Shown

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3553
Rec. Sept 2 19 56
Well No.
Permit No. 16381
Do not fill in

well 2 ~~Deepen~~ Return well

Owner Southern Nevada Power Co. Driller Mr. Mason

Address 21 California St. Address 1727 Santa Paula Lic. No 195

Location of well: SW ¼ NE ¼ Sec. 34, T. 20 N/S, R 61 E, in Clark County

or at a point from which the North ¼ corner of said Sec. 34 bears North 46° 27' 36" West a distance of 986'. (Well to be in SW corner of lot 20 Blk. 32 Clark's Las Vegas Townsite)

Water will be used for Air conditioning (Heating and Cooling) Total depth of well 422 feet

Size of drilled hole 50' 16" Weight of casing per linear foot 16" - 42#

Thickness of casing 1/4" walls Temp. of water 72°

Diameter and length of casing 422' 16" X 1/4 wall 50 ft. of 18" X 1/4 Wall
(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 No

If nonflowing well give depth of standing water from surface 17'

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

Date of commencement of well July 7, 1955 Date of completion of well July 19, 1955

Type of well rig Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
70	80	10	White Shale
80	100	20	White clay - some shale
100	115	15	White Shale - some white clay
115	125	10	White Clay - red clay - course sand
125	155	30	Red clay - white clay
155	165	10	Red clay - course sand
165	170	5	Red clay - gravel
170	175	5	Red clay - some white shale
175	190	15	Red clay - white clay - sand - gravel
190	200	10	Red clay - gravel
200	205	5	Gravel
205	210	5	Red clay - gravel
210	225	15	White clay - shale
225	235	10	White clay - gravel
235	255	20	Gravel - red clay - trace white clay
255	265	10	Red Clay - some gravel
265	300	35	Gravel - some red clay
300	325	25	Red clay - some gravel
325	420	95	Gravel - some red clay
420	425	5	Red clay - some gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 310 to 422 ft.

Other aquifers 240-5'
270-5'

First water at 275' feet.

Casing perforated
from 225 to 420 ft.

Size of perforations
1/16 X 2½"

(OVER)

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.
18"	0'	50'	50'	Surface Pipe
10"	0'	422'	422'	Casing

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

Test pump set at 200'. Capable of producing 200 g.p.m. 75# pressure at 170 ft. head. Find production checked as follows: 226 g.p.m. pumping level 150' - 34 H.P. 72° Total hardness 232 ppm; Calcium 114 ppm; Mag. 118 ppm; Sodium Chl. 18 ppm. Dissolved Solids 250 ppm; Iron 0; Silica 30 ppm.

WELL DRILLER'S STATEMENT

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

Signed William J. Moore
Well Driller

By.....

License No. 195

Dated Aug 10, 1955

(Not to be filled in by Driller)