

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 5710  
 Rec. FEB. 14 1961  
 Well No. \_\_\_\_\_  
 Permit No. 19060  
*Do not fill in*

Owner SYD SMYTH Driller Carruthers Drilling Service

Address Battle Mountain, Nevada Address Beowawe, Nevada Lic. No. 116

Location of well: NE 1/4 Sec. 10, T. 12 N/S, R. 11 E, in Lander County  
 or \_\_\_\_\_

Water will be used for Irrigation Total depth of well 223

Size of drilled hole 16" Weight of casing per linear foot 10#

Thickness of casing 10 # Temp. of water cool

Diameter and length of casing 16 1/2 "  
(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 50 Ft.

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

Date of commencement of well 11-20-60 Date of completion of well 12-24-60

Type of well rig Cable Tools

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	Surf. Clay
4	6	2	Sand
6	24	18	Sandy clay
24	32	8	Clay
32	35	3	Gravel
35	44	9	Sandy clay
44	50	6	Sandy gravel
50	60	10	Bentonite?
60	78	18	Blue clay
78	93	15	Blue silt)(water)
93	103	10	Brown silt)
103	110	7	Blue clay
110	123	13	Sand
123	130	7	Sandy clay
130	133	3	Sand
133	138	5	Sandy clay
138	143	5	Hard sand
143	148	5	Sand
148	152	4	Hard sand
152	162	10	Conglomerate
162	165	3	Sandy clay
165	173	8	Hard Sand
173	175	2	Clay
175	180	5	Sand
180	184	4	Clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 93 to 123 ft.

Other aquifers 138-162

165-173 175-180

184-188 202-208

First water at 80 feet.

Casing perforated  
 from 80 ft. to 220 ft.

Size of perforations  
Mills Slots  $\frac{1}{2}$  x  $2\frac{1}{2}$



