/ 2/48	T	8	B	I,O	72	Top of casing, north side of well	+0.30	Casing perforated from 60 to 108 feet. Deepened 5/52. (See next line)
35.434	do.	McDonald Drill. Co.	5/52	4240	190	12	160	11	190	—	—	T	8.75	E	I	73	—	—	Same well as above, deepened. 12-inch casing perforated from 100 to 190 feet. Well is 150 feet east of a plugged well
35.444	do.	Fred Boggs	6/49	4250	205	16	50	45	205	—	—	T	8	B	I	71.5	—	—	Casing perforated from 99 to 199 feet
26.18. 8.143	Joe Heaston	—	—	4900	—	6	—	—	—	171.4	3/15/55	P1	3.5	W	S	—	Slot in northwest side of casing	+0.3	—
26.19.20.222	R.W.Wamel	—	—	4440	—	5	—	—	—	201.05	9/16/55	P1	2(?)	W	S,O	—	Top of casing	+0.80	Another stock well 15 feet to south equipped with pump jack

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
26.19.20.222a	R.H.Wamel	V. A. Youngblood	4/51	4440	350	6	218	9	-	-	-	P1	-	-	S,U	-	-	-	15 feet south of another stock well
31.133	Richins Bros.	Mimbres Valley Drill. Co.	3/52	4340	400	-	-	-	-	-	-	-	-	-	A	-	-	-	Old well, depth 180 feet, deepened. Casing removed. Well filled
31.333	Luther Edwards	Williams & Youngblood	5/48	4340	200	14	89	45	200	85.27	7/26/48	T	B	B	I,O	69.5	Top of casing, high point on south side of well	+3.60	Casing perforated from 83 to 200 feet
26.20. 2.344	R.H.Wamel	J. V. Ledford	8/48	4260	156	16	61	79	156	66.69	10/13/48	T	B	D	I,O	-	Top of casing, west side of well	+1.05	Casing perforated from 75 to 157 feet
4.144	L.W.Roark	McBee Drill. Co.	1/53	4243	200	16	80	70	200	86.41	5/10/51	T	B	E	I	67	Plug in northwest corner of pump	+1.00	Casing perforated from 80 to 195 feet
4.244	W.W.Roark	Mimbres Valley Drill. Co.	4/52	4240	200	15.6	59	83	200	96.6P	5/11/55	T	-	E	I	68	Top of casing, east side of well	+0.4	Casing perforated from 70 to 200 feet
4.324	do.	McBee Drill. Co.	6/50	4243	106	18	76	16	-	67.40	5/23/50	-	-	-	II	-	Ground level	0.0	Incomplete 5/23/50. Well deepened 3/52. (See next line)
4.324	do.	do.	3/52	4243	186	18	115	26	186	87.87	5/10/55	T	B	E	I	66.5	Bottom of pump base	+0.50	Same well as above, deepened. Cemented from 0 to 63 feet. Casing: 18 inch from 63 to 107 feet, 14 inch from 100 to 186 feet
4.344	do.	L.C.Tyler	3/50	4246	109	16	-	-	-	67.59	5/23/50	T	B	G	I	-	Top of concrete well curb, west side	+0.80	Pit; diameter 24 inches. Well deepened 4/52. (See next line)
4.344	do.	Mimbres Valley Drill. Co.	4/52	4246	180	16	118	22	175	90.26	5/10/55	T	6	E	I	66.5	Hole in base of pump, south side of well	+1.50	Same well as above, deepened. Cemented from 0 to 63 feet. Casing: 16 inch from 63 to 109 feet, 14 inch from 85 to 175 feet
4.422	do.	L.C.Tyler	1936	4246	98	14	63	21	-	57.08	4/ 2/48	T	B	G	I,O	68	Top edge of 6- by 8- inch cross tie	+0.30	Pit; diameter 24 inches, depth 45 feet. Well deepened 3/52. (See next line)
4.422	C.E.Roark	Mimbres Valley Drill. Co.	3/52	4246	205	16	100	56	203	92.24	5/11/55	T	B	E	I	-	Top of concrete, south side of well	+0.40	Same well deepened. Cemented from 0 to 63 feet, 16- inch casing from 40 to 203 feet, perforated from 72 to 200 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
26.20. 4.444	W.W.Rorck	L.C.Tyler	1946	4250	115	14	-	-	-	60.99	4/ 2/48	T	8	G	I,O	68	Top edge of concrete well curb	0.0	Pit; diameter 24 inches, depth 40± feet
4.444a	J.C.Rorck	McBee Drill. Co.	3/52	4250	200	16	65	40	200	84.22	11/11/52	T	8	E	I	69	Lower edge of hole in casing, north-west side of well	+0.35	Casing perforated from 85 to 195 feet
5.143	D.A.Lee	D.A.Lee	6/54	4235	395	14	59	113	395	70.16	5/11/55	T	8	-	I	-	Top of casing, south side of well	+0.20	Well deepened from 204 to 395 feet. Casing perforated from 200 to 395 feet
5.334	do.	L.C.Tyler	4/48	4238	100	40	-	-	-	54.05	4/ 4/48	T	10	G	I,O,A	67	Top of concrete well curb, west side	+0.70	-
5.334a	do.	do.	5/52	4238	206	18	60	41	200	76.78	5/11/55	T	8	E	I	-	Top of casing, south side of well	+0.42	Casing: 133 feet of 18 inch, 72 feet of 16 inch, perforated from 50 to 200 feet
5.422	do.	D.A.Lee	1934	4240	106	16	-	-	106	62.17	5/23/48	T	6.5	G	I,S,O	66	Top east edge of west 6-by-8-inch cross tie	+0.50	Pit; diameter 30 inches, depth 50 feet
5.443	do.	do.	6/53	4240	205	16	71	60	205	102.6P	5/11/55	T	8	E	I	68	Top of casing, south side of well	+0.4	Casing perforated from 85 to 205 feet
5.444	do.	-	-	4241	-	30	-	-	-	60.00	7/28/49	-	-	-	II	-	Ground level	0.0	Incomplete 9/50. (See next line)
5.444	do.	L.C.Tyler	5/51	4241	155	18	72	52	155	97.0P	5/11/55	T	7.5	E	I	68	Top of casing, south side of well	+0.5	Same well as above, completed. Casing perforated from 72 to 155 feet
7.332	J. E. Weatherby	-	-	4240	-	-	-	-	-	51.7 P	4/ 5/48	PI	-	W	D,S,O	-	Top of concrete slab over well, south side	+0.79	-
8.434*	do.	-	3/47	4250	125	18	-	-	-	60.54	4/ 5/48	T	8	G	I,O	66	Top of casing, north side at low point	+0.87	-
8.444	C. F. Weatherby	McBee Drill. Co.	9/53	4251	303	18	64	121	303	86.30	5/ /55	T	8	E	I	-	Hole in southwest corner of pump base	+1.2	Casing perforated from 100 to 300 feet
9.144*	J.L.Roach	Brown & Ledford	4/48	4250	148	16	70	58	148	63.94	4/ 2/48	T	8	B	I	67	Top of concrete slab over well	+0.60	Casing perforated from 70 to 145 feet. Well deepened to 185 feet, 6/51. (See next line)

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
26.20. 9.144	J.L.Rouch	Folk Drill. Co.	6/51	4250	185	18	160	23	178	92.98	5/10/55	T	—	B	I	—	Top of casing, east side	+0.80	Same well as above, deepened from 70 to 184 feet. 18-inch casing from 0 to 130 feet, 12-inch casing from 130 to 178 feet
9.144c	do.	McBee Drill. Co.	7/53	4250	354	16	64	89	—	91.65	5/10/55	T	8.5	B	I	67	Hole in casing, west side of well	+5.0	Casing perforated from 90 to 285 feet. Several wells drilled in this location
9.244	Mrs. H. K. Wood	—	3/49	4255	—	16	—	—	—	69.68	3/22/49	—	—	—	II	—	Ground level	0.0	Pit; diameter 34 inches, depth 75 feet. Well deepened 2/51. (See next line)
9.244	do.	Stewart	2/51	4255	148	18	85	30	148	114.82	5/10/55	T	8	G	I	—	Lower edge of pump base, south side of well	+0.5	Same well as above, completed. Casing perforated from 80 to 145 feet
9.342	do.	do.	2/51	4257	150	18	100	50	150	117.41	5/10/55	T	8	G	I	—	Lower edge of pump base, south side of well	+0.6	Casing perforated from 72 to 148 feet
9.434	Peter Wood	McBee Drill. Co.	6/53	4257	360	16	71	92	—	75.07	1/26/54	T	8	G	I	68	Lower edge of 2-inch hole in west side of casing	+1.10	Casing perforated from 110 to 235, 277 to 308, and 335 to 340 feet
9.444	Mrs. H. K. Wood	—	2/48	4260	117	18	—	—	—	70.90	4/ 3/48	PI	2	W	II, D, O	—	Top of concrete well curb, west side	0.0	Pit; diameter 36 inches, east well
9.444a	do.	Brown & Ledford	4/48	4260	140	16	71	56	140	72.52	5/23/48	T	8	B	I, O	68	Top of casing, north side of well	+0.86	West well. Casing perforated from 75 to 140 feet
10.112	M. T. Crum	McBee Drill. Co.	10/52	4252	202	16	60	100	202	—	—	T	6	E	I	—	—	—	Casing perforated from 83 to 200 feet
10.122	E. C. Richardson	L. C. Tyler	12/52	4250	145	5	60	70	145	—	—	J	1	E	D	—	—	—	Casing perforated from 70 to 145 feet
10.142	do.	do.	6/49	4260	124	18	58	34	124	—	—	T	—	—	I	—	—	—	Casing perforated from 51 to 124 feet. Well deepened 2/50. (See next line)
10.142	do.	Williams & Youngblood	2/50	4260	171	16	130	21	171	—	—	T	6	E	I	—	—	—	Same well deepened. Casing perforated from 65 to 171 feet
10.212	Mormon Church	McBee Drill. Co.	2/53	4260	170	8	72	21	151	—	—	T	3	E	D	—	—	—	Casing perforated from 100 to 151 feet
10.231	E. C. Richardson	—	—	4260	—	12	—	—	—	57.21	4/ 5/48	—	—	—	A	—	Top of casing, east side of well	+0.60	Pit; diameter 26 inches

Location	Name of owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
26.20.10.243	R. T. Bonser	-	1/50	4260	67	-	-	-	-	-	-	-	-	-	-	-	-	-	Well deepened 8/50 & 4/51. (See next two lines)
10.243	do.	L. C. Tyler	8/50	4260	116	18	67	17	116	-	-	-	-	-	I	-	-	-	Same well as above deepened. Casing perforated from 76 to 116 feet. Deepened again 4/51. (See next line)
10.243	do.	W. H. Hayes	4/51	4260	165	16	125	39	165	125.3P	5/ 9/55	T	10	E	I	-	Hole in base of pump, south side of well	+1.0	Same well as above deepened. Casing perforated from 116 to 165 feet
10.321	M. L. Crum	L. C. Tyler	3/48	4260	117	18	59	57	117	56.96	4/ 5/48	T	8	G	I	70	Top of concrete well curb, west side	0.0	Pit; diameter 32 inches. Casing perforated from 58 to 117 feet. Deepened to 195 feet 1/50. (See next line)
10.321	do.	Williams & Youngblood	1/50	4260	195	16	135	31	195	135.4P	5/ 9/55	T	8	G	I	-	Hole in pump base, southeast side of well	+0.5	Pit; cemented to 65 feet. 16-inch casing from 63 to 195 feet, all perforated. Same well as above deepened
10.342	S. O. Wright	H and H Drill. Co.	7/49	4260	180	16	75	42	180	-	-	T	-	G	I	-	-	-	Casing perforated from 80 to 180 feet. Well deepened 12/54. (See next line)
10.342	do.	McBee Drill. Co.	12/54	4260	310	16	240	8	310	94.06	5/ 9/55	T	6	E	I	-	Hole in west side of pump base	+1.00	Same well as above deepened. 16-inch casing from 0 to 180 feet, perforated from 80 to 180 feet. 12-inch casing from 175 to 310 feet, all perforated
10.344	do.	Brown & Ledford	4/48	4270	144	16	61	61	144	75.00	5/25/48	T	8	G	I, O	72.5	Bottom inside edge of 2- by 2-inch hole in casing	-0.25	Casing perforated from 84 to 144 feet
10.344a	do.	McBee Drill. Co.	1/52	4270	200	16	69	67	200	91.73	5/ 9/55	T	6	E	I	-	Top of timber, east side of well	+1.40	Casing perforated from 120 to 200 feet
10.434	K. D. Hudgens	Folk Drill. Co.	6/51	4270	161	16	60	56	-	-	-	T	8	E	I	-	-	-	Well deepened to 224 feet. (See next line)
10.434	do.	do.	12/52(?)	4270	224	14	-	-	-	99.15	5/ 9/55	T	8	E	I	74	Hole in southwest side of pump base	+0.50	Same well as above, deepened. Well has 16- and 14-inch casing

