# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Carl Eastebrook

Log No. 1417
Rec. ..... 19
Well No. 648
Permit No. 1332
*Do not fill in*

Owner ~~Joseph J. Hannig~~ - To Carl Casady Jr. Driller Joseph E. Metz

Address Las Vegas, Nevada Address Bx. 547 No. Las Vegas, Nevada Lic. No. 3

Location of well: NE ¼NW ¼ Sec. 19, T. 20 N/S, R 62 E, in Clark County

or

Water will be used for Irrigation & Domestic Total depth of well 298 ft.

Size of drilled hole 9½" bit Weight of casing per linear foot 26#

Thickness of casing 3/16" Temp. of water

Diameter and length of casing 34 ft. of 8" I.D.
(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 -35.5 ft.

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

Date of commencement of well July, 5 1950 Date of completion of well Aug. 4, 1950

Type of well rig Cable tools Spudder

## LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 13 | 13 | silt |
| 13 | 17 | 4 | hard lime |
| 17 | 25 | 8 | silt |
| 25 | 33 | 8 | hard lime |
| 33 | 34 | 1 | soft lime |
| 34 | 50 | 16 | hard lime (water at 36') |
| 50 | 72 | 22 | soft lime (water) |
| 72 | 76 | 4 | hard lime |
| 76 | 108 | 32 | soft lime |
| 108 | 112 | 4 | hard lime |
| 112 | 116 | 4 | soft lime |
| 116 | 128 | 12 | hard lime |
| 128 | 132 | 4 | soft lime |
| 132 | 141 | 9 | hard lime |
| 141 | 142 | 1 | sand |
| 142 | 144 | 2 | soft lime |
| 144 | 146 | 2 | hard lime |
| 146 | 152 | 2 | silty clay |
| 152 | 180 | 28 | broken lime (water) |
| 180 | 263 | 83 | grey clay |
| 263 | 268 | 5 | soft & hard lime |
| 268 | 272 | 4 | broken lime (water bearing) |
| 272 | 281 | 9 | hardlime & clay |
| 281 | 288 | 7 | soft lime (water bearing) |
| 288 | 298 | 10 | lime with hard &soft streaks |

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 50 to 72 ft.

Other aquifers 167' to 180
268 to 272'
282 to 288 '

First water at 36 feet.

Casing perforated
from ..... to ..... ft.

Size of perforations

(OVER)

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. |
|---|---|---|---|---|
| 8" | 0 | 34 | 34 | cemented from bottom to surface |

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

One hour bailing test, draw down to 48 ft. produced 25 G.P.M.

WELL DRILLERS STATEMENT

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

Signed Jos. Moth
Well Driller

By.....

License No.....

Dated Aug 28, 19 50

(Not to be filled in by Driller)