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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 14853
Rec. July 9 1956
Well No.
Permit No. 16355
Do not fill in

Owner Al Swartz Hillcrest Manor Driller S. M. McKinney & Son

Address 4800 Madre Mesa Dr. Las Vegas Address 1042 S. Main Las Vegas Lic. No. 45

Location of well: NE ¼ SW ¼ Sec. 13, T20 N/S, R60 E, in Clark County

or

Water will be used for D. & I. Quasi-Municipal Total depth of well 248 ft.

Size of drilled hole 14" to 55 ft. 10" to 248 Weight of casing per linear foot 32 lb.

Thickness of casing 1/4" wall Temp. of water

Diameter and length of casing 10" I.D. to 248 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 50 ft.

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

Date of commencement of well June 5, 1956 Date of completion of well June 16, 1956

Type of well rig Bucyrus Erie 24 E. Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	2	2	soil and clay
2	6	4	caliche
6	10	4	soft caliche
10	15	5	caliche
15	25	10	white clay
25	36	11	clay
36	40	4	cement gravel
40	48	8	sandy clay
48	53	5	gravel
53	60	7	sandy clay
60	[illegible]	3	gravel
63	70	7	clay
70	75	5	gravel water
75	98	23	clay
98	132	34	sandy clay
132	144	12	gravel and clay water
144	160	16	cement gravel
160	185	25	cement gravel water
185	205	20	cement gravel
205	234	29	cement gravel water
234	248	14	cement gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 205 to 234 ft.

Other aquifers 160 to 185
132 to 144

First water at 70 feet.

Casing perforated
from 188 to 248 ft.

Size of perforations
3/16" X 10"

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.
10" I.D.	0	248	248	10" casing cemented down to 50 ft. w/ 1 & ½ yards concrete.

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

Bailed 80 G.P.M. from from 87 feet.

WELL DRILLER'S STATEMENT

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

Signed S. H. McKinney & Son
Well Driller

By

License No. 45

Dated July 3, 19 56

(Not to be filled in by Driller)