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
26.20.10.444*	K. D. Hudgens	L.C. Tyler	10/47	4274	125	18	65	28	125	-	-	T	8	D	I	74	-	-	Casing perforated from 65 to 125 feet. Well deepened 5/49 and 12/52. (See next two lines.)
10.444	do.	F.S. Boggs	5/49	4274	163	16	128	20	160	-	-	T	-	-	-	-	-	-	Same well as above, deepened. Deepened again 12/52. (See next line)
10.444	do.	K. D. Hudgens	12/52	4274	230	12	-	-	230	-	-	T	6	E	I	74	-	-	Same well as above, deepened. Casing perforated from 160 to 230 feet
11.111	R.H. Wamel	McBee Drill. Co.	1/53	4260	220	16	-	-	220	-	-	T	-	-	I	-	-	-	Casing perforated from 80 to 219 feet
11.140	do.	do.	6/52	4270	175	16	70	85	175	-	-	-	-	-	I	-	-	-	Casing perforated from 75 to 175 feet
11.232	do.	H. Williams	3/48	4270	145	16	70	69	167	65.69	4/ 3/48	T	8	G	I, O	73	Top of casing, low point on south side of well	+0.83	Deepened to 167 feet 8/48, J.V. Ledford. Casing perforated from 77 to 167 feet
11.413	do.	Fred Boggs	2/49	4280	196	16	70	26	150	-	-	T	10	D	I	-	-	-	Casing perforated from 70 to 150 feet
11.413a	do.	V. A. Youngblood	3/52	4280	243	14	72	91	243	-	-	T	8	E	I	-	-	-	Casing perforated from 76 to 243 feet
11.431	do.	Brown & Ledford	2/48	4270	160	16	76	76	160	64.63	4/ 3/42	T	8	D	I, O	72	Top of casing, west side of well	+1.28	Casing perforated from 85 to 160 feet
14.121	do.	V. A. Youngblood	9/51	4280	300	16	87	33	-	-	-	T	8	E	I	-	-	-	-
14.122	do.	do.	9/54	4280	-	16	-	-	-	-	-	T	6	E	I	75	-	-	Casing perforated from 99 to 274 feet
14.124	do.	J. V. Ledford	2/48	4280	150	16	70	59	150	68.30	4/ 3/48	T	8	D	I, O, A	72	Top of casing, east side of well	+1.10	Casing perforated from 75 to 150 feet
14.124a	do.	McBee Drill. Co.	11/52	4280	200	12	80	88	-	-	-	-	-	-	I	-	-	-	Casing perforated from 100 to 180 feet
14.133	do.	do.	3/55	4280	401	-	75	-	216	-	-	-	-	-	-	-	-	-	Casing perforated from 75 to 200 feet
14.134	do.	do.	1/53	4280	200	12	65	37	200	-	-	-	-	-	I	-	-	-	Casing perforated from 93 to 195 feet
14.143	do.	V. A. Youngblood	8/50	4280	223	16	65	89	200	83.04	9/27/50	-	-	-	I	-	Top of temporary casing	+3.80	Casing perforated from 110 to 200 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land surface (ft)	
26.20.14.224	Cranbtree and Burt	Jim Folk	7/51	4295	193	16	-	-	193	-	-	T	8.5	E	I	76	-	-	Casing perforated from 93 to 193 feet
14.234	R.H.Wammel	V. A. Youngblood	5/49	4290	400	16	78	-	157	-	-	-	-	-	D	-	-	-	Well deepened from 238 to 480 feet 7/50. Casing perforated from 129 to 157 ft.
14.242	do.	H. Williams	3/48	4290	225	16	99	4	-	79.44	4/ 3/48	-	-	-	A,O	-	Top of 6- by 8-inch cross tie, east side of well	+0.40	Deepened from 150 to 225 feet, 6/48. Casing pulled
14.324	do.	J.D.Turner	8/53	4290	500	16	117	61	-	-	-	T	6	E	I	74	-	-	-
14.332	do.	McBee Drill. Co.	8/54	4285	330	16	66	207	-	-	-	T	8	N	I	74	-	-	-
14.343	do.	do.	6/54	4280	300	14	67	168	300	-	-	T	8	D	I	72	-	-	Casing perforated from 105 to 300 feet
14.411a	do.	Turner Drill. Co.	1952(?)	4290	265	14	118	6	-	-	-	T	4	E	I	-	-	-	East well of two close together
14.411b	do.	-	-	4290	-	14	-	-	-	-	-	T	8	E	I	-	-	-	West well of two close together
14.413	do.	F.S.Boggs	7/49	4290	190	16	75	41	190	-	-	T	10	D	I	70	-	-	Spiral corrugated metal discharge pipe. Casing perforated from 80 to 190 feet
14.424	do.	H. Williams	3/48	4290	196	16	80	16	-	69.30	4/ 3/48	T	8	D	I,O	-	Top of casing, high point, south side of well	+0.70	-
15.224	Cranbtree & Burt	L.G.Posey	1/48	4275	120	16	63	35	120	63.08	4/ 3/48	T	10	G	I,O	76	Top of casing, north-east side of well	+0.20	Casing perforated from 55 to 120 feet
15.224a	do.	Folk Drill. Co.	7/51	4275	193	16	63	85	193	77.15	1/29/52	T	-	-	I	76	Top of casing, south side of well	+0.50	Casing perforated from 85 to 190 feet
15.314	E. N. Crossett	D.A.Lee	5/53	4270	200	16	90	26	200	-	-	-	-	-	I	-	-	-	Deepened from 90 to 200 feet. (See next line)
15.314	do.	McBee Drill. Co.	6/53	4270	352	16	205	27	200	73.27	4/28/54	T	6	E	I	-	Hole in casing, north-west side of well	+0.60	Same well as above deepened. Casing perforated from 100 to 200 feet
15.334	Cranbtree & Burt	W.H.Hayes	3/51	4280	200	18	96	43	200	-	-	-	-	-	I	-	-	-	Well deepened 2/54. Casings: 18-inch from 0 to 139 feet, perforated from 75 to 139 feet, 16-inch from 134 to 200 feet, all perforated. (See next line)

Location	Name, or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
26.20.15.334	Crabtree and Burt	McBee Drill. Co.	6/54	4280	290	12	208	54	290	—	—	T	8.25	E	I	—	—	—	Same well as above, deepened. Casing perforated from 183 to 285 feet
15.343	do.	W. H. Haynes	3/51	4280	196	18	—	—	196	129P	3/28/52	T	8	E	I	—	Top of concrete pump base	+1.10	Casing perforated total depth
15.344	do.	L.G.Posey	2/48	4280	130	16	69	40	130	—	—	T	8	G	I	—	—	—	Casing perforated from 55 to 130 feet
15.344a	E. N. Crosscut	McBee Drill. Co.	1/53	4280	206	16	114	54	206	—	—	T	8	E	I	69	—	—	Casing perforated from 114 to 132, 156 to 176, and 190 to 204 feet
15.424	W. Veck	W.E.Posey	2/48	4280	130	16	75	45	130	60.10	3/25/48	T	8	G	I,O	72.5	Bottom edge of 2.5-inch round hole in southern side of casing	+0.30	Casing perforated from 80 to 130 feet. Well deepened, 3/49 and 2/52. (See next two lines)
15.424	do.	Brown & Ledford	3/49	4280	145	—	130	15	—	—	—	—	—	—	I	—	—	—	Same as above well, deepened. Deepened again 2/52. (See next line)
15.424	do.	Garratt Drill. Co.	2/52	4280	193	16	155	12	—	—	—	T	10	E	I	73	—	—	Same as above well, deepened. Casing diameters: 16, 14, and 12 inches
15.444	Crabtree & Burt	Williams & Youngblood	4/48	4284	147	16	67	45	147	70.71	5/25/48	T	8	G	I,O	71	Top of 22-inch outer casing	+0.25	Casing perforated from 60 to 140 feet
17.133	J. E. Weatherby	—	—	4247	63M	36	—	—	—	57.2 P	4/ 5/48	PI	3	W	S,O	—	Top of concrete well curb, north side of well	+1.39	Well deepened 1/53. (See next line)
17.133	do.	McBee Drill. Co.	1/53	4247	200	6	185	115	—	62.48	1/19/53	PI	3	W	S	—	Top of concrete well curb, north side of well	+1.39	Same well as above, deepened
23.144	J.D.Burton	Brown & Ledford	1/49	4290	200	16	75	67	198	75.03	9/27/50	T	8	G	I	69.5	Lower edge of hole in south side of casing	+0.50	Casing perforated from 74 to 198 feet
23.234	W. Veck	Morrison Drill. Co.	4/51	4300	200	12	70	115	—	—	—	—	—	—	I	—	—	—	Well deepened 7/52 and 2/55. (See next two lines.)
23.234	do.	McDonald Drill. Co.	7/52	4300	210	12	200	8	—	—	—	—	—	—	I	—	—	—	Same well as above, deepened from 175 to 210 feet. (See next line)
23.234	do.	Johanson Drill. Co.	2/55	4300	400	12	—	—	400	88.37	5/12/55	T	6	E	I	73	Lower edge of hole in east side of casing	+0.50	Same well as above, deepened. Casing perforated total depth

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
26.20.29.142	K. A. Washburn	Thomas & Hibner	1947	4254	132	14	60	38	132	48.86	5/23/48	T	8	G	I,O	66.5	Top of casing, north side of well	+1.20	Casing perforated from 40 to 132 feet
26.21.11.200	T. A. Baker	—	—	4305	89	6	—	—	—	77.7P	7/23/48	P1	3	W	S,O	—	Top of casing	+1.09	—
11.200a	do.	V. A. Youngblood	10/51	4305	150	6	78	72	—	82.26	11/12/52	P1	2	W	S	—	Top of casing	+2.50	—
27.18. 5.334	V. A. Peterson	—	—	4475	—	8	—	—	—	219.25	3/14/55	P1	2	W	D,S	—	Top of casing, north side of well	+1.50	—
18.421	Southern Pacific	—	—	4496	800	—	—	—	0.0	248.05	3/14/55	—	—	—	A	—	South edge of timber over well	0.0	No equipment
27.19. 2.411	V. A. Peterson	V. A. Youngblood	—	4425	500	6	—	—	—	191.05	3/11/55	—	—	—	A	—	Top of casing	+1.50	Well has surface casing only
7.331	Columbus REA Coop.	Border Drill. Co.	7/54	4375	155	6	—	—	—	—	—	T	2	E	D	—	—	—	—
11.233	V. A. Peterson	V. A. Youngblood	7/53	4425	390	16	175	32	—	165.49	3/14/55	T	6	N	I	67	Top of timber on west side of well	+0.5	—
11.333	do.	—	—	4400	—	12	—	—	—	172.90	1/25/55	P1	2	W	S	—	Top of casing, north side of well	+1.00	—
17.343	R. H. Wamel	McBee Drill. Co.	3/55	4400	328	24	129	28	328	131.65	3/18/55	T	8.5	G	I	—	Top of casing, west side of well	+0.50	Test equipment still on well
17.344	do.	do.	3/55	4400	350	18	—	—	350	133.12	5/13/55	T	10	—	I	—	Top of casing, west side of well	+0.50	Casing: 18 inch from 0 to 150 feet, and 16 inch from 150 to 350 feet
17.433	do.	do.	4/52	4400	300	12	131	169	300	—	—	T	8	E	I	69	—	—	Casing perforated from 140 to 300 feet
19.344	Odel Mauey	A. J. Stewart	2/51	4416	280	16	150	6	280	—	—	T	10	E	I	69	—	—	Casing perforated from 150 to 278 feet
19.433*	W. B. Lupe	Ernest Bohn	3/48	4416	213	16	132	42	—	137.31	7/29/48	T	8	D	I,O	69.5	Lower edge of 3-by-3-inch hole in casing	+0.10	—
19.433a	Odel Mauey	Western Drill. Co.	2/55	4416	300	16	193	25	300	148.84	5/13/55	—	—	—	I	—	Lower edge of 3-inch notch in south side of casing	+0.50	Casing perforated from 140 to 300 feet
20.213	W. A. Ballard	—	—	4405	200	6	—	—	—	134.12	3/18/55	T	2 (?)	E	D	—	Top of casing, south side of well	+0.60	—
20.322	Felix Gauthier	Western Drill. Co.	1/53	4405	311	16	150	—	311	202.6P	5/13/55	T	7.6	D	I	71	1-1/2-inch pipe in concrete pump base, south side of well	+0.50	Casing: 16 inch perforated from 150 to 213 feet, 12 inch perforated from 210 to 311 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
26.20.23.244	W. Veck	W.E. Posey	3/48	4300	130	16	72	48	130	71.77	4/ 5/48	T	6	B	I,O	69	Top of casing, south side of well	+0.70	Casing perforated from 80 to 130 feet. (See next line.)
23.244	do.	Brown & Ledford	3/49	4300	151	-	130	19	-	-	-	-	-	-	I	-	-	-	Same well as above, deepened. Deepened again in 2/55. (See next line.)
23.244	do.	Johnson Drill. Co.	2/55	4300	400	16	-	-	400	100.95	5/12/55	T	8	E	I	70	Top of casing, west side of well	0.0	Casing perforated from 80 to 400 feet
23.433	Vina E. Davis	Williams & Youngblood	1948	4298	145	16	69	61	145	68.67	4/ 5/48	T	8	B	I,O,A	70	Top of casing, low point on south side of well	+0.70	Casing perforated from 75 to 145 feet
23.433a	Tom Davis	V. A. Youngblood	3/51	4298	200	16	73	80	200	78.00	1/29/52	T	8	E	I	70	Top of casing, west side of well	+0.35	Casing perforated from 65 to 200 feet
24.333	do.	do.	3/51	4308	200	16	-	-	200	138.0P	5/12/55	T	8	E	I	70	Top of casing at low point, north side of well	+0.50	Casing perforated from 65 to 200 feet
24.343	do.	Walter Johnson	1/55	4310	350	16	-	-	350	-	-	T	6	E	I	-	-	-	16-inch casing from 0 to 250 feet, 12-inch casing from 224 to 350 feet. Casing perforated from 60 to 130 feet, and from 225 to 350 feet
25.133	Velma Washburn	Border Drill. Co.	5/52	4310	150	8	-	-	-	-	-	PI	-	W	D	-	-	-	-
25.133a	do.	V. A. Youngblood	3/54	4310	300	16	85	21	300	102.62	5/12/55	T	8	E	I	70	Lower edge of 2- by 2-in. hole in north-west side of casing	+2.00	Casing perforated from 100 to 300 feet
25.211	R.H. Wamel	-	-	4320	112M	36 ⁴	-	-	-	93.42	9/27/48	PI	-	-	A,O	-	Top of concrete well curb	+0.05	-
26.422	K. A. Washburn	Williams & Youngblood	4/48	4310	151	16	81	54	151	75.63	4/ 5/48	T	8	G	II,U,O	-	Top of casing, high point, northeast side of well	+0.84	Casing perforated from 81 to 151 feet. Well deepened from 81 to 151 feet 6/48. Deepened again 4/51. (See next line.)
26.422	do.	V. A. Youngblood	4/51	4310	205	16	154	24	205	100.23	5/23/55	T	8	E	I	-	Top of casing, high point, northeast side of well	+0.84	Same well as above, deepened. Casing perforated from 144 to 205 feet
29.131	Lloyd Washburn	McBee Drill. Co.	3/54	4290	200	16	70	58	200	61.00	3/19/54	T	8	E	D,I	-	-	+2.25	Casing perforated from 44 to 200 feet

