

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 4149
 Rec. July 9 1958
 Well No. _____
 Permit No. 14278

Do not fill in 30931

Owner Mation Smyth Driller Carruthers Drilling Service

Address 663 The Alameda, Berkley, Calif. Address Box 73, Beowawe, Nevada Lic. No. 116

Location of well: SE NE ~~SW~~ 1/4 N-1/4 Sec. 10, T. 32 N/S, R. 14 E, in LANDER County
 or _____

Water will be used for Irrigation Total depth of well 172 Ft.

Size of drilled hole 10" Weight of casing per linear foot 19#

Thickness of casing 8 Gauge Temp. of water Cool

Diameter and length of casing 10 inch
 (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 35'

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

Date of commencement of well February 26, 1958 Date of completion of well March 22, 1958

Type of well rig Cable Tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	6	6	Surface Clay	
6	10	4	Hard Sand	Chief aquifer (water-bearing formation) from <u>140</u> to <u>155</u> ft.
10	24	14	Sandy Clay	Other aquifers <u>160-102</u> (172) <u>80-102</u>
24	36	12	Sand (dry)	<u>115-140</u>
36	80	44	Blue Clay	
80	97	17	Brown Clay -streaks of sand	First water at <u>80</u> feet.
97	102	5	Fine Sand	
102	115	13	Sandy Clay	
115	140	25	Sandy Clay and sand	Casing perforated from <u>80</u> to <u>172</u> ft.
140	155	15	Silty Sand	
155	160	5	Clay	Size of perforations <u>1/4" x 1' Slots</u>
160	172	12	Silty Sand	



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.
12"	0	54	54'	12" Casing landed in Clay at 54'
10"	0	172	172'	10" Casing landed on bottom Annular space filled with mud and both strings cemented together at the top.

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

WELL DRILLER'S STATEMENT

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

Signed Carruthers Drilling Service
Well Driller

By *H. Carruthers*

License No. 116

Dated 4-19, 1958

(Not to be filled in by Driller)

1958 JUL 8 AM 11 37
ENGINEER
OFFICE