

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 7278
 Rec. July 12 1963
 Well No. _____
 Permit No. 528
Do not fill in

Owner Thunderbird Hotel Driller Effinger Drilling & Pump Serv.

Address Las Vegas Blvd. South Address Box 579 Lic. No. 212

Location of well: NE 1/4 NE 1/4 Sec 9, T21N/S, R61E, in Clark County
 or (See back for explanation)

Water will be used for Quasi-Municipal Total depth of well 368 feet

Size of drilled hole 12 inch Weight of casing per linear foot .1414

Thickness of casing .156 Temp. of water _____

Diameter and length of casing 8" ID 368'
(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 57'4"

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

Date of commencement of well April 22, 1963 Date of completion of well May 27, 1963

Type of well rig "72 Speedstar"

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	Sand & Silt
4	7	3	Caliche
7	12	5	White Clay
12	15	3	Limestone
15	18	3	Clay
18	20	2	Gravel (Water)
20	26	6	White Clay
26	31	5	Limestone
31	38	7	Yellow Clay & Gravel
38	44	6	Limestone
44	53	9	White Clay
53	57	4	Red Sticky Clay
57	64	7	Gravel (Water)
64	75	11	Yellow Clay
75	79	4	Limestone
79	96	17	Decomposed Lime
96	103	7	Limestone
103	118	15	Yellow Clay
118	131	13	Limestone
131	133	2	Yellow Clay
133	139	6	Limestone (Water)
139	144	5	White Clay
144	158	14	Sandstone (Water)
158	163	5	White Clay
163	175	12	Red Clay
175	189	14	Gravel (Water)
189	197	8	Limestone

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 348 to 368 ft.

Other aquifers: 331-343
261-268
238-245
205-212
175-189
154-158
133-139
57-64

First water at 18 feet.

Casing perforated
 from 191 to 368 ft.

Size of perforations
1/8" X 12" Torch

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
205	212	8	Yellow Sticky Clay
212	228	7	Limestone (Water)
228	245	26	Red Sticky Clay
245	261	7	Red Sandstone (Water)
261	268	15	Yellow Sticky Clay
268	284	7	Limestone (Water)
284	299	16	Red Clay
299	306	15	Yellow Sticky Clay
306	328	7	Red Sandstone
328	331	22	Red Sticky Clay
331	343	3	Yellow Clay
343	348	12	Sandstone (Water)
348	368	5	Red Sticky Clay
		20	Sand & Gravel (Water)

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
8" ID	0	368	368	Cemented from 0 to 50 feet Graveled packed from 50 to 368 feet 21 yards of pea gravel used in three holes 7 yards of cement used in three holes. Old well was plugged

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

WELL DRILLER'S STATEMENT

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

Signed Effinger Drill & Pump
Well Driller

By.....

License No. 212

Dated July 8, 1963, 19.....

(Not to be filled in by Driller)

RECEIVED

JUL 11 1963

DIV. OF WATER RESOURCES
BRANCH OFFICE
LAS VEGAS, NEVADA

Old well was plugged & new well drilled approx 5 feet away