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
27.19.20.334	Felix Gauthier	Brown & Ledford	2/49	4421	208	16	135	56	208	-	-	T	8	G	I	-	-	-	Casing perforated from 133 to 208 feet. Well deepened. (See next two lines)
20.334	do.	do.	3/49	4421	250	16	210	15	-	-	-	-	-	-	I	67	-	-	Same well deepened
20.334	do.	Western Drill. Co.	12/54	4421	308	16	-	-	-	-	-	-	-	-	I	-	-	-	Same well as above, deepened
20.334a	do.	Hollis Williams	4/49	4421	210	16	135	21	210	148.6P	5/24/49	-	-	-	I	67.5	-	-	Well deepened 10/53. (See next line)
20.334a	do.	Western Drill. Co.	10/53	4421	350	16	-	-	-	139.88	1/25/55	T	6.25	B	I	-	1-1/2-inch pipe in concrete pump base, west side of well	+1.00	Same well as above, deepened
20.343	do.	G. E. McKenzie	2/49	4421	250	16	-	-	-	131.90	7/29/49	T	6	G	I, O	-	Top of casing	+1.00	Casing perforated from 112 to 218 feet
20.433	do.	do.	6/49	4421	250	16	137	92	218	131.08	7/29/49	T	6	-	II, O	-	Top of casing	+1.40	Casing perforated from 112 to 218 feet. Well equipped with small pressure pump for domestic use in 5/55
20.443	B.R. Medlin	Western Drill. Co.	1/53	4421	300	12	139	80	-	144.25	1/25/55	T	8	B	I	69	Top of casing, north side of well	+1.00	Casing perforated from 138 to 265 feet
21.111	Civilian Conserv. Corps	-	1933(?)	4400	139M	6	-	-	-	123.93	7/29/49	-	2.5	-	A, O	-	Top of 2-1/2-inch pipe	+1.25	-
30.214	T.D. Neal	Mimbree Valley Drill. Co.	8/51	4425	218	15.8	133	58	218	179.6P	5/13/55	T	8	E	I	70	Hole in pump shell, south side of well	+1.4	Casing perforated from 128 to 218 feet
31.223	K. Adams	-	-	4450	-	-	-	-	-	151.16	9/17/55	PI	-	W	S	-	Top of casing, west side of well	+0.50	-
32.211	H. Strange	-	1912(?)	4437	155M	6	-	-	-	144.84	5/25/49	-	-	-	A, O	-	Top of casing	+1.00	-
34.114	Roy Adams	V.A. Youngblood	9/52	4475	225	6	-	-	-	189.33	1/25/55	PI	-	W	S	-	Top of casing, north side of well	+1.30	-
27.20. 2.424	R.H. Wamel	McBee Drill. Co.	12/54	4344	200	8	128	2	-	106.67	1/12/55	-	-	-	S	-	Top of casing, north side of well	+1.20	Well not equipped. No perforation in casing
2.444	do.	do.	12/54	4344	150	18	-	-	-	98.07	12/31/54	-	-	-	II, A	-	Top of casing, east side of well	+1.90	-
5.244	K. A. Washburn	-	-	4300	-	6	-	-	-	71.20	1/12/55	T	1	E	S	-	Top of casing, south side of well	+1.8	-

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
27.20. 9.121	K. A. Washburn	—	—	4300	—	6	—	—	—	71.20	8/ 1/49	PI	2	W	S,O	—	Top wood cribbing, southeast side well	0.0	—
10.433	Velma Washburn	V. A. Youngblood	10/52	4350	150	6	95	15	150	95.08	1/12/55	PI	—	W	S	—	Top of casing, south side of well	+1.60	Casing perforated from 100 to 150 feet
12.144	D.G.King	Fred Boggs	3/49	4350	200	16	100	49	200	—	—	T	8	N	I	67	—	—	Casing perforated from 96 to 200 feet
12.244	do.	M.R.Little	3/48	4350	170	14	102	30	170	103R	3/25/48	T	8	B	I	67	—	—	Casing perforated from 100 to 170 feet. Well deepened 10/51. (See next line)
12.244	do.	Mimbres Valley Drill. Co.	10/51	4350	250	14	—	—	250	—	—	T	8	N	I	—	—	—	Same well as above, deepened. 12-inch casing from 170 to 250 feet
12.444*	Mrs. Edna Curry	Fred Boggs	3/49	4377	200	16	108	46	200	105.15	3/22/49	T	7.5	N	I,O	68	Top of casing, south side of well	+0.70	Alternate thin layers of clay and gravel from 44 to 200 feet. Casing perforated from 100 to 200 feet
12.444a*	D.G.King	Mimbres Valley Drill. Co.	11/51	4377	255	16	122	133	255	111.67	3/21/53	T	7	B	I	—	1-inch hole inside of pump shell, northwest side of well	+1.20	Located southwest of well 27.20.12.444. Casing perforated from 129 to 250 feet
13.300*	—	—	—	4375	—	—	—	—	—	—	—	PI	—	W	S	68.5	—	—	—
16.443	K. A. Washburn	Border Drill. Co.	5/51	4350	125	6	100	4	125	—	—	—	—	—	—	—	—	—	Well deepened from 90 to 125 feet in 5/51. Casing perforated from 105 to 125 feet
21.222*	Adeline Hill	McBee Drill. Co.	11/54	4350	240	18	108	132	240	98.83	1/ 6/55	T	8	B	I	72	Top of casing, south side of well	+1.35	Casing perforated from 110 to 240 feet
22.111	do.	V. A. Youngblood	1/55	4350	240	16	106	57	240	—	—	T	10	N	I	72	—	—	Casing perforated from 100 to 240 feet
22.312	K. A. Washburn	—	1951	4375	—	6	—	—	—	134.08	1/12/55	PI	3	W	S	—	Top of casing, east side of well	+0.90	—
26.311	Lewis Garcia	V. A. Youngblood	3/53	4400	225	10	125	30	220	124.25	1/ 6/55	PI	—	E	D,S	—	Top of casing, south side of well	+0.80	Casing perforated from 120 to 220 feet
28.19. 9.300	—	—	—	4480	80M	4	—	—	—	Dry	5/25/49	—	—	—	A	—	—	+3.30	—
15.433	J.G.Good	—	—	4550	35M	36	—	—	—	33.55	5/25/49	—	—	—	A,O	—	Top of concrete well curb	0.0	—
15.433a	do.	—	—	4550	306	6	—	—	—	215.9P	5/25/49	PI	3	W	S,O	—	Top of casing, north side of well	+0.90	—

Location	Name or owner	Driller	Date completed	Altitude above sea level (ft)	Depth of well (ft)	Diameter of well (in)	Water-bearing beds		Depth to which well is cased (ft)	Water level		Type of pump	Size of pump	Kind of power	Use of well	Temperature (° F)	Measuring point		Remarks
							Depth to top of bed (ft)	Thickness (ft)		Below land surface (ft)	Date of measurement						Description	Height above (+) or below (-) land-surface (ft)	
28.19.16.444	J. H. Woodard	V. A. Youngblood	4/53	4525	571	14	-	-	380	213.50	1/25/55	T	-	-	I	-	Hole in casing, north side of well	+0.50	Casing perforated from 220 to 380 feet
20.244*	U. S. Government	-	-	4550	270M	6	-	-	-	259.84	7/29/48	PI	4	W	S,O	74?	Top edge of collar on casing	+1.86	-
22.400	J. G. Good	-	-	4550	-	6	-	-	-	217.09	9/17/53	PI	-	W	S	-	Top of casing	+0.90	-
34.400	Mr. Johnson	-	-	4588	-	36	-	-	-	23.7P	5/25/49	PI	-	W	D,S	-	Top edge of pipe clamp	+1.00	West well of three south of dwelling
34.400a	do.	-	-	4588	-	42	-	-	-	23.3P	5/25/49	PI	-	W	D	-	Top of concrete well curb	+2.00	Center well of three south of dwelling
29.19. 3.100	T. B. Strickland	-	1924(?)	4600	30M	36	-	-	-	23.45	5/25/49	PI	1.5	W	S,O	-	Top of concrete well curb	+0.60	-
3.300	do.	-	-	4600	17.5M	-	-	-	-	14.02	5/25/49	C	2	G	O	-	Top of cribbing just north of southwest corner	+1.00	Pit 6-3/4 by 6-3/4 feet

FOOTNOTES

Location number

See figure 1 for system used
*, see analysis in table 1

Depth of well

M measured; otherwise reported

Water level

R reported figures given to nearest foot
P measured while being pumped

Type of pump

C centrifugal
PI plunger
T turbine
S submersible
J jet

Kind of power

B butane engine
D diesel engine
G gasoline engine
H hand
N natural gas engine
W wind
E electric

Use of well

A abandoned
D domestic
I irrigation
II intended irrigation
M industrial
O observation
S stock
U unused, equipped with pump

Table 1 -- Records of wells tapping basin fill in the Animas Valley. C = commercial, D = domestic, I = irrigation, M&M = mining and milling, S = stock, T = test, * indicates chemical analysis is available, gpm = yield in gallons per minute.

field no.	location no.	owner or well name	date completed	approx. elev. (ft)	total depth (ft)	water-level depth (ft)	water-level elev. (ft)	date water level meas.	producing interval (depth, ft)	use	chemical analysis?	remarks
1	22.18.19.321	J.R. Reeves	1/50	4180	327							
1a	22.18.34.132	R. Flower	10/79	4200	230	180	4020	10/79	190-240	D,S		15 gpm
1b	22.18.34.141	R. Umphras	8/80	4200	249	174	4026	8/80	169-247	D		20 gpm
1c	23.18.12.100	W. Glaze	8/80	4200	250	170	4030	8/80	150-250	D		20 gpm
2	24.19. 7.442	F. Kerr, Sr.	2/61	4228	150	107	4121	2/61	115-150	D		
3	24.19.20.421	C. Kerr	7/61	4268	272	100	4168	7/61	149-272	D		
4	24.20. 1.240	F. Kerr	3/59	4175	117	56	4119	3/59	-7- 12 38-115	I		
5	24.20. 1.410	F. Kerr, Jr.	-/76	4155	150	90	4065	-/76	90-140	I		abandoned
6	24.20. 1.410a	F. Kerr, Sr.	7/77	4155	95	57	4098	7/77	50- 95	I		250-450 gpm, deepened
7	24.20. 1.410b	F. Kerr, Sr.	3/74	4155	120	50	4105	3/74	69-118	I		
8	24.20. 1.422	F. Kerr, Sr.	4/61	4170	150	60	4110	4/61	55-150	I		
9	24.20. 1.422a	F. Kerr	12/50	4170	135	42	4128	12/50			*	
10	24.20. 4.211	F. Kerr	6/51	4151	67	7	4144	6/51	27- 67		*	
11	24.20. 9.424	C.E. Roark	11/60	4158	62	50	4108	11/60	42- 62	D		
12	24.20.12.242	F. Kerr	4/53	4164	112	37	4127	4/53	37-103			
13	24.20.13.414	C.E. Roark	11/60	4160	63	45	4115	11/60	38- 63	D		
14	24.20.14.342	C.E. Roark	4/73	4158	100	35	4123	4/73	180-200	D		
15	24.20.19.000	A. Smith	8/66	4190	150	70	4120	8/66	88-131	D,S		
16	24.20.19.230	R. Morales	-/79	4180	224	80	4100	-/79	174-224	I		
17	24.20.19.230a	M.E. Walker	8/64	4180	300	60	4120	8/64	70-200	I		
18	24.20.19.243	R.C. Macaw	3/49	4175	111				50-112			
19	24.20.19.244a	M.E. Walker J.E. Little	3/61	4175	238	48	4127	3/61	50-238	I		
20	24.20.19.244b	M.E. Walker	3/64	4175	537					I		deepened
21	24.20.19.244	R.C. Macaw	2/49	4175	130				30-100			
22	24.20.19. 44	B. Walker	8/64	4180	643	60	4120	8/64	62-217	I		
23	24.20.19. 44	M.E. Walker	4/64	4180	407	54	4126	4/64	218-407	I		deepened
24	24.20.19.444a	M.E. Walker	5/60	4177	205	159	4018	5/60	40-190	I		
25	24.20.19.444	Morris, Macaw, Bogart		4177	100							
26	24.20.22.112	C.E. Roark	2/62	4165	65	28	4137	2/62	34- 62	D,S		
27	24.20.22.421	C. Kerr	7/58	4165	100	27	4065	7/58	30- 98	D		
28	24.20.23.31	J.R. Walters	7/74	4165	100				68-100	D		30 gpm
29	24.20.25.31	C. Kerr	12/59	4170	90	50	4080	12/59	66- 90	D,S		
30	24.20.25.4	R.A. Kerr	2/60	4175	150	100	4075	2/60	100-148	I		
31	24.20.25.422	J.H. Baxter	1/69	4180	199	53	4127	1/69	79-199	I		
32	24.20.27.121	Kerr Cattle Co.	4/53	4170	125	25	4145	4/53	25-125			
33	24.20.29.323	L. Smith	4/53	4177	125				43-123			
34	24.20.29.333	M. Smith	11/47	4186	142				48- 98			
35	24.20.29.341	M. Smith	5/61	4180	228	51	4129	5/61	65-228	I		
36	24.20.29.341a	M. Smith	4/62	4180	490	48	4132	4/62		I		
37	24.20.29.341b	M. Smith	3/48	4180	98				46- 96			
38	24.20.31.221	D. McGhee	1/74	4190	140	80	4110	1/74	100-140	M&M		50 gpm, deepened
38a	24.20.31.221a	D. McGhee	5/73	4190	160	65	4125	5/73	60-160	M&M		deepened
39	24.20.31.221b	D. McGhee	5/73	4190	160	65	4125	5/73	50-115	M&M		deepened
39a	24.20.31.221c	D. McGhee	1/74	4190	170	80	4110	1/74	100-170	M&M		50 gpm, deepened
40	24.20.33.333	T.H. McCants	9/54	4180	118							
41	24.20.34.444	E. Kerr	8/62	4182	100	50	4132	8/62	80-100	S		estimated comple- tion date
42	24.20.34.444a	E.L. Kerr	4/51	4182	30	22	4160	4/51	20- 30	S		
43	24.20.36.222	E.L. Kerr	8/53	4180	145	32	4148	8/53	16-145			
44	25.19. 7.133	M.L. Folk	5/59	4193	283	30	4163	5/59	100-280	I	*	
45	24.19. 7.143	M.L. Folk	2/57	4195	120					D	*	est. completion date
46	25.19. 7.210	T.W. McCants	-/73	4205	93	38	4167	-/73	50- 90	D		20 gpm
47	25.19. 7.234	R.I. McDonald	5/66	4205	109	70	4135	5/66		T		
48	24.19. 7.234d	L. Shannon	3/51	4205	150	110	4100	3/51	45-150			
49	25.19. 7.234a	Richins and McDonald	11/53	4205	83	35	4170	11/53	50-82			
50	25.19. 7.234b	Richins and McDonald	11/51	4205	106						*	solid rx @ ~100', very hot, T >212°
51	25.19. 7.234c	D.A. Vannoy	10/48	4205	95				42- 90		*	very hot water

