

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1392 <sup>2194</sup>  
 Rec. 8/1 1950  
 Well No. ....  
 Permit No. 13942  
*Do not fill in*

Owner A.E. Hosack Driller A.E. Hosack & Son  
 Address Orovada, Nevada Address Nampa, Idaho Lic. No. 62  
 Location of well: SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 34, T. 43 N/8, R. 37 E, in Humboldt County  
 or .....  
 Water will be used for Irrigation Total depth of well 488'  
 Size of drilled hole 12" Weight of casing per linear foot 12" - 45#, 8" - 25#  
 Thickness of casing 12" - .330", 8" - .277" Temp. of water .....  
 Diameter and length of casing 179' of 12" casing - 328' of 8" 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 20'  
 If flowing well describe control works .....  
(Type and size of valve, etc.)  
 Date of commencement of well Aug. 2, 1949 Date of completion of well March 23, 1950  
 Type of well rig 71 Star with cable tools

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	16	16	Soil
16	68	52	Muddy sand & silt
68	76	8	Muddy pea gravel
76	90	14	Hard brown clay
90	98	8	Sticky brown clay
98	122	24	Muddy sand
122	128	6	Hard sandstone
128	143	15	Muddy pea gravel
143	152	9	Gravel & sticky clay
152 <del>257</del>	157	5	Muddy sand
157	162	5	Sandstone
162	170	8	Brown clay
170	178	8	Cemented gravel
178	184	6	Brown clay
184	194	10	Cemented sand & gravel
194	204	10	Hard blue clay
204	223	19	Soft blue clay
223	229	6	Cemented gravel
229	231	2	Soft white clay
231	234	3	Hard sandstone
234	243	9	Gray clay
243	246	3	Hard sandstone
246	285	39	Brown clay
285	288	3	Cemented gravel
288	292	4	Gray sticky clay
292	300	8	Cemented gravel
300	314	14	Brown clay
314	334	20	Gray clay

Water-bearing Formation, Casing Perforations, Etc.

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Chief aquifer (water-bearing formation)

334                      370

from 128 to 143 ft.

Other aquifers .....

184 - 194

223 - 229

440 - 444

451 - 455

460 - 470

First water at 20 feet.

Casing perforated

from 0 to 480 ft.

Size of perforations

12" - 18 rounds 6" centers  
1/4 x 3" slot  
8" - 12 rounds 6" centers  
3/16" x 3" slot

(OVER)



