Log No. 1923
Rec. June 2, 1952
Well No. 77
Permit No. 14105 (change)
Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

New Well Mizpah #2 #10

Pahrump Ranch

Owner: Diablo Farms — Driller: Pacific Coast Drilling Co.

Address: Pahrump, Nevada — Address: Bakersfield, Calif. — Lic. No. 123

Location of well: NE ¼ ¼ Sec. 31, T. 20 N/S, R 54 E, in Nye County

or

Water will be used for: irrigation — Total depth of well: 1070

Size of drilled hole: 0 to 115 - 36 inch; 115 to 412 - 24 inch; 412 to 570 - 17½"; 570 to 1070 - 15½" — Weight of casing per linear foot: 16" 44 lbs.; 10" 21 lbs.

Thickness of casing: 3/16 — Temp. of water:

Diameter and length of casing: 400 feet 16" ID - 6 feet 16" to 10" - 666 feet 10" ID
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure:

If nonflowing well give depth of standing water from surface: 54.28 ft 5/6/52

If flowing well describe control works:
(Type and size of valve, etc.)

Date of commencement of well: 3/31/52 — Date of completion of well: 4/19/52

Type of well rig: Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	7	7	surface soil
7	56	49	sandy clay
56	85	29	coarse gravel
85	87	2	clay
87	110	23	clay & gravel
110	114	4	sand
114	123	9	clay & gravel
123	126	3	hard sand
126	193	47	clay, some gravel
193	201	8	gravel
201	232	31	coarse sand
232	304	72	sand & gravel
304	354	50	sandy clay
354	391	37	cemented sand
391	463	72	clay
463	486	23	clay & rocks
486	557	71	coarse sand, boulder strks.
557	574	17	sandy clay
574	601	27	clay & boulders
601	606	5	sand
606	624	18	gravel & clay
624	673	49	sandy clay
673	692	19	clay & gravel
692	716	24	sand
716	758	42	clay & gravel
758	856	98	coarse sand & boulders, hard
856	978	122	hard sand
978	1060	82	hard sand & gravel
1060	1070	10	clay

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from ..... to ..... ft.

Other aquifers

First water at ..... feet.

Casing perforated

from 180 to 1064 ft.

Size of perforations

1/8 x 1 inch

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
26"	0	114	114	cemented bottom & top neat cement
16"	0	400	400	
10"	406	1070	664	

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

[illegible] Test 1000 GPM. 152 ft. DD of Water 88' 22 Bal Cal Lift of [illegible]
[illegible] " " " " " 798 20 [illegible]
[illegible] 1210 " 140 " " " " 285 [illegible]

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Pacific Coast Drilling Co.
Well Driller

By S. J. White /s

License No. 123

Dated Feb. 22, 1952

(Not to be filled in by Driller)