WELL LOG AND REPORT TO THE STATE ENGINEER

STATE OF NEVADA

Log No. 75096
Received
Well No.
Permit No.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner: Wilrad Improvement Company Driller: Phelps Pump & Equipment Company

Address: 1706 Industrial Road Address: 400 Lake Mead Blvd. Lic. No. 98

Location of well: NE ¼ SE ¼ Sec. 27, T. 21 N/S, R. 61 E, in Clark County

or

Water will be used for: Municipal Total depth of well: 1190'

Size of drilled hole: 96' of 38"-1200' 24" Weight of casing per linear foot: 41 lb.

Thickness of casing: 5/16 Temp. of water:

Diameter and length of casing: 12" I.D. X 1200'
(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: @ surface

If nonflowing well give depth of standing water from surface:

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

Date of commencement of well: 1-20-63 Date of completion of well: 4-24-63

Type of well rig: rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	3	3	Sand
3	13	10	Caliche
13	30	17	Red sandy Clay
30	61	31	Red & White Clay W/gravel
61	90	29	Red & Tan Clay W/Caliche streaks
90	150	60	Red Clay W/Caliche streaks
150	175	25	Red ClayW/Caliche streaks
175	230	55	Gravel & Red Clay
230	265	35	Red ClayW/ gravel & Caliche streaks
265	320	55	Conglomerate (Hard)
320	330	10	Grey Clay
330	490	160	Red Clay
490	520	30	Conglomerate (hard)
520	540	20	Red ClayW/ gravel
540	600	60	Red Clay W/ gravel streaks
600	630	30	Red sandy clay W/ gravel
630	650	20	Red Clay-Gravel-Gypson

(OVER)

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from 500 to 1150 ft.

Other aquifers: 160-265

360'-490

First water at 150 feet.

Casing perforated

from 500' to 1150' ft.

Size of perforations

1/8X2½"

919

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
650	670	20	Small gravel W/ Red Clay & Sandstone Streaks
670	780	110	Red Clay & Gravel
780	790	10	Red Clay
790	1060	270	Red Clay W/ Gravel
1060	1080	20	Red Clay W/ some white clay W/fine gravel
1080	1100	20	Red Clay & Gravel
1100	1110	10	Gypson W/ Red Clay & fine gravel streaks
1110	1140	30	Red Clay & Gravel
1140	1160	20	Red Clay
1160	1190	30	Conglomerate (hard)
1190	1200	10	Red Clay

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
26"	0'	96'	96'	surface casing-grouted top to bottom
12"I.D.	XXX0	1200	1200	Gravel packed top to bottom

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

650 G.P.M.- 364' ~~dxxxx~~ Draw down level

WELL DRILLER'S STATEMENT

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

Signed Phelps Pump & Equipment Co.
Well Driller

By Lloyd Lemon

License No. 98

Dated 7/16 63

(Not to be filled in by Driller)

RECEIVED
NOV 27 1963
DIV. OF WATER RESOURCES
BRANCH OFFICE
LAS VEGAS, NEVADA