# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1848
Rec. Feb. 11 1952
Well No.
Permit No. 13879
*Do not fill in*

Owner: John C. Baker
Driller: John Champion
Address: Yerington
Address: Lic. No. 29

Location of well: SW 1/4 SE 1/4 Sec. 35, T. 12 N/S, R. 25 E, in Lyon County

or

Water will be used for: Irrigation
Total depth of well: 253

Size of drilled hole: 30
Weight of casing per linear foot:

Thickness of casing: 1/4 inch
Temp. of water:

Diameter and length of casing: 16 inch
(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: 8 feet

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

Date of commencement of well: Nov 17
Date of completion of well: Jan 29

Type of well rig:

## LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 8 | 8 | Surface soil |
| 8 | 13 | 5 | Coarse Sand |
| 13 | 28 | 15 | Sandy Clay |
| 28 | 38 | 10 | Clay (Brown) |
| 38 | 87 | 49 | 1/4 Small Gravel (Tight) |
| 87 | 97 | 10 | Brown Sandy Clay |
| 97 | 106 | 9 | Cemented Gravel |
| 106 | 130 | 24 | Gravel some Clay |
| 130 | 134 | 4 | Tight Gravel |
| 134 | 149 | 15 | Clay + Gravel |
| 149 | 225 | 76 | Cemented Gravel |
| 225 | 246 | 21 | Large Boulders |
| 246 | 253 | 7 | Bed Rock. |

(OVER)

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

**Chief aquifer (water-bearing formation)**
from 38 to 87 ft.

**Other aquifers**
149 - 225

**First water at** 8 feet.

**Casing perforated**
from 110 to 242 ft.

**Size of perforations**
1/4 X 1 1/2

## LOG OF FORMATIONS—*Continued*

| From feet | To feet | Thickness | Type of material | Draw Down | Gal. Per. Min |
|---|---|---|---|---|---|
| | | | Tests Made with 10 in. discharge 7½ in. Orfice. | 55 foot | 750 |
| | | | | 60 " | 840 |
| | | | | 66 | 900 |
| | | | | 72 | 950 |
| | | | | 75 | 1000 |
| | | | | 80 | 1060 |
| | | | | 89 | 1180 |
| | | | | 94 | 1250 |
| | | | | 100 | 1360 |
| | | | | 105 | 1400 |
| | | | | 112 | 1460 |
| | | | | 120 | 1550 |
| | | | | 122 | 1650 |

## CASING RECORD

| Diam. casing | From feet | To feet | Length | "Remarks"—Seals, Grouting, Etc. |
|---|---|---|---|---|
| 16 in. | 0 | 242 | | Well is 30 inch Gravel pack 16 inch casing Well Took 42 yds of 1 (one) inch washed Gravel |

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

Pump 10 inch 3 stage 146 foot setting
Pump well two times Bail + swab 2 times
Well developed to 1650 G.P.M. at 120 ft D.Down
Well pumped App. 100 pumping Hours.

## WELL DRILLERS STATEMENT

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

Signed John Champion
Well Driller

By.....

License No. 29

Dated....., 19.....

OFFICE
STATE ENGINEER
FEB 11 '52
RECEIVED

(Not to be filled in by Driller)