

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 4150  
 Rec. 19  
 Well No. Ir  
 Permit No. Ir  
*Do not fill in*

Owner Richard Washburn Driller Lewis C. Cook

Address 1809 E. Charleston-Las Vegas Address 7572 Sunset-L.A.46, Calif. No. 279

Location of well: NE 1/4 SW 1/4 Sec. 11, T15 N/S, R49 E, in Nye Count  
 or.....

Water will be used for Irrigation Total depth of well 968'

Size of drilled hole 9-5/8 to 670' -- 8 1/2 to 890' 7-5/8 to 968'  
 Weight of casing per linear foot.....

Thickness of casing None Temp. of water.....

Diameter and length of casing None  
 (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 815'

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

Date of commencement of well 25 Jan. 58 Date of completion of well Not completed

Type of well rig Failing 1500 H.D.

### LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material                        | Water-bearing Formation, Casing Perforations, Etc. |
|-----------|---------|----------------|---|--|
| 0'        | 140'    | 140'           | Sand, gravel, boulders.                 |  |
| 140'      | 284'    | 144'           | Compacted sand and gravel.              |  |
| 284'      | 483'    | 199'           | Congl. sand, gravel, boulders.          | Chief aquifer (water-bearing formation)            |
| 483'      | 513'    | 30'            | Clay & sand (Bentonite)                 |  |
| 513'      | 552'    | 39'            | Boulders and clay                       | from ..... to ..... ft.                            |
| 552'      | 579'    | 27'            | Hard compressed sand.                   | Other aquifers.....                                |
| 579'      | 793'    | 214'           | Hard sand, gravel-congl.                |  |
| 793'      | 804'    | 11'            | Sand, gravel. Oil and gas show on sump. |  |
| 804'      | 810'    | 6'             | Boulders. (Hard rough drilling)         |  |
| 810'      | 815'    | 5'             | Fine water sand.                        |  |
| 815'      | 890'    | 75'            | Sand, gravel, boulders.                 |  |
| 890'      | 895'    | 5'             | Boulders (Rough drilling)               |  |
| 895'      | 968'    | 73'            | Sand, small gravel                      | First water at <u>815'</u> feet.                   |
|           |         |                |   | Casing perforated                                  |
|           |         |                |   | from ..... to ..... ft.                            |
|           |         |                |   | Size of perforations                               |

OFFICE  
 STATE ENGINEER  
 IIII - 7 50  
 RECEIVED  
 JAN 28 1958