52	25.19. 7.342	Folk	1/54	4197	305	30	4167	1/54	35-300	I	
53	25.19. 7.344	L. Shaamon	3/51	4197	150	110	4087	3/51	45-150	I	
54	25.19. 7.424	E.B. Burgett	2/79	4220	110	86	4110	2/79	60-110	T	15-20 gpm
55	25.20. 1.242	R.A. Hatch	3/64	4183	205	55	4128	3/64	109-205	I	
56	25.20. 8.111	T.H. McCants	7/63	4218	300	84	4134	7/63	84-300	I	
57	25.20.10.111	L. Hewlett (Waller)	3/59	4193	125	56	4137	3/59	95-125	D	
58	25.20.10.222	Valley Presby- terian Church	7/76	4190	180	73	4117	7/76	100-180	D	300 gpm
59	25.20.10.222a	Presbyterian Church	-/54	4190	100	36	4154	-/54	36-100		
60	25.20.10.233	Bishop Bros.	1/49	4196	170						
61	25.20.10.244	L. Stewart	1/54	4197	70				30- 70	D	
62	25.20.10.244a	S. Wright	4/70	4197	226				70-226	I	
63	25.20.10.244b	Bishop Bros.	1/49	4197	160				30-160		
64	25.20.10.334	Bishop	1/60	4200	170	59	4141	1/60	60-169	I	
65	25.20.10.344	B. Bishop	2/59	4200	195	60	4140	2/59	45-185	I	
66	25.20.10.344a	W.A. Bishop	6/52	4200	155	40-59		6/52	55-155	I	
67	25.20.10.443	Massey	10/62	4200	240	80	4120	10/62	19-165	I	
68	25.20.10.443	B. Bishop	7/48	4200	107				34-107	I	
69	25.20.11.434	S.C. Wright	4/66	4200	108	68	4132	4/66	68-108	D	deepened
70	25.20.12.123	T.W. McCants	2/79	4187	140	65	4122	2/79	60-135	I	72-91 (306 gpm); 123-140 (100+ gpm)
71	25.20.13.124	B. Veck	12/63	4195	400	80	4115	12/63	40-230		dry
72	25.20.13.213	B. Veck	5/65	4195	281	96	4099	5/65	56-246	I	*
73	25.20.13.213a	G. Wright	9/48	4195	123				30-123		*
74	25.20.13.214	B. Veck	7/61	4195	345	55	4140	7/61	200-280	I	
75	25.20.13.221	B. Veck	3/64	4195	400	80	4115	3/64		I	deepened
76	25.20.13.221a	B. Veck	3/64	4195	260	75	4120	3/64	70-260	I	
77	25.20.13.233	C. Rudiger	4/66	4199	600	90	4109	4/66		I	deepened
78	25.20.13.233a	C.J. Rudiger	3/61	4199	162	63	4136	3/61	104-164	D	
79	25.20.13.233b	L.F. Rudiger	5/52	4199	145	55	4144	5/52	60-135		
80	25.20.13.343	L.F. Rudiger	12/52	4210	200	47	4163	12/52	60-200		
81	25.20.13.344	L.F. Rudiger	2/68	4210	272	76	4134	2/68	135-277	I	
82	25.20.13.344a	L.F. Rudiger	2/52	4210	150	45	4165	2/52	50-150	D	*
83	25.20.13.433	L.F. Rudiger	2/68	4205	200	80	4125	2/68	60-195	D	
84	25.20.13.433a	L.F. Rudiger	12/56	4205	150				100-150	D	
85	25.20.14.132	S.O. Wright	5/68	4210	275	70	4140	5/68	60-250	I	
86	25.20.15.240	Community	7/58	4210	120	75	4135	7/58	80-120	D	
87	25.20.15.244	Cath. Church	9/66	4210	200	76	4134	9/66	140-200	D	*
87a	25.20.15.342	M. Tracey	5/80	4208	210				160-190	D,S	10 gpm
88	25.20.15.411	B. Woods	1/53	4208	158	40	4168	1/53	125-155		
89	25.20.15.444	B.G. Willis, Sr.	11/72	4212	150	85	4127	11/72	70-150	D	
90	25.20.16.333	T.H. McCants	3/62	4215	350	60	4155	3/62	80-103 240-349	I	
91	25.20.16.333a	T.H. McCants	3/62	4215	142	71	4144	3/62		I	developed well (surged); no log (same as 92)
92	25.20.16.333b	T.H. McCants	1/51	4215	142				60-142	I	
93	25.20.20.244	Baer Cattle Co.	10/62	4220						I	clean out, no log
94	25.20.20.244a	Baer Farm	3/54	4220	150	60	4160	3/54	129-150	I	cleaned out 10/62
95	25.20.20.444	H. Hatch	3/57	4226	292	90	4136	3/57	95-292	I	
96	25.20.22.313	S. Wright	4/55	4220	208	76	4144	4/55	75-200	I	
97	25.20.22.313a	G.S. Tippetts	1/48	4220	102				45-100	I	*
98	25.20.23.100	S. Wright	10/60	4215	203	75	4140	10/60	102-203	D	
99	25.20.23.323	H. Hatch	6/59	4220	197	85	4135	6/69		I	
100	25.20.23.342	G. Devilbliss	8/49	4220	129				32-107		
101	25.20.23.342a	H. Hatch	4/53	4220	172				98-172		
102	25.20.23.443	E.A. Merrell	3/62	4223	217	83	4140	3/62		I	clean out
103	25.20.23.443a	G. Devilbliss	5/53	4223	217	157	4166	5/53	117-217		
104	25.20.23.443b	G. Devilbliss	3/49	4223	120	58-64		3/49	60-120		
105	25.20.23.443c	E.A. Merrell	6/62	4223	300	107	4116	6/62	118-241	I	
105a	25.20.24.111	D. Carbine	5/80	4210	220	110	4100	5/80	120-130 160-190	D	18 gpm
106	25.20.24.132	Richins Inc.	7/75	4215	395	112	4103	7/75	82-395	I	
107	25.20.24.133	D. Ritchins	3/58	4215	300	80	4135	3/58	80-225	I	
108	25.20.24.233	Richardson	11/53	4212	226				103-226		
109	25.20.24.313	Clydel, Devaun, Richins	4/60	4220	315	83	4137	4/60	85-205	I	*
110	25.20.24.313a	H. Jundt	7/52	4220	200	60	4160	7/52	100-195		
111	25.20.25.113	Richins Farms	3/62	4225	325	130	4095	3/62	57-193	I	
112	25.20.25.223	Richins Inc.	3/77	4230	500	108	4122	3/77	125-500	I	

113	25.20.25.244	D. Richins	5/54	4249	280	90	4159	5/54	215-223 231-271		
114	25.20.25.224	Richins Bros.	12/49	4237	160				57-160	I	
115	25.20.25.314	Richins Inc.	4/67	4230	514	120	4110	4/67	115-160 265-310	I	
116	25.20.25.314a	Richins	2/53	4230	304	70	4160	2/53	100-300	I	
117	25.20.25.314b	Richins	12/47	4230	107				52-107	I	
118	25.20.25.331	E. Richins	7/51	4230	102				85-102	D	
119	25.20.25.334	Richins	3/48	4240	115				63-115	I	*
120	25.20.25.334a	Richins Farm	2/55	4240	350	90	4150	2/55	90-100 128-312	I	
121	25.20.25.334b	E. Richins	6/51	4240	299				115-285	I	
122	25.20.25.424	Richins Bros.	3/61	4250	506	90	4160	3/61	1-446	I	
123	25.20.25.424a	Richins Farm	2/52	4250	232				80-228		
128	25.20.25.434	Richins Bros.	12/49	4245	200				150-200	I	
129	25.20.25.434a	R.H. Wamel	1/49	4245	150				60-150		
124	25.20.25.443	D. Richins	11/58	4249	500	140	4109	11/58	190-500	I	
125	25.20.25.443a	Richins Bros.	12/52	4249	198	97	4152	12/58	50-195		
126	25.20.25.444	D. Richins	1/59	4260	500	97	4163	1/59	120-468	I	*
127	25.20.25.444a	Richins Bros.	11/49	4260	204	129	4131	9/56	72-204	I	*
130	25.20.26.111	H. Hatch	4/57	4220	152	70	4150	4/57	98-152	D	
131	25.20.26.133	J. Reager	11/58	4225	146				126-146	D	
132	25.20.26.140	E.A. Merrell	9/65	4225	180	120	4105	9/65	142-180	D	
133	25.20.26.144	E.A. Merrell	4/76	4225	751	112	4113	4/76	200-751	I	
134	25.20.26.144a	G. DeVilbiss	3/49	4225	120	44-55		3/49	60-120		
135	25.20.26.241	R. Crum	3/61	4225	350	90	4135	3/61	1-350	I	
136	25.20.26.241a	E. Crum	11/61	4225	505				340-505	I	
137	25.20.26.243	G. DeVilbiss	7/49	4225	153				85-153		
138	25.20.26.243a	T.R. Crum	10/53	4225	200	71	4154	10/53	113-180		
139	25.20.26.244	A. Merrell	4/76	4230	750	110	4120	7/76	150-750	I	1200 gpm
140	25.20.26.244a	T.R. Crum	2/52	4230	186	65	4165	2/52	60-185		
141	25.20.26.344	B. Veck	2/78	4230	500	104	4126	2/78			clean-out, no log, see 142
142	25.20.26.344a	B. Veck	12/61	4230	500	115	4115	12/61	95-485	I	
143	25.20.26.344b	B. Veck	7/53	4230	218	80	4150	7/53	118-218		
144	25.20.26.344c	B. Veck		4230	120				54-110		
145	25.20.27.	F. Stokes	1/73	4220	157	102	4118	1/73	117-157	D	
147	25.20.27.144	S. Wright	8/59	4220	197	80	4140	8/59	60-197	I	
146	25.20.27.222	D. Blair c/o S. Wright	4/66	4210	200	90	4120	4/66	152-198	D	
148	25.20.27.233	S. Wright	4/55	4220	205	75	4145	4/55	78-198	I	
149	25.20.27.240	R.E. Evans	8/76	4225	320	245	3980	8/76	280-320	D, S	
150	25.20.27.240a	R. Fredrickson	8/79	4225	392	126	4099	8/79	120-145 230-240	D	120-145 (15 gpm), 230-240 (5 gpm)
151	25.20.27.240b	K.E. Smith	8/75	4225	240	135	4090	8/75	200-240	D	75 gpm
151a	25.20.27.240c	P. Aguilar	10/80	4225	250	120	4105	10/80	160-180 210-240	D	20 gpm
152	25.20.27.322	S. Wright	4/79	4220	287	106	4114	4/79	175-275		
153	25.20.27.340	S. Wright	5/74	4230	792	120	4110	5/74	180-250 500-800	I	
154	25.20.27.340a	S. Wright	5/64	4230	300	100	4130	5/64	100-300	I	
155	25.20.27.342	S. Wright	4/55	4230	220	75	4155	4/55	80-215	I	
156	25.20.27.400	D. Flint	11/60	4230	190	65	4165	11/60	150-190	D	
156a	25.20.27.400a	L. Parker	4/80	4230	250	120	4110	4/80	210-246	D	20 gpm
157	25.20.27.412	S. Wright	3/76	4225	713	140	4085	3/76	230-705	I	deepened
158	25.20.27.412a	S. Wright	9/63	4225	230	95	4130	9/63	82-148	I	
159	25.20.27.422	Animas Farmers Well	4/57	4225	154	80	4145	4/57	50-151	D	
160	25.20.27.430	S. Wright	4/65	4230	526	100	4130	4/65	446-526	I	
161	25.20.27.430a	S. Wright	2/57	4230	222	80	4150	2/57	75-220	I	
162	25.20.27.430b	S. Wright	3/55	4230	270	75	4155	3/55	87-148 194-200	I	
163	25.20.27.433	Sid Wright	3/62	4230	218	90	4140	3/62	123-204	I	
164	25.20.27.443	S. Wright	8/58	4230	217	92	4138	8/58	60-211	I	
165	25.20.27.444	S. Wright	4/66	4230	250	95	4135	4/66	130-250	I	
166	25.20.27.444	S. Wright	10/65	4230	210	100	4130	10/65		D	deepened
167	25.20.27.444a	S. Wright	2/55	4230	124	87	4143	2/55	72-122	D	
168	25.20.29.410	J.E. Little	5/72	4240	440				190-440	I	
169	25.20.29.423	J.E. Little	5/62	4230	440				250-385	I	
170	25.20.29.424	J.E. Little	11/62	4230	165					I	deepened, no log
171	25.20.29.424a	J.E. Little	2/63	4230	355	72	4158	2/63	205-355	I	estimated date from received date @ SEO

