24170

Log No. ~~24170~~
Rec. 19
Well No. 45219
Permit No. 20784
Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

45219(2) #4

Owner: Nevada Power Co. Driller: Patrick H. Thompson

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

Location of well: ~~SE~~ ¼ SW ¼ Sec. ~~30~~ 26, T. 14 ~~S~~/S, R 66 E, in Clark County

Glendale Nev. 26

or Well #4 45219 NPC #4

Water will be used for: Industrial Total depth of well: 235'

Size of drilled hole: 20" to 100' - 16" from 100' to 235' Weight of casing per linear foot: 41.0

Thickness of casing: .250" Temp. of water:

Diameter and length of casing: 20" to 70' 16" OD to 235'
(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: 20'

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

Date of commencement of well: 7/3/63 Date of completion of well: 11/1/63

Type of well rig: 28L Bucyrus-Erie Cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	10	10	Soil
10	65	55	Sandy clay
65	75	10	Red clay
75	80	5	Sandy clay
80	105	25	Red sand
105	125	20	Gravel
125	165	40	Red sand and gravel
165	179	14	Red clay
179	193	14	Gravel
193	215	22	Red sand and gravel
215	225	10	Gravel
225	235	10	Red sand

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 105 to 165 ft.

Other aquifers: 179 - 193
193 - 215
215 - 225

First water at 30 feet.

Casing perforated
from 100 to 225 ft.

Size of perforations
3/8" X 3" - 6 rows on 12" centers

919

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	235'	236'	Cemented to 60'

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

Drilled three 8" holes 180 ft. deep on 10 ft. radius main well,(gravel introduction holes). Placed 96 yd. of gravel.

Test pump data: 800 GPM from 55 ft.

1000 GPM from 68 ft.

1100 GPM from 72 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.....

License No. 192

Dated Nov. 4, 1963, 19.....

(Not to be filled in by Driller)