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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 6318
Rec. Dec. 18 1961
Well No.
Permit No. 19469
Do not fill in

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner: Southern Nevada Telephone Company Driller: Effinger Drilling and Pump Service

Address: 125 Las Vegas Blvd., South Address: Box 589, Las Vegas Lic. No. 218

Location of well: NW ¼ NE ¼ Sec. 15, T. 21 S/S, R. 61 E, in Clark County

or: Regent Office, Desert Inn Road

Water will be used for: Quasi-municipal Total depth of well: 400 feet

Size of drilled hole: 12" to about 240'; 8" from 240' to total depth

Weight of casing per linear feet: ---

Thickness of casing: 10 gauge Temp. of water: ---

Diameter and length of casing: 8"-240'; 6"-170'
(Casing 15" in diameter and under give inside diameter; casing 15" 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: 60 feet

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

Date of commencement of well: September 9, 1961 Date of completion of well: September 18, 1961

Type of well rig: Speedster 71

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	52	52	Gravel and gray clay
52	74	22	Red clay and gravel
74	80	6	Gray sandy clay and gravel
80	124	44	Red sandy clay and gravel
124	148	24	Limestone and brown clay
148	186	38	Red sandy clay
186	200	14	Limestone
200	260	60	Brown clay and gravel
260	312	52	Red sandy clay and gravel
312	328	16	Brown clay and gravel
328	380	52	Brown clay, sand, and gravel
380	400	20	Red clay and gravel

(over)

Water-bearing Formation, Casing Perforations, Etc.

Outer aquifer (water-bearing formation)

from 16 to [illegible] ft.

Other aquifer [illegible]

First water at 16 feet

Casing perforated

from 240 to [illegible] ft.

Size of perforations

Torch cut

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.
8-inch	0	240	240'	Driven as far as it would safely go to create seal from poor quality water in upper part of well
6-inch	230	400	170'	Upper 50 feet of 8-inch casing cemented

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

Water thieved from: 200', 1940 ppm dissolved solids; 250', 1400 micromhos; 300', 1100 micromhos, 300 ppm SO_4; 350', 1100 micromhos, 2200 ppm dissolved solids (different samples). Complete analysis to be run after pumping. Berkeley G-250 jet set on 2" and 2½" pipe to 2[illegible]'. Cutting samples submitted to Bob Littleton, Bureau of Reclamation, Boulder City for lithologic description.

WELL DRILLER'S STATEMENT

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

Signed A. F. Effinger
Well Driller

By Charles E. Price

License No. 212

Dated October 18, 1961

(Not to be filled in by Driller)

1961 DEC 18 AM 10 46

STATE ENGINEER