172	25.20.29.424b	Latham & Reed	11/49	4230	125				55-125	
173	25.20.33.430	D.A. Lee	6/69	4230	685	99	4131	6/69	100-210 470-685	I
174	25.20.34.134	W.A. Tyler	6/53	4230	160				80-160	
175	25.20.34.140	W.A. Tyler	4/57	4230	185	84	4146	4/57		I
177	25.20.34.140a	B.H. Tyler	5/65	4230	900	105	4125	5/65	105-900	I
176	25.20.34.144	W.A. Tyler	11/61	4232	222	100	4132	11/61	104-215	I
178	25.20.34.144a	R.W. Tyler	4/62	4232	400	100	4132	4/62	297-325 380-400	I
179	25.20.34.144b	W.A. Tyler	4/50	4232	104				1- 50	I
180	25.20.34.224	R.A. Hatch	1/62	4232	184	94	4138	1/62		D
181	25.20.34.224a	R. Hatch	4/57	4232	154	94	4138	4/57	104-154	D
182	25.20.34.240	R. Hatch	6/71	4235	710	123	4112	6/71	120-710	I
183	25.20.34.240a	R. Hatch	3/59	4235	146	92	4143	3/59	117-145	I
184	25.20.34.244	R. Hatch	2/57	4235	350	87	4148	2/57	133-350	I
185	25.20.34.244a	H.H. Hatch	10/48	4235	146	58-70		10/48	54-144	
186	25.20.34.244b	V. Hatch	10/61	4235	140	110	4125	10/61	122-140	D
187	25.20.34.244c	Cotton City Stove	3/52	4235	128	80	4155	3/52	70-128	
188	25.20.34.333	R. Anzaldva	2/78	4240	203	103	4137	2/78	76-203	D
189	25.20.34.333a	R.D. Anzaldva	1/76	4240	205				181-205	D
190	25.20.34.333b	R. Anzaldva	1/76	4240	325	120	4120	1/76	170-250	I
191	25.20.34.333c	W.A. Tyler	6/53	4240	176	82-95		6/53	84-176	I
192	25.20.34.340	M. DeVilbriss	8/58	4240	216	100	4140	8/58	117-217	I
195	25.20.34.343	C.M. Tyler	5/63	4240	300	110	4130	5/63	100-300	I
193	25.20.34.344	N.T. DeVilbriss	8/76	4240	248	109	4131		174-224	D
194	25.20.34.344a	W.A. Tyler	1/58	4240	180	110	4130		90-180	I
196	25.20.34.344b	W.A. Tyler	4/48	4240	110	72-74		4/48	50-110	I
197	25.20.34.422	Western Cotton Oil	6/53	4237	200				90-170	
198	25.20.34.422a	Western Cotton Oil	11/50	4237	125	55	4182	11/50		
199	25.20.34.422b	Wester Cotton Oil	7/48	4237	121				60-120	
200	25.20.34.434	W.A. Tyler	3/57	4240	220	90	4150	3/57		I
201	25.20.34.434a	W.A. Tyler	12/53	4240	153				96-153	D
202	25.20.34.434b	W.A. Tyler	8/48	4240	117				58-117	I
203	25.20.34.440	E.T. Lee	3/64	4240	300	90	4150	3/64	90-280	I
204	25.20.34.440a	W.A. Tyler	3/62	4240	222	100	4140	3/62		I
205	25.20.34.444	E.T. Lee	4/68	4242	524				170-524	I
206	25.20.34.444a	E.T. Lee	6/67	4242	300					I
207	25.20.34.444b	E.T. Lee	2/63	4242	287					I
208	25.20.34.444c	W.A. Tyler	5/48	4242	120	58	4184	5/48	58-118	
209	25.20.34.444d	W.A. Tyler	11/52	4242	163					I
210	25.20.35.132	B. Veck	1/57	4230	260	90	4140	1/57	90-255	I
211	25.20.34.223	B. Veck	4/62	4237	504	130	4107	4/62	82-504	I
212	25.20.35.223a	B. Veck	7/53	4237	205	85	4152	7/53	100-180	
213	25.20.35.223b	B. Veck		4237	120				48-108	
214	25.20.35.313	B. Veck	2/78	4237	480				180-480	deepened
215	25.20.35.313a	B. Veck	2/56	4237	200	200	4037	2/56	80-200	I
216	25.20.35.313b	B. Veck	6/53	4237	210	87	4150	6/53	106-210	deepened
217	25.20.35.313c	B. Veck	3/48	4237	130				65-125	
218	25.20.35.314	B. Veck	12/73	4237	305	100	4137	12/73	99-308	I
219	25.20.35.314a	B. Veck	7/62	4237	363	134	4103	7/62	155-280 322-348	I
220	25.20.35.314b	B. Veck	1/62	4237	200					I
221	25.20.35.314c	B. Veck	7/51	4237	160	70	4167	7/51	60-160	
222	25.20.35.340	B. Veck	7/66	4240	580	125	4115	7/66	66- 90 100-576	I
223	25.20.35.343	B. Veck	5/65	4240	541	110	4130	5/65	303-541	I
224	25.20.35.343a	B. Veck	7/62	4240						I
225	25.20.35.343a	B. Veck	7/55	4240	580	75	4165	7/55		I
226	25.20.35.343b	B. Veck	7/53	4240	200	95	4145	7/53	100-190	
227	25.20.35.344	B. Veck	2/52	4240	160	80	4160		120-160	
228	25.20.35.344a	B. Veck	12/47	4240	120				60-120	
229	25.20.35.400	B. Veck	1/61	4240	495	90	4150	1/61	95-494	I
230	25.20.35.433	B. Veck	3/64	4240	260	75	4165	3/64	70-260	I
231	25.20.35.434	B. Veck	12/47	4244	120				60-108	
232	25.20.35.434a	B. Veck	5/52	4244	190	73	4171	5/52	100-190	

100 gpm
30 gal-bailer
test

dry, abandoned

cleaned, no log

cleaned, no log

cleaned, no log

deepened

deepened

deepened

deepened

deepened

cleaned, no log

well drilled to
120, deepened to
200, plugged to
160 ft.

tested @ 2000 gpm

tested @ 1000 gpm

deepened

234	25.20.35.443	B. Veck	5/65	4244	620			340-620	I	
235	25.20.35.443a	B. Veck	1/57	4244	318	90	4154	1/57	188-318	I
236	25.20.35.443b	B. Veck	3/55	4244	280	80	4164	3/55	88-274	I
237	25.20.35.444	B. Veck	2/57	4244	310	90	4154	2/57	230-300	I
238	25.20.35.444a	B. Veck		4244	202				99-199	
239	26.18.16.310	J.G. Uguhart	7/79	4720	435					D
240	26.19.20.222	R.H. Womel, Jr.	5/51	4440	350				199-225 260-270 340-350	S
241	26.19.26.430	E. Peterson	1/73	4500	400	272	4228	1/73	790-400	D,S
242	26.19.31.133	Ray Gordon Richins Farm	3/52	4340	400	88	4252	3/52		
243	26.19.31.134	G.W. Edwards	4/49	4340	180					
244	26.19.31.331	J. Gauthier	3/62	4340	386	110	4230	3/62	110-385	I
245	26.19.31.333	J. Gauthier	9/64	4340	400	115	4245	9/64	150-350	I
246	26.19.31.333a	J. Gauthier	6/65	4340	980	130	4210	6/65	360-980	I
247	26.19.31.333b	R. Alba	2/56	4340	250	100	4240	2/56		I
248	26.19.31.333c	L. Edwards	5/48	4340	200				83-200	I
249	26.20. 2.344	B. Wamel	1/62	4260	585				280-440	I
250	26.20. 2.344a	B. Wamel	11/55	4260	300	75	4185	11/55		I
251	26.20. 2.344b	R.M. Wamel	8/48	4260	156				75-157	
252	26.20. 3.000 Lot 34	C.F. Weatherby	10/59		200	110		10/59	80-200	D
253	26.20. 3.100 Lot 34	E. Richardson	7/66	4240						
254	26.20. 3.100 Lot 34	E.C. Richardson	5/61	4240	215	128	4112	5/61		D
255	26.20. 3.130	M.H. DeVilbiss	4/73	4240	200	122	4118	4/73	125-215	D
257	26.20. 3.200	C.F. Martin	4/73	4246	200	140	4106	4/73		D
256	26.20. 3.320	D. Richins	7/75	4245	250	140	4105	7/75	163-200	D
257a	26.20. 3.331	K. Roark	9/80	4250	249	135	4115	9/80	179-192 202-222	D
258	26.20. 3.340	C. Richardson	3/76	4250	220	100	4150	3/76	180-200	D
259	26.20. 3.343	F. Hicks	9/74	4250	200	90	4160	9/74	200-220	D
260	26.20. 3.400	B.H. Tyler	1/76	4250	200	124	4126	1/76	150-200	D,S
262	26.20. 3.403a	L.C. Tyler	4/57	4250	170	84	4166	4/57	127-177	D
261	26.20. 3.400 Lot 8	L. Tyler	12/75	4250	200	132	4118	12/75	144-176	D
263	26.20. 3.410	Valley View Presbyterian	11/79	4250	253	128	4122	11/79		D
264	26.20. 3.410a	B. Veck	4/65	4250	603				100-114 196-245	
265	26.20. 3.420	Richins, Inc.	1/65	4250	200	134	4116	1/65		
266	26.20. 3.420a	J.T. Hill	4/61	4250	225	125	4125	4/61	114-200	D
267	26.20. 3.433	B. Upshaw	1/76	4254	200	90	4164	1/76	95-213	D
268	26.20. 3.434	D. Richins	2/79	4254	246	91	4163	2/79	180-200	D
268a	26.20. 3.440	D. Owens	8/80	4260	322	115	4145	8/80	282-312	D
269	26.20. 3.443	P.J. Hardt	5/79	4254	285	130	4124	5/79		D
270	26.20. 3.443	T. Upshaw	9/74	4254	260	140	4114	9/74	250-280	D,S
271	26.20. 4.000	C. Roark	3/59	4243	203	95	4148	3/59	200-255	D,S
272	26.20. 4.144	L.W. Roark	1/65	4243	300	95	4148	1/65	95-200	I
273	26.20. 4.144a	L. Roark	1/65	4243	380	90	4153	1/65	6-380	I
274	26.20. 4.144b	L. Roark	7/74	4243	613	183	4060	7/74	390-603	
275	26.20. 4.144c	L.W. Roark	2/62	4243	200	78	4165	2/62		I
276	26.20. 4.144d	W.W. Roark	1/53	4243	200	80	4163	1/53	80-195	
277	26.20. 4.244	C. Bitner	4/59	4240	150	115	4125	4/59	100-146	D
278	26.20. 4.244a	M. DeVilbiss	1/62	4240	200	105	4135	1/62		I
279	26.20. 4.244b	W.W. Roark	4/52	4240	200	69	4171	4/52	70-200	
280	26.20. 4.324	L. Roark	3/63	4245	631	90	4155	3/63	285-631	I
281	26.20. 4.324a	L. Roark	6/62	4245	248	125	4120	6/62	121-248	I
282	26.20. 4.324b	W.W. Roark	3/52	4245	186				105-162	
283	26.20. 4.324c	W. Roark	6/50	4245	106				65-106	
284	26.20. 4.334	W.W. Roark	9/55	4241	294	110	4131	9/55	90-290	I
285	26.20. 4.344	W.W. Roark	4/65	4246	500	90	4156	4/65		I
286	26.20. 4.344a	W.W. Roark	3/57	4246	200	105	4141	3/57	90-198	I
287	26.20. 4.344b	W.W. Roark	4/52	4246	180	70	4176	4/52	85-175	
288	26.20. 4.344c	W.W. Roark	2/49	4246	109				61-109	
289	26.20. 4.420	C.E. Roark	4/79	4245	200	120	4125	4/79	160-200	D
290	26.20. 4.422	W.W. Roark	3/52	4245	205	72	4173	3/52	72-200	
291	26.20. 4.430	J.C. Roark	2/77	4246	245	117	4129	2/77	130-215	I

