Log No. 2495
Rec. Mar 17 1954
Well No.
Permit No. 11614
Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Send to Co. 3/16/53

Owner M. J. Moore, Haynes, Barron, Schramm Driller [illegible]

Address [illegible] Cortez Hotel, Las Vegas, Nev. Address [illegible] Lic. No. 66

Location of well: S.E. 1/4 NE 1/4 Sec 17, T 21 N/S, R 61 E, in Clark County

or

Water will be used for Hotel Total depth of well 1205

Size of drilled hole 20" Weight of casing per linear foot 24 lb.

Thickness of casing 5/16 Temp. of water 70

Diameter and length of casing 8" I.D. 40Ft Jts. 900 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 18 G.P.M.

If nonflowing well give depth of standing water from surface

If flowing well describe control works None
(Type and size of valve, etc.)

Date of commencement of well Feb 1, 1954 Date of completion of well Feb 20, 1954

Type of well rig Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	Sand
4	10	6	Rock
10	80	70	Calchie & Cemented Gravel
80	90	10	Red Clay
90	105	15	White Clay
105	112	7	Calchie
112	120	8	Gravel
120	145	25	White Clay
145	210	65	Red Clay
210	220	10	Gravel
220	270	50	Red Clay & Gravel
270	320	50	Gravel Streaks of Clay
320	350	30	Good Water Gravel
350	370	20	Red Clay
370	390	20	Gravel
390	410	20	White Clay
410	440	30	Gravel Streaks of White Clay
440	712	272	Red, blue Clay
712	720	8	Cemented Gravel
720	800	80	Red Clay
800	810	10	Cemented Gravel
810	870	60	White Clay & Gravel
870	935	65	Red Clay
935	1010	75	Red Clay & Gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 1160 to 1190 ft.

Other aquifers

712 - 720

1105 - 1120

First water at 240 feet.

Casing perforated

from 600 to 900 ft.

Size of perforations

3/32 x 20" Milled Slots

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
1010	1025	15	Cement & Gravel
1025	1105	80	Gravel
1105	1125	20	Gravel Water
1125	1160	35	Red Clay & Gravel
1160	1190	30	Good Water Gravel
1190	1205	15	Red Sand Hard

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
8"	0	900	900	Cemented from 500 to 600 ft by Pump & Plug
				Grouted from 0 - 120
				Gravel Pack from 900' to 900' ½" Gravel

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

Bottom filled with gravel from 1205' to 9[illegible]'

Bailed perforations 6 hours

WELL DRILLERS STATEMENT

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

Signed Fred D. Smith
Well Driller

By

License No. 56

Dated Feb 04, 19 54

(Not to be filled in by Driller)