# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3001
Rec. June 14 1955
Well No.
Permit No. 16523
*Do not fill in*

W. D. Parker Box 227

Owner Mr Henry Parker Driller O. J. Pearson

Address Gerlach Nevada Address 1502 First St Susanville Cal'y Lic. No. 166

Location of well: SE ¼ NW ¼ Sec 32, T 32 N/S, R 20 E, in Warsal County

or SE ¼ of NW ¼ Sec 32 T 32 N R 20 E

Water will be used for Irrigation Total depth of well 186

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

Thickness of casing 8. Gage Temp. of water 50

Diameter and length of casing 14" To 114'
(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 9'

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

Date of commencement of well May 6 - 1955 Date of completion of well May 20 - 1955

Type of well rig Cable Tools

**LOG OF FORMATIONS**

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 3 | 3 | Surface |
| 3 | 14 | 11 | Brown clay |
| 14 | 16 | 2 | Coarse sand. No water |
| 16 | 31 | 15 | Soft Brown Clay |
| 31 | 34 | 3 | Hard Yellow clay |
| 34 | 47 | 13 | Soft green clay |
| 47 | 50 | 3 | Black sand — water |
| 50 | 58 | 8 | Soft Grey clay |
| 58 | 62 | 4 | Sand & gravel |
| 62 | 65 | 3 | Soft Grey Clay |
| 65 | 75 | 10 | Hard Brown clay |
| 75 | 81 | 6 | Grey clay |
| 81 | 94 | 13 | Hard Grey clay with layers of sand |
| 94 | 97 | 3 | Black sand - water |
| 97 | 103 | 6 | Gravel & Boulders - water |
| 103 | 105 | 2 | Sticky Yellow clay |
| 105 | 110 | 5 | Cemented sand & Gravel - water |
| 110 | 112 | 2 | Black sand & Gravel - water |
| 112 | 119 | 7 | Dark Grey clay |
| 119 | 126 | 7 | Hard Yellow clay |
| 126 | 135 | 9 | Yellow clay & Boulders. |

(OVER)

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

**Chief aquifer (water-bearing formation)**

from 168 to 182 ft.

Other aquifers 47 To 50'

58 To 62'

71 To 75'

94 To 97' 110 To 112 153 To 158

105 To 110' - 135 To 136'

First water at 47 To 50 feet.

**Casing perforated**

from 20 to 114 ft.

**Size of perforations**

¼ X 2"
Factory Perforated

919

## LOG OF FORMATIONS—*Continued*

| From feet | To feet | Thickness | Type of material |
|---|---|---|---|
| 135 | 136 | 1 | Coarse gravel – water |
| 136 | 145 | 9 | Med soft yellow clay |
| 145 | 153 | 8 | Hard Brown clay |
| 153 | 158 | 5 | Gravel – water |
| 158 | 164 | 6 | soft yellow clay |
| 164 | 165 | 4 | Hard yellow clay with Boulders |
| 168 | 182 | 14 | Gravel & Boulders – water |
| 182 | 186 | 4 | Hard Lava Rock. |

## CASING RECORD

| Diam. casing | From feet | To feet | Length | "Remarks"—Seals, Grouting, Etc. |
|---|---|---|---|---|
| ~~Surface~~ | ~~114~~ | | | |
| 14" | surface | 114 | 114 | Open Hole from 114' To 186' |

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

Static water level 9'

Pumped 1600 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 12, 1955

OFFICE STATE ENGINEER JUN 1 4 55 RECEIVED AND

(Not to be filled in by Driller)