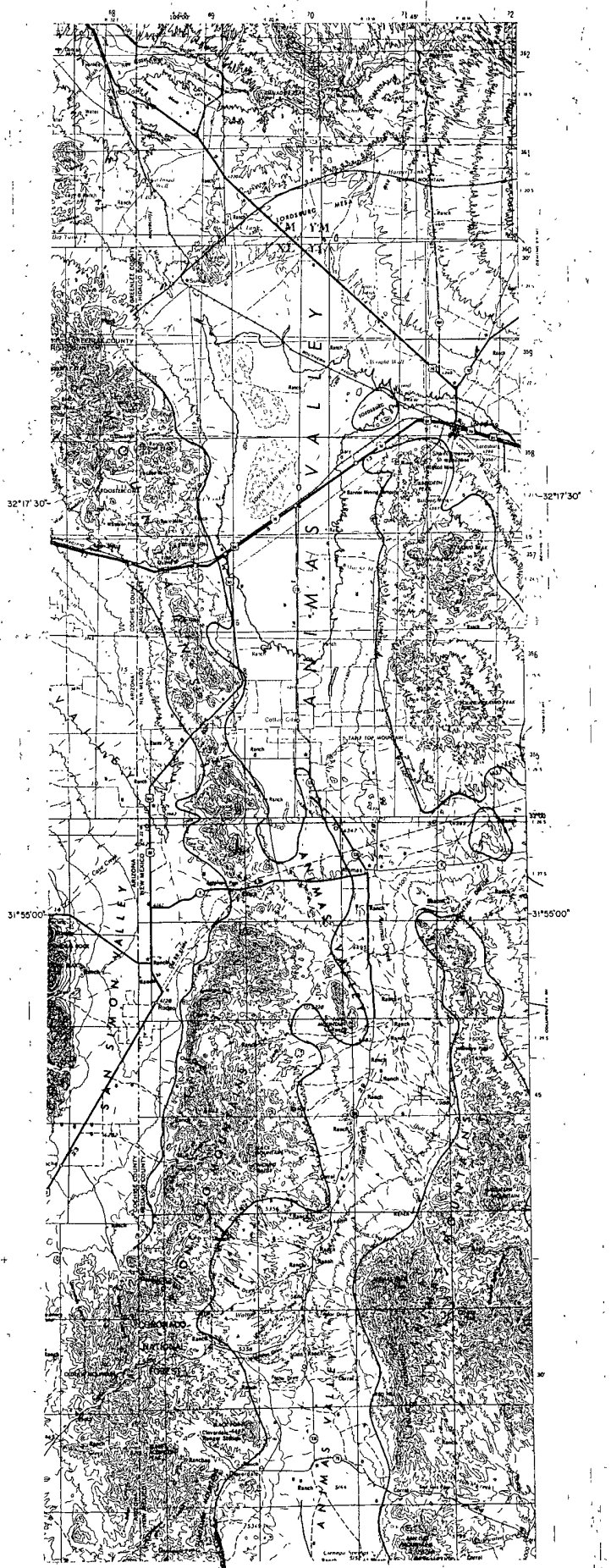
292	26.20. 4.444	J.C. Roark	8/66	4250	750	158	4092	8/66	117-750	I	
293	26.20. 4.444a	J.C. Roark	6/61	4250	205	125	4125	6/61	190-205	D	
294	26.20. 4.444b	J.C. Roark	3/52	4250	200	90	4160	3/52	85-195		
295	26.20. 5.100	A. Peterson	1/79	4235	250	102	4133	1/79	170-214	D, S	10 gpm
296	26.20. 5.143	D.A. Lee	12/53	4235	204						
297	26.20. 5.143a	D.A. Lee	6/54	4235	395				200-395		
298	26.20. 5.333	T.J. Toti	5/59	4238	407	100	4138	5/59	95-405	I	
299	26.20. 5.334	D.A. Lee	5/52	4238	206				50-200	I	
300	26.20. 5.344	T.J. Toti	6/59	4237	275	100	4137	6/59	1-202	I	
301	26.20. 5.420	D.A. Lee	3/56	4240	304					I	
302	26.20. 5.422	D.A. Lee		4240	207				160-200	D	25 gpm
303	26.20. 5.422a	D.A. Lee	9/56	4240	270	93	4147	9/56	87-270	I	
305	26.20. 5.443	D.A. Lee	6/53	4240	205				85-205		
304	26.20. 5.444	B. Veck	5/65	4241	500				145-500	I	deepened
306	26.20. 5.444a	D.A. Lee	5/51	4240	155	68	4172	5/51	72-155	I	
307	26.20. 8.440	C.F. Weatherby	9/53	4251	303				100-300		
308	26.20. 8.443	C.F. Weatherby	6/65	4250	500	125	4125	6/65	150-500	I	deepened
309	26.20. 8.444	C.F. Weatherby	6/79	4251						I	cleaned, no log
310	26.20. 9.144	J.L. Roach	7/64	4250	300	135	4115	7/64	100-300	I	
311	26.20. 9.144a	J.L. Roach	6/51	4250	185	88	4162	6/51	147-185	I	cleaned
312	26.20. 9.144b	J.L. Roach	4/51	4250	147	60	4190	4/51	61-136	I	
313	26.20. 9.144c	J.L. Roach	7/53	4250	354	97	4153	7/53	90-285		
314	26.20. 9.144d	J.L. Roach	3/53	4250	200	60	4190	3/53	85-185		
315	26.20. 9.144e	J.L. Roach	3/52	4250	200	75	4175	3/52	90-200		
316	26.20. 9.144f	J.L. Roach	4/48	4250	148	64	4186	4/48	70-148	I	*
317	26.20. 9.222	M. Woods	4/59	4250	200	120	4130	4/59	120-128 145-165	I	
318	26.20. 9.224	S. Wood	10/54	4250	200					D	
319	26.20. 9.243	S. Garvin	7/74	4255	610	137	4118	7/74	44-610	I	
320	26.20. 9.244	S.W. Garvin	3/66	4255	590	110	4145	3/66	340-590	I	deepened
321	26.20. 9.244a	S.W. Garvin	3/57	4255	346	101	4154	3/57	100-330	I	
322	26.20. 9.244b	S.W. Garvin	2/58	4255	300	90	4165	2/58	136-300	I	
323	26.20. 9.244c	S. Wood	2/51	4255	148	73	4182	2/51	80-145		
324	26.20. 9.340	H. Woods	12/56	4257	397	80	4177	12/56	297-303 324-350	I	
325	26.20. 9.342	M. Wood	4/64	4257	488	100	4157	4/64	135-360	I	deepened
326	26.20. 9.342a	H. Wood	2/51	4257	150	72	4185	2/51	72-148		
327	26.20. 9.344	H. Wood	6/49	4257	86						
328	26.20. 9.434	P. Wood	6/53	4257	360	120	4137	6/53	110-235 277-308 335-340		
329	26.20. 9.443	P. Wood	6/62	4260	525	100	4160	6/62	230-525	I	
330	26.20. 9.443a	P. Wood	2/60	4260	307	115	4145	2/60	102-143 197-303	I	
331	26.20. 9.444	G. Jackson	6/79	4260	700	120	4140	6/79		I	cleaned, no log
332	26.20. 9.444a	G. Jackson	3/74	4260	614	124	4136	3/74	153-614	I	294-302 (150 gpm); 344-348 (150 gpm)
333	26.20. 9.444b	P. Wood	2/57	4260	325	80	4180	2/57	133-152 205-210 272-288 295-308	I	
334	26.20. 9.444c	H. Wood	4/48	4260	140				75-140		
335	26.20.10.112	M.L. Crum	2/62	4252	400				189-400	I	
336	26.20.10.112a	L. Crum	10/52	4252	202	83	4169	10/52	83-200		
337	26.20.10.122	B.A. Richardson	4/63	4255	293	90	4165	4/63	88-294	I	
338	26.20.10.122a	E.C. Richardson	12/52	4255	145	89	4166	12/52	70-145	D	
339	26.20.10.142	E. Richardson	2/50	4260	171				65-171	I	
340	26.20.10.142a	E.C. Richardson	6/49	4260	124				1-73	I	
341	26.20.10.212	Church (Saints)	2/53	4260	151	80	4180	2/53	100-151		
342	26.20.10.241	S. Wright	6/60	4260	234	80	4180	6/60	50-230	I	
343	26.20.10.243	R.T. Bonar	8/50	4265	116	79	4185	8/50	76-116	I	
344	26.20.10.243a	B.G. Bonar	4/51	4265	165	62	4203	4/51	116-165	I	deepened 116-165
345	26.20.10.320	M. Crum	12/65	4260	500	85	4175	12/65	85-300 357-500	I	
346	26.20.10.321	M.L. Crum	1/50	4260	195				63-195	I	
347	26.20.10.321a	M.L. Crum	4/48	4260	117				58-117	I	
348	26.20.10.342	S. Wright	12/54	4260	310				157-287	I	
349	26.20.10.342a	S. Wright	6/49	4260	180	75	4185	6/49	80-180		
350	26.20.10.344	A. Ramos	9/62	4270	230	65	4205	9/62	82-230	I	
351	26.20.10.344a	S. Wright	1/52	4270	200	60	4210	1/52	120-200		
352	26.20.10.344b	J.W. Phillips	2/71	4270	430					I	deepened
353	26.20.10.344c	S. Wright	4/48	4270	144				84-144	I	

354	26.20.10.434	K.D. Hudgens	12/61	4270	466	100	4170	12/61	426-466	I	
355	26.20.10.434a	K.D. Hudgens	12/52	4270	224				152-224		
356	26.20.10.434b	K.D. Hudgens	6/51	4270	161	80	4190	6/51	71-161		
357	26.20.10.444	K. Hudgens	3/66	4274	400	95		3/66	158-400	I	
358	26.20.10.444a	K.D. Hudgens	5/49	4274	163				56-160	I	
359	26.20.10.444b	D.G. King	10/47	4274	120				65-120	I	
360	26.20.10.444c	K.D. Hudgens	12/52	4274	230				160-230	I	deepened
361	26.20.11.111	Hidalgo Gin Co.	7/59	4260	242	82	4178	7/59	72-102 182-242	C	
362	26.20.11.111a	Wamel	1/53	4260	220	92	4168	1/53	80-219		
363	26.20.11.140	W. Wamel	6/52	4270	175	70	4200	6/52	60-174		plugged
364	26.20.11.144	R.H. Wamel, Jr.	1/52	4270	200				85-200	I	plugged
365	26.20.11.232	R.H. Wamel	8/48	4269	167				77-167		plugged
366	26.20.11.342	R.H. Wamel	3/52	4270	243				76-243	I	
367	26.20.11.413	R.H. Wamel	2/48	4270	160				75-160		
368	26.20.13.222	T. Davis	3/55	4330	156	86	4244	3/55			
369	26.20.14.121	R.H. Wamel	2/70	4280	272	110	4170	2/70		I	cleaned
370	26.20.14.121a	R.H. Wamel	2/65	4280						I	deepened
371	26.20.14.121b	R.H. Wamel	7/58	4280	302	120	4160	7/58	38-207	I	
372	26.20.14.122	R.H. Wamel	9/51	4280	300				99-274	I	
373	26.20.14.124	R.H. Wamel	11/52	4280	200	100	4180	11/52	100-190		
374	26.20.14.124a	R.H. Wamel	2/48	4280	150				75-150		
375	26.20.14.133	R.H. Wamel	1/53	4280	200	70	4210	1/53	93-195		
376	26.20.14.224	R.H. Wamel	6/48	4295	225						abandoned, casing pulled
377	26.20.14.234	R.H. Wamel	7/50	4290	400				129-157	D	
378	26.20.14.234a	R.H. Wamel		4290	238						abandoned, casing pulled
379	26.20.14.311	B. Wamel	3/55	4280	401	103	4177	3/55	75-200	I	
380	26.20.14.311a	B. Wamel	1/62	4280	530					I	deepened
381	26.20.14.321	R.H. Wamel	2/72	4280	500	117	4163	2/72		I	deepened
382	26.20.14.321a	R.H. Wamel	10/50	4280	223				110-200	I	
383	26.20.14.324	R.H. Wamel	8/53	4285	500	119	4166	8/53			
384	26.20.14.330	R.H. Wamel	5/74	4284	500	220	4064	5/74	200-495	I	
385	26.20.14.332	B. Wamel	2/62	4285	510					I	deepened
386	26.20.14.332a	B. Wamel	8/54	4285	330	100	4185	8/54	110-330		
387	26.20.14.334	R.H. Wamel	2/61	4284	650	90	4194	2/61	343-649	I	deepened
388	26.20.14.334a	R.H. Wamel	8/56	4284	350	100	4184	8/56	70-325	I	
389	26.20.14.334b	R.H. Wamel	6/58	4284	500	130	4154	6/58	138-498	I	
390	26.20.14.343	B. Wamel	2/62	4290	700	100	4190	2/62		I	deepened
391	26.20.14.343a	B. Wamel	6/54	4290	300	95	4195	6/54	105-300	I	
392	26.20.14.411	R.H. Wamel	8/53	4285	265	118	4167	8/53			
393	26.20.14.413	R.H. Wamel	2/49	4290	190				80-190		
394	26.20.14.423	R.H. Wamel	3/48	4290	196				75-196	D	
395	26.20.15.124	E. Browning	9/58	4270	420	90	4180	9/58	131-415	I	
396	26.20.15.224	E. Browning	3/61	4275	400	100	4175	3/61	197-400	I	
397	26.20.15.242	Crabtree & Burt	7/51	4280	193	90	4190	7/51	93-193		
398	26.20.15.242a	Crabtree & Burt	1/48	4280	120				55-120		
399	26.20.15.314	Franklin Farms	4/69	4270	550				190-550	I	
400	26.20.15.314a	E.N. Crossett	6/53	4270	352	100	4170	6/53		I	deepened
401	26.20.15.314b	E.N. Crossett	5/53	4270	200	90	4180	5/53	100-200		
402	26.20.15.334	Crabtree & Burt	3/51	4280	200				75-200		
403	26.20.15.343	E.N. Crossett	1/57	4280	448					I	deepened
404	26.20.15.343a	E.N. Crossett	2/54	4280	290	76	3924	2/54	195-285	I	
405	26.20.15.344	E.N. Crossett	6/53	4280	206	114	4166	6/53	114-132 156-176 190-204		
406	26.20.15.344a	Crabtree & Burt	2/48	4280	130				55-130		
407	26.20.15.414	B. Veck	7/58	4280	400	97	4183	7/58	105-340	I	
408	26.20.15.424	B. Veck	2/59	4280	193					I	cleaned, no log
409	26.20.15.424a	B. Veck	2/48	4280	130				80-130	I	
410	26.20.15.424b	B. Veck	3/49	4280	145					I	deepened
411	26.20.14.424c	B. Veck	2/52	4280	193	80	4200	2/52	133-193	I	deepened
412	26.20.15.443	A. Ramas, Jr.	11/59	4280	501	100	4180	11/59	132-502	I	
413	26.20.15.444	A. Ramas, Jr.	2/61	4284	550	115	4169	2/61	95-550	I	
414	26.20.15.444a	Crabtree & Burt	4/48	4284	147				60-147		
415	26.20.17.133	Weatherby	1/53	4247	200						
415a	26.20.22.220	V. Lee	8/80	4280	280	130	4150	8/80	164-204 234-264	D,S	20 gpm
416	26.20.23.100	D. Burton	3/60	4290	405	101	4189	3/60	98-395	I	
417	26.20.23.133	J.D. Burton	5/74	4290	260	160	4130	5/74	180-240	D	25 gpm

