# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3017
Rec. June 21 1955
Well No.
Permit No. 17949
*Do not fill in*

Owner Mr H. L. Sweeney Driller O. J. Pearson

Address Box 588 Winnemucca Nevada Address 1502 - First St Sunnyville Calif Lic. No. 166

Location of well: SW ¼ of the SE ¼ Sec. 13, T. 33 N/S, R. 37 E, in ~~Humboldt~~ Pershing County

or

Water will be used for Irrigation Total depth of well 160

Size of drilled hole 14" Weight of casing per linear foot

Thickness of casing 10 gage Red Hard Temp. of water 40

Diameter and length of casing 14" — 160'
(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 12'

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

Date of commencement of well June 4-55 Date of completion of well June 11-55

Type of well rig Rotary

## LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 3 | 3 | Surface |
| 3 | 16 | 13 | Hard clay |
| 16 | 22 | 6 | Sand & Gravel |
| 22 | 45 | 23 | Clay & Gravel |
| 45 | 70 | 25 | Sandy clay |
| 70 | 75 | 5 | Gravel |
| 75 | 87 | 12 | Gravel with layers of clay |
| 87 | 98 | 11 | Sandy clay some Gravel |
| 98 | 110 | 12 | Gravel & Boulders |
| 110 | 119 | 9 | Clay & Gravel |
| 119 | 129 | 10 | Gravel |
| 129 | 149 | 20 | Clay & Gravel |
| 149 | 156 | 7 | Gravel & Boulders |
| 156 | 160 | 4 | Clay |

**Water-bearing Formation, Casing Perforations, Etc.**

Chief aquifer (water-bearing formation)

from 16 to 22 ft.

Other aquifers 70 To 75
98 To 110
119 To 129
149 To 156

First water at 16 feet.

Casing perforated

from 16' to 160' ft.

Size of perforations

1/4 X 2"

(OVER)

919

## 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. |
|---|---|---|---|---|
| 14" | Top | 160' | 160' | clay seal — water ~~[illegible]~~ good temperature 40 |

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

Static water level 13' 1200 gpm at 40'

## WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed O. J. Pearson
Well Driller

By O. J. Pearson

License No. 166

Dated June 19, 19[illegible]

STATE ENGINEER
JUN 21 [illegible]
RECEIVED

(Not to be filled in by Driller)