# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Well No. #3

Log No. 24174
Rec. 10 mark
Well No. 44316 (#N3)
Permit No. [illegible]
Do not fill in 22589

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner: NEVADA POWER CO. Driller: Patrick H. [illegible]

Address: Las Vegas, Nevada Address: Las Vegas, Nevada Lic. No. 192

Location of well: NE 1/4 SW 1/4 Sec. 35, T. 14 S/S, R. 66 E, in Clark County

or

Water will be used for: Irrigation Total depth of well: 212 ft

Size of drilled hole: 0-105 20" 105-212 16" Weight of casing per linear foot: 41 lb

Thickness of casing: 1/4" wall Temp. of water: cool

Diameter and length of casing: 16" diameter 213 ft length
(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: 18 '

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

Date of commencement of well: Feb 25, 1963 Date of completion of well: March 12, 1963

Type of well rig: Spudder

## LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 5 | 5 | Sandy soil |
| 5 | 30 | 25 | Sand and clay |
| 30 | 35 | 5 | Sand |
| 35 | 50 | 15 | Sandy clay |
| 50 | 60 | 10 | Grey sand |
| 60 | 80 | 20 | Red clay w/strk of sand |
| 80 | 90 | 10 | Grey sand |
| 90 | 105 | 15 | Red clay |
| 105 | 190 | 85 | Large gravels |
| 190 | 212 | 22 | Pink limestone |

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 105 to 190 ft.

Other aquifers: 30 -35
50 -60 ; 80 -90

First water at 30 feet.

Casing perforated

from 100 to 190 ft.

Size of perforations

3/8 X 3" 8 rows

(OVER)

910

## 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. |
|---|---|---|---|---|
| 16 | plus 1 | 190 | 191 | Cemented to 100 ft |

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

Pump tested 1500 GPM from 75 ft.

## WELL DRILLER'S STATEMENT

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

Signed Patrick H. Thompson
Well Driller

By

Licence No.

Dated 19

(Not to be filled in by Driller)

'82 OCT 20 A9:41