418	26.20.23.133a	J.D. Burton	6/53	4290	200	150	6/53	150-175	D	deepened	62
419	26.20.23.133b	J.D. Burton	3/49	4290	104			65-104	D		
420	26.20.23.144	J.D. Burton	1/49	4295	200			74-198			
421	26.20.23.234	B. Veck	6/52	4300	210	85	4215	6/52	180-209	I	
422	26.20.23.234a	B. Veck	2/55	4300	400	95	4205	2/55	195-400	I	deepened
426	26.20.23.234b	B. Veck	4/51	4300	200			85-185			
423	26.20.23.244	B. Veck	2/55	4300	400	93	4207	2/55	155-400	I	
424	26.20.23.244a	B. Veck	2/48	4300	130			80-130	I		
425	26.20.23.244b	B. Veck	3/49	4300	151			120-151	I	deepened	
427	26.20.23.311	T. Davis	10/59	4290	175	107	4183	10/59	105-170	D	
428	26.20.23.311a	T. Davis	1/53	4290	111			95-111	D		
429	26.20.23.333	T. Davis	1/53	4297	135			70-135	D		
430	26.20.23.433	T. Davis	4/65	4298	320	135	4163	4/65	120-320	I	
432	26.20.23.433a	T. Davis	5/49	4298	145			70-145	I		
431	26.20.23.433b	T. Davis	3/51	4298	200			65-200	I		
433	26.20.24.333	V.E. Davis	1/66	4308	288				I	deepened	
434	26.20.24.333a	V.E. Davis	3/63	4308	607				I	deepened	
435	26.20.24.333b	V.E. Davis	1/59	4308	351	110	4198	1/59	112-351	I	
436	26.20.24.343	J. Davis	1/55	4310	350	85	4225	1/55	60-130 225-350	I	650 gpm
437	26.20.24.133	V. Washburn	1/63	4310	300	117	4193	1/63	121-300	D	
438	26.20.24.133a	V. Washburn	3/54	4310	300				100-300	I	
439	26.20.25.211	E.W. Richens	4/53	4320	200					D	
440	26.20.26.243	V. Washburn	1/59	4305	303	103	4202	1/59	99-299	I	
441	26.20.26.422	K. Washburn	6/48	4310	151				81-151	I	
442	26.20.26.422a	K. Washburn	4/51	4310	205				144-205	I	deepened
443	26.20.26.422b	V. Washburn	4/51	4310	205					I	deepened
445	26.20.29.100	L. Washburn	3/54	4260	200				48-200	I	
444	26.20.29.141	V. Washburn	6/75	4260	500	160	4100	6/75	350-500	I	
446	26.20.29.142	V. Washburn	4/74	4254	217	100	4154	4/74		I	cleaned, no log
447	26.20.29.142a	K. Washburn	8/49	4254	132				40-132		
448	26.20.29.311	L. Washburn	12/63	4260	120					S	
449	26.20.29.311a	L. Washburn	4/53	4260	142	60	4200	4/53	84-142		
450	26.20.32.233	K. Washburn	10/52	4270	150				65-150	S	
451	26.20.35.111	V. Washburn	11/62	4302	300	108	4194	11/62	120-300	D	
452	26.20.35.111a	V. Washburn	4/51	4302	150	85	4217	4/51	78- 92 136-150		
453	26.20.36.224	R.H. Wamel	2/71	4330	300	145	4185	2/71	204-300	D,S	
454	26.21. 4.444	J.C. Roark	7/66	4200	230	120	4080	7/66	193-203	I	deepened
455	26.21.12.100	T.A. Baker	10/51	4283	150					S	
456	26.21.13.430	Phelps Dodge	2/72	4420	701	80	4340	2/72		S	
457	26.18. 5.334	V.A. Peterson	5/67	4475	301	215	4260	5/67		D,S	cleaned, no log
457a	27.18. 7.100	R. Hooten, Jr.	9/80	4460	193	105	4355	9/80	108-148	D	100 gpm
457b	27.18.12.120	B. Hogan	11/80	4375	200	120	4255	11/80	157-197	D	75 gpm
457c	27.18.12.220	S. Mullins	5/80	4350	185	115	4235	5/80	115-135	D	12 gpm
457d	27.18.12.220a	T. Hewlett	5/80	4350	163	120	4230	5/80	133-163	D	15 gpm
457e	27.18.12.220b	D. Bittle	5/80	4350	163	113	4237	5/80	133-163	D,S	12 gpm
458	27.18.18.240	E. Peterson	1/73	4475	400	242	4233	1/73		D,S	
459	27.19. 7.331	Columbus Electric	7/72	4375	300				250-300		
460	27.19. 7.340	Columbus Electric	7/54	4375	155	132	4243	7/54	135-155		
461	27.19.11.231	V.A. Peterson	6/63	4425	700	168	4257	6/63		I	deepened
462	27.19.11.233	V.A. Peterson	7/53	4425	390					I	
463	27.19.11.333	A. Peterson	7/78	4400	227	160	4240	7/78		S	15-20 gpm, deepened
464	27.19.11.411	V.A. Peterson	10/53	4425	350					I	
465	27.19.11.412	V.A. Peterson	5/59	4425	605						
466	27.19.17.330	R.H. Wamel	9/73	4400	508	238	4162	9/73	230-500	I	
467	27.19.17.332	R.H. Wamel	8/58	4400	500	140	4260	8/58	130-498	I	
468	27.19.17.343	G. Wamel	3/55	4400	328	328	4072	3/55	1-328	I	
469	27.19.17.433	R.H. Wamel	8/53	4400	300	152	4248	8/53			
470	27.19.17.433a	R.H. Wamel	6/52	4400	300				140-300	I	*
470a	27.19.18.300	T. Townsend	3/80	4393	250	170	4223	3/80	220-250	D	25 gpm
471	27.19.18.400	C. Cathey	9/78	4400	311	175	4225	9/78	270-311	D	
472	27.19.18.412	J.P. Byrne	3/74		260	170		3/74	255-260	D,S	30 gpm
473	27.19.19.100	P. Adams	1/76	4401	300	190	4211	1/76	260-300	D	300 gpm
474	27.19.19.100a	D. Janzen	12/74	4401	300	178	4223	12/74	200-300	D	50 gpm
475	27.19.19.110	C. Cason	2/77	4393	300				280-300	S	200 gpm
476	27.19.19.110a	R.L. Koons	3/76	4393	300	175	4218	3/76	180-300	D	50 gpm
477	27.19.19.120	S.H. Strange	9/61	4400	220	160	4240	9/61	160-220	D	
478	27.19.19.200	E. Elbrock	3/78	4400	255	160	4240	3/78	175-255		170-180 (5 gpm); 220-255 (100 gpm)

479	27.19.19.200a	C. Cannon	2/77	4400	300			280-300	D	200 gpm	63
480	27.19.19.200b	C. Cannon	4/74	4400	300	200	4200	200-300	D	30 gpm	
481	27.19.19.212	J. Curry	8/53	4400	200			130-160 180-200	D		
482	27.19.19.220	R. Danielson	5/79	4400	250	170	4230	200-240	D,S	15 gpm	
483	27.19.19.220a	W. Nigminaw	9/76	4400	300	178	4222	260-300	D,C	200 gpm	
484	27.19.19.220b	Animas Co. Ctr.	9/76	4400	320	177	4223	260-300	D	300 gpm	
485	27.19.19.222	W.J. Parsley	4/80	4400	260	169	4231	200-240	D	12 gpm	
486	27.19.19.240	F.A. Gauthier	2/61	4400	500	146	4254	146-500	I		
488	27.19.19.344	W.M. Massey	10/62	4416	750	160	4256	10/62	I	deepened, cleaned	
489	27.19.19.344a	L.L. Willey	2/51	4416	280	130	4286	150-278			
490	27.19.19.433	B.F. Massey	5/65	4416	800				I	deepened	
491	27.19.19.433a	W.M. Massey	2/55	4416	300	141	4275	140-300	I		
492	27.19.19.434	W.M. Massey	5/59	4413	500	135	4278	140-309	I		
493	27.19.19.434a	W.B. Lupe	3/48	4413	213	130	4283	5/48		*	
494	27.19.20.110	Animas School Dist.	1/78	4402	486	190	4212	1/78 192-212 350-370 392-412 425-445 466-486			
495	27.19.20.123	Animas School	1/66	4400	496			395-495	D,I	deepened	
496	27.19.20.123a	Animas School	12/63	4400	310	160	4240	140-300	D		
487	27.19.20.124	H.G. Adams	1/64	4405	272	152	4253	162-272	D		
497	27.19.20.124a	Baptist Church	11/66	4405	300	147	4258	220-300	D		
498	27.19.20.142	V.H. Walters, Jr.	5/74	4405	320	135	4270	240-300	D	20 gpm	
499	27.19.20.142a	F. Gauthier	10/53	4405	210	138	4267	150-210			
500	27.19.20.143	F. Gauthier	9/75	4405	300			260-300	D	100 gpm	
501	27.19.20.143a	F. Gauthier	9/74	4405	300	265	4140	265-300	D,C	180 gpm	
502	27.19.20.210	R. Adams	7/62	4405	300	170	4235	280-300	D		
503	27.19.20.211	W.A. Ballard	2/66	4405	340	140	4265	300-340	D	deepened	
504	27.19.20.230	K. Brooks	10/77	4405	303	175	4230	256-303	D,S		
505	27.19.20.322	Massey Bros. Farm	3/71	4405	800	170	4235	3/71	I	deepened	
506	27.19.20.322a	F. Gauthier	1/53	4405	311	130	4275	158-311			
507	27.19.20.334	F. Gauthier	4/49	4421	210			135-210			
508	27.19.20.334a	F. Gauthier	2/49	4421	208			133-208			
509	27.19.20.334b	F. Gauthier	3/49	4421	250			200-250		deepened	
510	27.19.20.334c	F. Gauthier	4/49	4421	210			135-210			
511	27.19.20.334d	F. Gauthier	10/53	4421	350	138	4283	10/53		deepened	
512	27.19.20.343	W.M. Massey	5/71	4421	800	171	4250	5/71	I	deepened	
513	27.19.20.443	F. Gauthier	6/49	4421	250			112-218			
514	27.19.20.443a	W.M. Massey	5/65	4421	800				I	deepened	
515	27.19.20.443b	B.R. Medlin	12/52	4421	300	132	4289	138-265			
516	27.19.20.444	B.R. Medlin	6/57	4422	303	151	4271	154-303	I		
517	27.19.20.444a	W.M. Massey	10/62	4422	750	160	4262	10/62	I	deepened	
518	27.19.21.100	State HW Dept.	7/72	4400	300	160	4240	200-300	D		
518a	27.19.21.110	E. Barnes	5/80	4400	308	180	4220	205-215 258-298	D	20 gpm	
519	27.19.21.111	J.D. Groom	7/73	4400	285	170	4230	170-250	D		
520	27.19.21.113	J. Gauthier	7/62	4400	185	155	4245	7/62	D	cleaned, no log	
521	27.19.21.120	W. Upshaw	2/76	4400	300	168	4232	260-300	D	500 gpm	
522	27.19.22.100	C.W. Ritter	3/75	4450	285	170	4280	245-285	D	100 gpm	
523	27.19.22.100a	W.F. Anderson	5/61	4450	190	170	4280	5/61	D	deepened	
524	27.19.22.320	D.C. Looney	5/78	4450	320	205	4245	260-320	D,S	225-228 (1-2 gpm), 312-316 (7-20 gpm)	
525	27.19.22.340	A.J. Gray	4/80	4450	252	205	4245	208-252	D,S	210-213 (10 gpm), 216-228 (40 gpm), 230-235 (5 gpm), 240-244 (5 gpm)	
525a	27.19.22.410	L. Rains	2/81	4475	400	235	4240	278-318	D	100 gpm	
526	27.19.22.430	J. Lasher	3/80	4475	400	270	4205	345-365	D	320-323 (4 gpm), 351-359 (2 gpm)	
527	27.19.29.334	F.A. Gauthier	12/54	4437	308	138	4299	12/54	I	deepened	
528	27.19.30.213	T.D. Neal	8/51	4425	218	143	4282	128-218			
529	27.19.30.214	T.D. Neal	3/71	4425	800			400-800	I	deepened	
530	27.19.30.214a	J.E. Offutt	5/59	4425	413			213-413	I	deepened	
531	27.19.31.220	S.H. Strange	1/76	4450	300	179	4271	1/76	S	cleaned	
532	27.19.31.222	H. Strange	10/62	4450	300	145	4305	150-285	D		
533	27.19.32.200	J. Johnson	12/76	4437	300	180	4257	260-300	D,S		
534	27.19.34.113	L.R. Adams	10/77	4475	275	215	4260	227-247	I	165 gpm, deepened	
535	27.19.34.114	R. Adams	9/52	4475	225			200-225	D		
536	27.20.2.420	R.H. Wmml	5/61	4338	520	130	4208	5/61	S		

