# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

**PLEASE COMPLETE THIS FORM IN ITS ENTIRETY**

Log No. 95590-92
Rec. March 19 1962
Well No.
Permit No. 16407
*Do not fill in*

Owner: Homer D. Tyler — Driller: Armstrong Brothers

Address: 25 California St., Room 230 — Address: Box 13 Orovada, Nev. — Lic. No. 5348

Location of well: NW ¼ NW¼ Sec. 12, T. 44 N/~~S~~ R. 33 E, in Humboldt County County

or Kings River Valley (Permit 16407; our well #34)

Water will be used for: irrigation — Total depth of well: 590 ft.

Size of drilled hole: 16" — Weight of casing per linear foot: 33

Thickness of casing: 3/16" — Temp. of water:

Diameter and length of casing: 300' of 16-1/2" OD
(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:

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

Date of commencement of well: Jan. 13, 1961 — Date of completion of well: Jan. 23, 1961

Type of well rig: Cable Tool Mud Scow

**LOG OF FORMATIONS**

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 6 | 6 | topsoil |
| 6 | 18 | 12 | clay |
| 18 | 28 | 10 | gravel & clay mixed |
| 28 | 60 | 32 | clay |
| 60 | 68 | 8 | gravel & sand |
| 68 | 80 | 12 | gray clay |
| 80 | 86 | 6 | sandy clay |
| 86 | 114 | 28 | sand & pea gravel |
| 114 | 120 | 6 | br. clay |
| 120 | 134 | 14 | cemented gravel |
| 134 | 156 | 22 | br. clay |
| 156 | 170 | 14 | sand & gravel |
| 170 | 201 | 31 | br. clay |
| 201 | 209 | 8 | cemented gravel |
| 209 | 215 | 6 | sand & gravel |
| 215 | 228 | 13 | br. clay |
| 228 | 234 | 6 | cemented gravel |
| 234 | 244 | 10 | br. clay |
| 244 | 255 | 11 | gravel & sand |
| 255 | 262 | 7 | br. clay |
| 262 | 270 | 8 | cemented gravel |
| 270 | 278 | 8 | br. clay |
| 278 | 290 | 12 | gravel |
| 290 | 300 | 10 | br. clay |
| 300 | 312 | 12 | lava cemented |
| 312 | 315 | 3 | clay & gravel mixed |
| 315 | 325 | 10 | cemented gravel |

(OVER)

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

Chief aquifer (water-bearing formation)
from 290 to 100 ft.

Other aquifers:

First water at ..... feet.

Casing perforated
from 290 to 100 ft.

Size of perforations
3/8" X 2"
7 holes per round every 6" to 8" apart

## LOG OF FORMATIONS—*Continued*

| From feet | To feet | Thickness | Type of material |
|---|---|---|---|
| 325 | 340 | 15 | clay & gravel mixed |
| 340 | 350 | 10 | br. clay |
| 350 | 366 | 16 | gravel & clay mixed |
| 366 | 380 | 14 | cemented gravel |
| 380 | 389 | 9 | gravel & clay mixed |
| 389 | 405 | 16 | lava rock |
| 405 | 450 | 45 | br. clay |
| 450 | 460 | 10 | clay & gravel mixed |
| 460 | 490 | 30 | br. clay |
| 490 | 510 | 20 | lava rock |
| 510 | 560 | 50 | br. clay |
| 560 | 590 | 30 | br. sandy clay |
| 590 | | | sand & pea gravel |

## CASING RECORD

| Diam. casing | From feet | To feet | Length | "Remarks"—Seals, Grouting, Etc. |
|---|---|---|---|---|
| 16½"OD | 0 | 300 | | |

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

Pumping test - 2640 GPM with 126' lift

## WELL DRILLER'S STATEMENT

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

Signed ARMSTRONG BROS.
Well Driller

By H. M. McCauley

License No. 5348

Dated April 10, 19 62

(Not to be filled in by Driller)

1962 APR 19 AM 10 20
STATE ENGINEER OFFICE