Log No. 1582
Rec. Apr 18 1951
Well No. 659
Permit No. 1-502
Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Owner Wilbur Clarks Desert Inn Co. Driller Rodgers & Smith

Address Las Vegas, Nevada Address 3200 Palomino Lane Lic. No. 31
Las Vegas, Nev.

Location of well: NE ¼ NW ¼ Sec 16, T 21 N/S, R 61 E, in Clark County

or Gravel Packed Well No. of Tank

Water will be used for Municipal Total depth of well 440

Size of drilled hole 20" to 195' - 16" 195 to 440 ft. Weight of casing per linear foot 32# & 22#

Thickness of casing ¼" Temp. of water 70

Diameter and length of casing 16" I.D. 195' 10" I.D. 280 ft.
(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 -11.65 ft.

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

Date of commencement of well Nov. 22, 1950 Date of completion of well Dec. 26, 1950

Type of well rig Spudder Cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	3	3	sandy gravel soil
3	11	8	white shale , hard
11	16	5	cement gravel, surface water at 12 ft.
16	20	4	caliche hard
20	23	3	boulders
23	30	7	caliche
30	35	5	cement gravel
35	95	60	brown clay
95	100	5	brown lime hard
100	125	25	layers of lime and clay 2 to 5 ft. in thickness
125	135	5	hard brown lime
135	140	5	hard lime
140	175	35	layers of brown lime & clay
175	185	10	conglomerate porous cement gravel, possible water
185	190	5	brown clay
190	200	10	gravel & sand (water)
200	300	100	layers of lime & clay 2' to 5 ft in thickness
300	320	20	conglomerate Sand & Gravel
320	350	30	smooth lavender lime hard
350	354	4	clay
354	375	21	lavender lime medium broken

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 300 to 320 ft.
190 to 200
Other aquifers
354 to 375

22
First water at feet.

160 440
Casing perforated
from to ft.

¼" by 4"
Size of perforations

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
375	405	30	layers of lime and clay 2 to 4 ft in thickness
405	415	10	cement gravel
415	440	25	layers of lime and clay under layed with the blue mud or caving clay

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16"	0	195	195	The 10 " was perforated ¼" by 5" 20 slots to 12 ft joint and 12 yards of pea gravel placed on the out side full length
10"	160	440	280	The 16" was cemented full length with 8 yards of cement

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

Pump test indicated about 560 G.P.M. with 82 ft draw down

WELL DRILLERS STATEMENT

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

Signed.....
Well Driller

By.....

License No. 31

Dated Dec 31, 19 50

(Not to be filled in by Driller)