Hard copy

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3871
Rec. Apr. 13 1956
Well No.
Permit No. 16751
*Do not fill in*

Owner: CITY OF NORTH LAS VEGAS
Address: NORTH LAS VEGAS, NEVADA

Driller: W. J. Mason
Address: 1727 Santa Paula Dr. Las Vegas, Nevada
Lic. No. 195

Location of well: NE ¼ NE ¼ Sec. 15, T 20 N/S, R 61 E, in Clark County

or

Water will be used for: Municipal
Total depth of well: 1171 Feet

Size of drilled hole: 20"
Weight of casing per linear foot: 33 lbs.

Thickness of casing: ½ Wall
Temp. of water: 84 deg.

Diameter and length of casing: 14" to 840 feet & 10" from 835 feet to 1171 feet
(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: 68 G. P. M. 20 lbs.

If nonflowing well give depth of standing water from surface: ~~XXXXXXXXXXXXXXXX~~

If flowing well describe control works: Pump sealed 8" Valve
(Type and size of valve, etc.)

Date of commencement of well: Feb. 1, 1956
Date of completion of well: March 2, 1956

Type of well rig: Rotary

## LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 55 | 55 | Sand silt & Clay |
| 55 | 270 | 215 | Brown hard clay & Sand |
| 270 | 385 | 115 | Blue, Green, White & gray Clay |
| 385 | 590 | 205 | Brown clay & Sand |
| 590 | 630 | 40 | Sand & Clay |
| 630 | 690 | 60 | Sand |
| 690 | 810 | 120 | Brown clay & little sand |
| 810 | 885 | 75 | Brown Sand |
| 885 | 1120 | 235 | Brown, Gray & Green Clay |
| 1120 | 1165 | 45 | Brown & Black Sand |
| 1165 | 1171 | 6 | Brown Clay |

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 630 to 690 ft.

Other aquifers: 810-885-1110-1165

First water at 630 feet.

Casing perforated
from 580 to 1160 ft.

Size of perforations
1/16

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" | 0 | 480 | 480 B | Casing sealed by Cement from 0 to 63 feet. |
| | 480 | 840 | 360 P | |
| 10" | 835 | 900 | 65 P | |
| | 900 | 1100 | 200 B | |
| | 1100 | 1160 | 60 P | |
| | 1160 | 1171 | 11 B | |

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

WELL DRILLER'S STATEMENT

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

Signed [illegible] Well Driller

By .....

License No. 195

Dated April 7th, 19 56

(Not to be filled in by Driller)

OFFICE ENGINEER

1956 APR 13 AM 10 05