

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. <u>1432</u>
Rec. <u>7/25</u> 19 <u>50</u>
Well No. <u>5716</u>
Permit No. <u>13522</u>

33A Do not fill in

Owner Theodore G. Barber Driller A.E. Hosack & Son
 Address Star Route, Box 5, Winnemucca, Nevada Address Nampa, Idaho Lic. No. 62
 Location of well: NE 1/4 SW 1/4 Sec. 33., T. 42 N, R. 37 E, in Humboldt County
 or.....
 Water will be used for Irrigation Total depth of well 200'
 Size of drilled hole 16" Weight of casing per linear foot 55#
 Thickness of casing 5/16" Temp. of water 58°
 Diameter and length of casing 188'-10" of 16" casing
 (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 39'
 If flowing well describe control works.....
 (Type and size of valve, etc.)
 Date of commencement of well July 28, 1950 Date of completion of well Aug. 14, 1950
 Type of well rig 71 Star with cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	1	1	Soil
1	36	35	Gravel, sand & silt
36	45	9	Muddy gravel (water)
45	63	18	Muddy sand (water)
63	70	7	Gray clay & gravel
70	76	6	Cemented gravel (water)
76	85	9	Brown clay
85	93	8	Sticky brown clay
93	100	7	Sandy clay & pea gravel
100	104	4	Brown sandy clay
104	112	8	Sandy clay & pea gravel
112	118	6	Sand stone
118	125	7	Sandy clay
125	129	4	Sand stone - soft
129	155	26	Muddy sand & gravel (water)
155	162	7	Clay with some gravel
162	170	8	Sandy clay
170	188	18	Clay with some gravel
188	200	12	Brown clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 129' to 155 ft.

Other aquifers 40' to 63'
70' to 76'

First water at 40 feet.

Casing perforated
 from 40' to 183' ft.

Size of perforations
1/4" x 3" with 6" center
 and 12 perforations
 around the pipe.

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.
16"	0	188'	188'-10"	The 16" casing was drove into good tough clay @ 188', then 15" hole was drilled to 200'.

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

Pumped 570 G.P.M. @ 80' total lift from surface. According to data taken during pumping test well should furnish from 850 G.P.M. to 900 G.P.M. @ 100' total lift from surface of ground.

WELL DRILLERS STATEMENT

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

Signed A. E. Hosack & Son
Well Driller

By Clifford E. Hosack

License No. 62

Dated AUG. 22, 1950

(Not to be filled in by Driller)

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