

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2597  
 Rec. May 10 1954  
 Well No. \_\_\_\_\_  
 Permit No. 11425  
*Do not fill in.*

Owner John Brandt Driller A.E. Hosack & Son

Address Nampa, Idaho Address Nampa, Idaho Lic. No. 62

Location of well: SW 1/4 NE 1/4 Sec. 28, T. 43N; R. 37E, in Humboldt County

Water will be used for irrigation Total depth of well 320

Size of drilled hole 16" hole Weight of casing per linear foot 55#

Thickness of casing 5/16" Temp. of water \_\_\_\_\_

Diameter and length of casing 16" O.D. casing - 295 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 10'

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

Date of commencement of well Jan. 5, 1954 Date of completion of well March 10, 1954

Type of well rig 71 Star with drilling tools

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	12	12	soil
12	38	26	gravel
38	76	34	clay
76	82	6	muddy pea gravel
82	104	22	brown clay
104	118	14	muddy sand
118	156	34	clay with gravel
156	174	18	hard sandy clay
174	176	2	gravel
176	200	24	clay
200	208	8	sand stone
208	210	2	gravel & sand
210	220	10	clay
220	222	2	gravel & sand
222	271	49	clay-some gravel
271	278	7	cemented gravel
278	286	4	soft clay
286	288	2	gravel & clay
288	296	8	clay
296	304	8	sand stone & clay
304	310	6	clay
310	320	10	clay with sand stringers

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 310 to 320 ft.

Other aquifers 12' to 38'

208' to 210'

220' to 222'

First water at 12 feet.

Casing perforated

from 12 to 283 ft.

Size of perforations

3/16" x 3" with 3" ~~stringers~~

centers

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" O.D.	0	295	295	The 16" casing was drove from 12' to 296' with the shoe end driven into a layer of sand stone or sandy clay, then 16" uncased hole was drilled to 320 ft.

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

Well furnished 1800 G.P.M. @ 88' total lift.

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 May 5, 1954

(Not to be filled in by Driller)

