WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 6815
Rec. Oct. 24 19 62
Well No.
Permit No. 19365
Do not fill in

Owner WILRAD IMPROVEMENT CO. Driller PHELPS PUMP & EQUIPMENT CO.

Address 1706 INDUSTRIAL RD. Address 400 E. COLLEGE AVE. N.L.V. Lic. No. 98

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

or

Water will be used for COMMERCIAL Total depth of well 1,200'

Size of drilled hole 36" 1st 130' 28½" to 1,200' Weight of casing per linear foot 12" 41# 26" 70#

Thickness of casing 12" 5/16" 26" ¼" Temp. of water

Diameter and length of casing 12 3/4" O.D. X 1,200'
(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 approx. 20 GPM 8#STATIC

If nonflowing well give depth of standing water from surface

If flowing well describe control works BOLTED PLATE FOR PUMP INSTALLATION
(Type and size of valve, etc.)

Date of commencement of well 6-12-62 Date of completion of well 7-31-62

Type of well rig SHADRICK ROTARY & 36L CABLE TOOL

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	8		SAND
8	17		CALICHE
17	57		RED SANDSTONE
57	92		CONGLOMERATE GRAVEL WITH STREAKS OF CALICHE AND RED SANDY CLAY
92	130		RED CLAY WITH GOOD GRAVEL
130	142		RED CLAY
142	160		RED CLAY W/GRAVEL
160	170		RED CLAY
170	185		HARD RED SANDSTONE W/GRAVEL STREAKS
185	190		HARD RED SANDSTONE "
190	216		RED CLAY
216	221		GRAVEL
221	244		RED CLAY W/GRAVEL STREAKS
244	255		HARD RED SANDSTONE W/GRAVEL STREAKS
255	257		GRAVEL
257	280		HARD SAND AND LIME STONE
280	286		RED BED AND GRAVEL
286	332		RED SANDSTONE & GRAVEL
332	500		RED CLAY
500	530		CONGLOMERATE & GRAVEL
530	540		BROWN SOFT SAND & RED CLAY W/GOOD GRAVEL STREAKS
540	587		RED CLAY W/ GOOD GRAVEL STREAKS
587	631		RED CLAY
631	644		RED CLAY W/GRAVEL(FINE)
644	665		RED CLAY (SANDY)
665	770		SAND

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 896 to 945 ft.

Other aquifers 57-130
~~216-221~~
255-257
~~500-530~~
540-587

First water at 57 feet.

Casing perforated
from 500' to 1,135' ft.

Size of perforations
MACHINE

919

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
770	790		SAND
790	877		SANDY RED CLAY
877	896		GRAVEL (FINE)
896	935		RED CLAY W/GRAVEL STREAKS
935	945		GRAVEL
945	1015		RED CLAY
1015	1045		SAND W/FINE GRAVEL
1045	1065		RED CLAY
1065	1081		RED CLAY
1081	1130		RED CLAY W/FINE GRAVEL
1130	1135		SAND (COURSE)
1135	1200		RED CLAY (SANDY)

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
26" O.D.	-0-	130	130	SURFACE CASING GROUTED. GRAVEL PACKED
12 3/4 O.D.	+2	1200	1202	

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

724 GPM FROM 251'

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 R. Lemon
LLOYD R. LEMON

License No. 93

Dated 10-17, 1962

(Not to be filled in by Driller)

1962 OCT 24 AM 9 37
STATE ENGINEER