

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2197
 Rec. APRIL 6 19433
 Well No. _____
 Permit No. 12060

Do not fill in

Owner Vera Reed Driller A.E. Hosack & Son
 Address Burkank, Calif. Address Nampa, Idaho Lic. No. 62
 Location of well: NW 1/4 SW 1/4 Sec. 34., T. 43. N/S, R. 37. E, in Humboldt County _____
 or _____
 Water will be used for Irrigation Total depth of well 515'
 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 58
 Diameter and length of casing 205' of 12" I.D. casing & 333' of 8" I.D. 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 21'
 If flowing well describe control works _____
(Type and size of valve, etc.)
 Date of commencement of well May 31, 1950 Date of completion of well Aug. 4, 1952
 Type of well rig 71 Star with cable tools

LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|-----------|---------|----------------|-----------------------------|
| 0 | 7 | 7 | Soil |
| 7 | 28 | 21 | Sand & silt |
| 28 | 73 | 45 | Muddy sand & pea gravel |
| 73 | 94 | 21 | Brown clay |
| 94 | 100 | 6 | Sandy clay |
| 100 | 118 | 18 | Muddy sand & gravel |
| 118 | 126 | 8 | Cemented gravel |
| 126 | 134 | 8 | Muddy gravel |
| 134 | 152 | 18 | Gray hard clay |
| 152 | 177 | 25 | Brown clay |
| 177 | 184 | 7 | Cemented gravel |
| 184 | 253 | 69 | Brown clay with gravel |
| 253 | 258 | 5 | Cemented gravel |
| 258 | 260 | 2 | Sand & gravel |
| 260 | 262 | 2 | Cemented gravel |
| 262 | 301 | 39 | Brown clay |
| 301 | 304 | 3 | Cemented gravel |
| 304 | 334 | 30 | Brown clay |
| 334 | 348 | 14 | Gravel |
| 348 | 395 | 47 | Brown clay |
| 395 | 405 | 10 | Cemented gravel |
| 405 | 408 | 3 | Gravel & sand |
| 408 | 425 | 17 | Clay |
| 425 | 426 | 1 | Sand & gravel |
| 426 | 446 | 20 | Gray clay |
| 446 | 448 | 2 | Cemented gravel |
| 448 | 465 | 17 | Gray clay with gravel |
| 465 | 475 | 10 | Gray- blue clay with gravel |

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 334 to 348 ft.

Other aquifers 100 - 118
126 - 134
405 - 408
258 - 260
425 - 426

First water at 21 feet.

Casing perforated

from 0 to 505 ft.

Size of perforations

12" casing - $\frac{1}{2}$ " x 3" with 6" centers & 18 slots to the round. 8" casing - $\frac{3}{16}$ " x 3" with 5" centers & 7 slot to the round.



