# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2935
Rec. May 2 194
Well No. 21657
Permit No. 15605
Do not fill in 0338

Owner Lyle Elleson  Driller A.E. Hosack & Son

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

Location of well: SE ¼ NW ¼ Sec. 5, T. 44 N/S, R 37 E, in Humboldt County

or Home Ranch

Water will be used for Irrigation  Total depth of well 498

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

Thickness of casing 5/16"  Temp. of water

Diameter and length of casing 16" O.D. - 281'
(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. 13, 1954  Date of completion of well Sept. 20, 1954

Type of well rig 71 Star with cable tools

LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 17 | 17 | soil |
| 17 | 71 | 54 | gravel |
| 71 | 165 | 94 | clay with some gravel |
| 165 | 180 | 15 | clay |
| 180 | 255 | 75 | clay with some gravel |
| 255 | 460 | 205 | clay |
| 460 | 467 | 7 | sand with some pea gravel |
| 467 | 495 | 28 | clay |
| 495 | 498 | 3 | gravel - wont stand - will have to case |

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 460 to 467 ft.

Other aquifers 495' to

very little water from 20' to 71'

First water at 20 feet.

Casing perforated

from top to 269 ft.

Size of perforations

1/4"x 3" with 4" centers

(OVER)

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 | 281 | 281 | The 16" casing was driven to 281', then 15½" open hole was drilled from 281 to 498. Hole stads open to 495. Will need to case to go below 495'. |

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

Pumped 1400 G.P.M. with 107' total lift.
" 1200 " " " " 97 " "
" 900 " " " " 74' " "

Pumping test over 30 hrs.

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 [signature]

License No. 62

Dated April 27, 1955 94

OFFICE STATE ENGINEER MAY 2 1955 ALBUQUERQUE

(Not to be filled in by Driller)