537	27.20. 2.424	R.H. Wamel	12/54	4344	200					S	
538	27.20. 2.424a	R.H. Wamel	12/54	4344	200	80	4264	12/54		S	
539	27.20. 2.444	R.H. Wamel	12/54	4344	150					I	
540	27.20. 2.444a	R.H. Wamel	12/54	4344	150	110	4234	12/54		I	
541	27.20. 4.130	T. Washburn	12/59	4288	150	83	4205	12/59	110-150	D	
542	27.20.10.433	V. Washburn	10/52	4350	150				100-150	S	
543	27.20.12.230	A. Payne	5/74	4350	550	120	4230	5/74	180-550	I	
544	27.20.12.244	H. Moore	1/57	4375	254	122	4253	1/57	135-215	D	
545	27.20.12.244a	D.G. King	3/48	4375	170				100-170	I	
546	27.20.12.442	H. Moore	1/57	4375	483	120	4255	1/57	197-483	I	deepened
547	27.20.12.444	J.D. Curry	3/49	4377	200				100-200	I	
548	27.20.12.444a	H. Moore	4/71	4377	600	130	4247	4/71	240-600	I	deepened
549	27.20.12.444b	D.G. King	11/51	4377	255	217	4160	8/61	129-250	*	
550	27.20.13.144	J.D. Curry	3/49	4375	200	133	4242	3/49	96-200		
551	27.20.13.410	R.H. Wamel	3/61	4375	198	120	4255	3/61	130-198	S	
552	27.20.16.400	El Paso Natural Gas Co.	7/65	4350	432	18	4332	7/65		C	
553	27.20.16.443	K. Washburn	5/51	4350	125	90	4260	5/51	105-125		
554	27.20.21.110	F. Hill	5/59	4400	405	203	4197	5/59		S	330-331 (1 gpm)
556	27.20.21.222	E. Richens	11/54	4350	240	100	4250	11/54	110-240	I	no log
555	27.20.22.111	A. Hill	1/55	4350	240				100-240	I	
557	27.20.26.310	E. Elbrock	10/70	4425	320	160	4265	10/70	120-320	I	
558	27.20.26.311	L. Garcia	3/53	4425	225				120-220	I	
559	27.19. 5.110	B. Darnell	1/76	4450	360	190	4260	1/76	320-360	D,S	150 gpm
560	27.19. 8.210	C. Yarbrough	9/59	4475	302				201-303	D	
561	28.19.10.330	G. Johnson	5/63	4525	350	222	4303	5/63	330-350	S	deepened
563	28.19.16.240	B. Veck	12/59	4500	700	190	4310	12/59	349-649	I	
562	28.19.16.244	B. Veck	3/66	4525	880	225	4300	3/66		I	deepened
564	28.19.16.440	B. Veck	6/63	4525	765	270	4255	6/63	1-416	I	
565	28.19.16.444	J. Woodard	4/53	4525	380				220-380	I	
566	28.19.16.444a	H.V. Green	4/75	4525	800	225	4300	4/75	202-512	I	
567	28.19.17.211	W.A. Tyler	9/58	4500	337	200	4300	9/58	220-337	I	date estimated
568	28.19.17.221	W.A. Tyler	11/61	4500	735	199	4301	11/61	200-412	I	
569	28.19.20.244	J.L. Foster	4/61	4550	350	250	4300	4/61	262-350	S	deepened
570	28.19.21.240	B. Veck	11/59	4525	700	220	4305	11/59	122-430	I	
571	28.19.27.200	F. Croom	11/70	4575	391	310	4265	11/70	315-375	S	deepened
572	28.19.27.230	J.L. Dunagan	4/63	4575	600	272	4303	4/63	260-340	I	
573	28.19.27.314	J.L. Dunagan	10/64	4575	1000	272	4303	10/64		I	deepened
574	28.19.34.430	M.F. Johnson	4/70	4599	370				310-370	D,S	
575	28.20. 2.200	B. Darnell	6/68	4525	300	180	4345	6/68	180-230	D	
576	28.20.12.210	H. Strange	8/56	4550	285	250	4300	8/56	237-283	S	
577	29.19.20.220	J. Croom	4/64	4650	60	35	4615	4/64	10- 50	S	
578	29.19.34.300	Cockrell Corp.	10/71	4800	140	90	4710	10/71		C	
579	29.20. 2.410	G. Godfrey	5/63	4800	520	478	4322	5/63	468-490	S	
580	30.20.24.330	D. Richards	7/74	4875	600	520	4355	7/74	537-600	S	30 gpm



Animas Basin

10/1/30

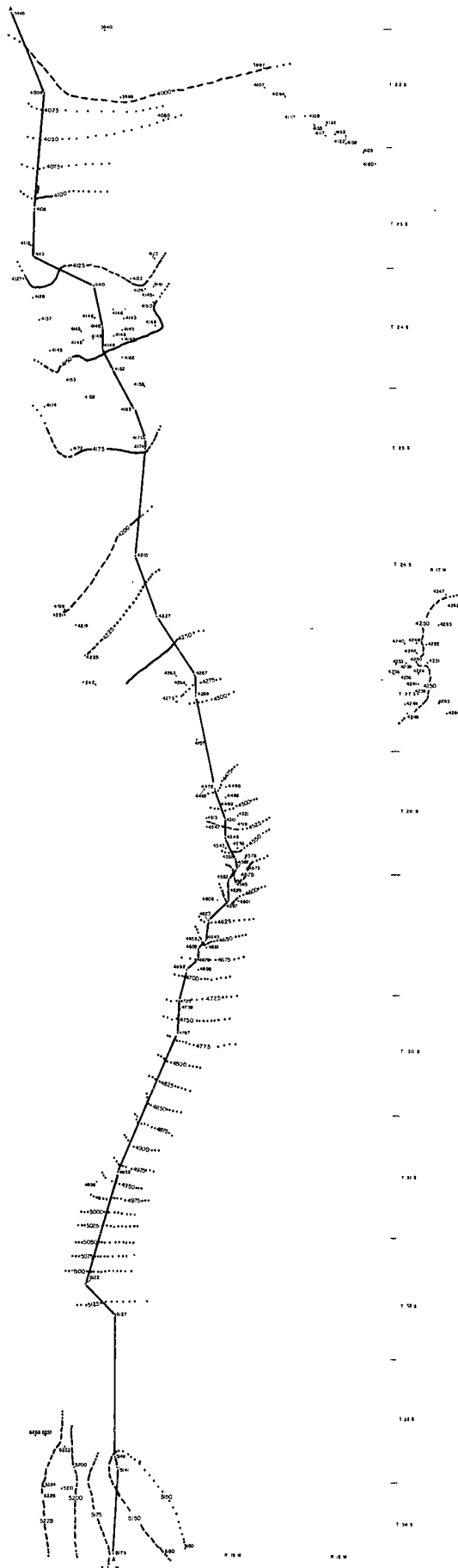


Plate 1 Water-level contour map in 1913

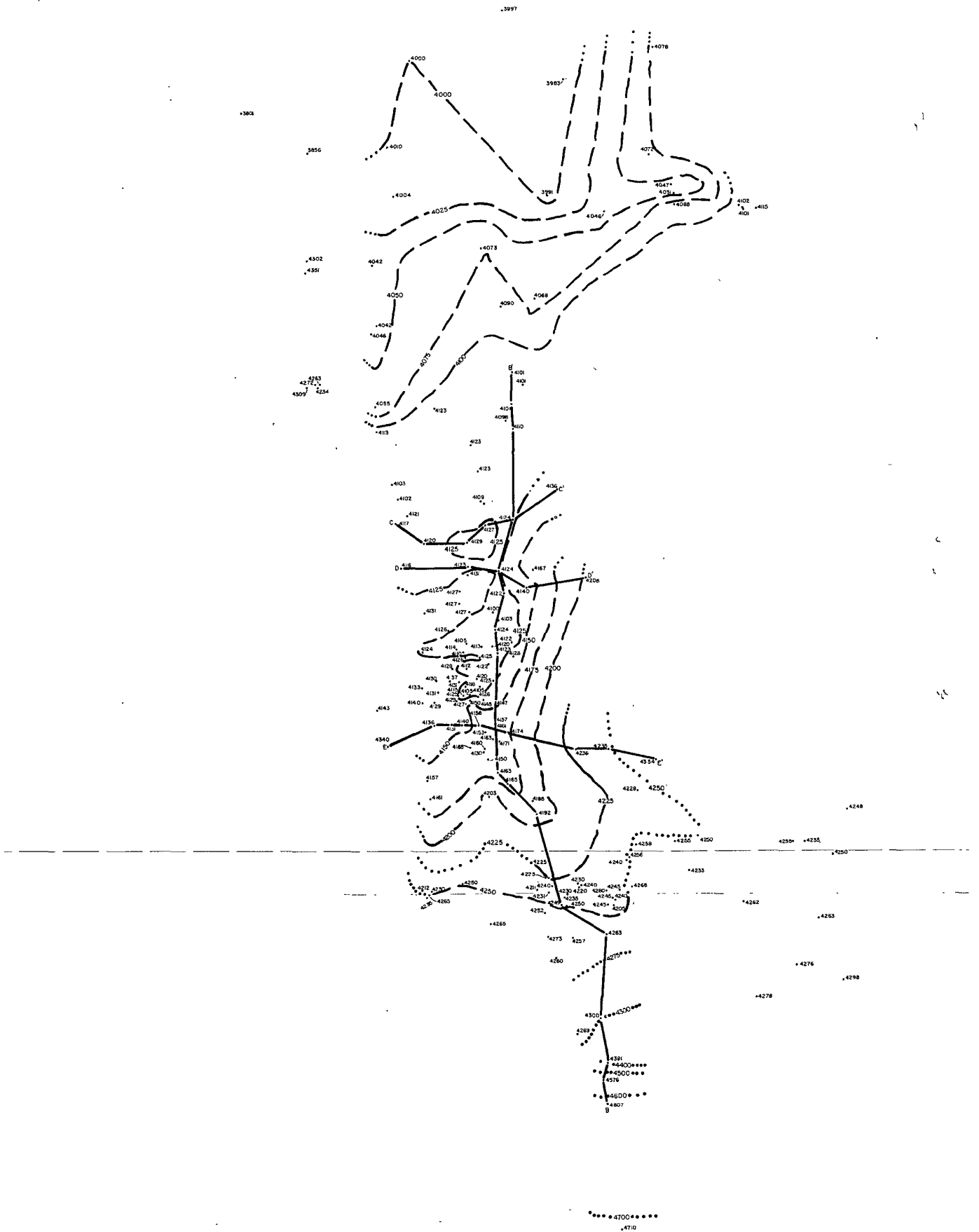
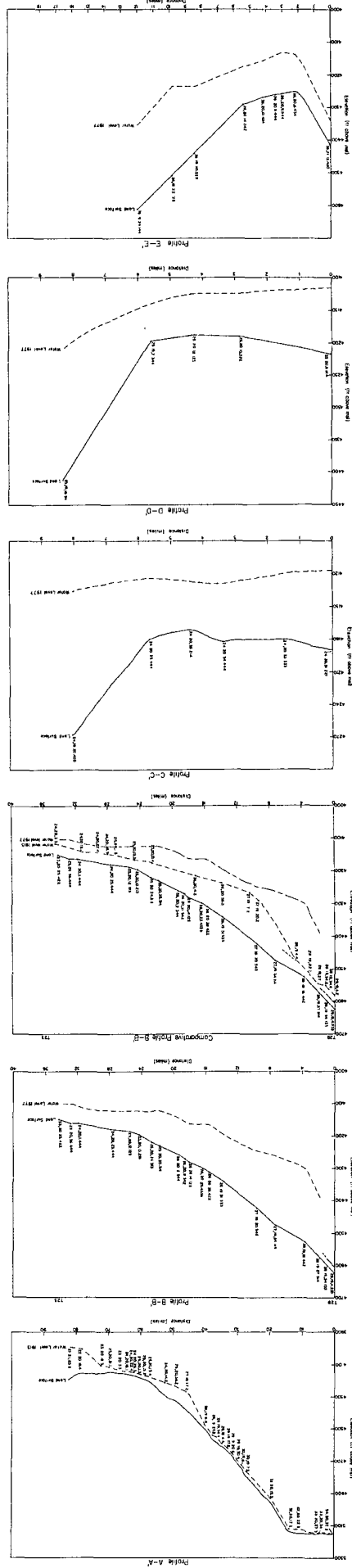


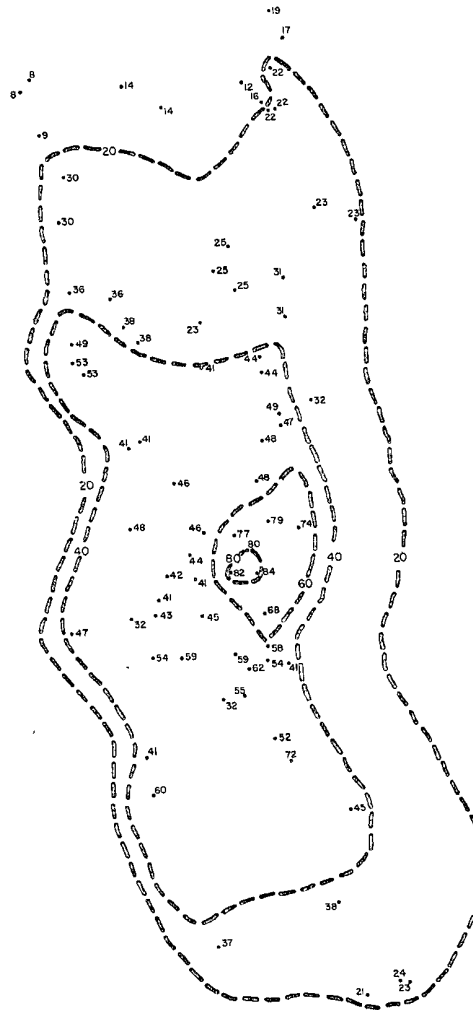
Plate2 Water-level contour map 1976-81

Plate 3 Selected water-level profiles



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