

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 55734  
 Rec. 19  
 Well No. \_\_\_\_\_  
 Permit No. \_\_\_\_\_  
*Do not fill in*

Owner Paul Wagner Driller Phelps Pump and Equipment Co.  
 Address 2217 Sunrise Ave., Las Vegas, Nev. Address 400 College, NLV, Nevada Lic. No. 98  
 Location of well: SW 1/4 NW 1/4 Sec. 13., T.21. N/S, R. 61 E. in Clark County  
 or \_\_\_\_\_  
 Water will be used for Domestic Total depth of well 152 ft.  
 Size of drilled hole 12" Weight of casing per linear foot 12.20 # per ft.  
 Thickness of casing 10 ga. Temp. of water approx. 68 degrees  
 Diameter and length of casing 8.5/8 OD x 152 ft.  
 (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 21 ft.  
 If flowing well describe control works \_\_\_\_\_  
 (Type and size of valve, etc.) \_\_\_\_\_  
 Date of commencement of well October 8, 1959 Date of completion of well October 13, 1959  
 Type of well rig Portadrill Rotary

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	2	2	Top Soil
2	13	11	Caliche
13	21	8	Sand
21	30	9	Caliche, hard
30	43	13	clay
43	48	5	Lime (Water)
48	58	10	Clay
58	65	7	Soft lime (Water)
65	80	15	Sandy clay (Water)
80	85	5	Soft lime (Water)
85	108	23	Brown shale (Water)
108	113	5	Lime (Water)
113	152	39	Brown shale and lime (Water)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 43 to 152 ft.

Other aquifers \_\_\_\_\_

First water at 43 feet.

Casing perforated

from 60 to 152 ft.

Size of perforations

1/8 x 4 torch

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.
8"	-2	152	154	Grouted to 50 ft. Gravel packed

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

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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 and Equipment Co.  
Well Driller

By Lloyd Lemon

License No. 98

Dated October 19, 19 59

(Not to be filled in by Driller)

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