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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Hacienda inc. Permit # 18741

Log No. 5333
Rec. 9-21 1960
Well No.
Permit No. 18741
Do not fill in

Owner Johnny Williams Driller S. R. McKinney & Son

Address 1229 South 17th St. Las Vegas, Nev Address 1042 South Main Las Vegas Lic. No. 4

Location of well NW ¼ NW ¼ Sec. 31, T. 19 N/S, R. 57 E, in Clark County

or Between the Hollis Rest Camp and Charleston Lodge in Kyle Canyon

Water will be used for Domestic Total depth of well 251 feet 292'

Size of drilled hole 10" to 140, 8" to 290 ft. Weight of casing per linear foot 10 gauge

Thickness of casing 10 gauge Temp. of water

Diameter and length of casing 8" I.D. to 287 feet.
(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 221 feet.

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

Date of commencement of well June 26, 1957 Date of completion of well July 14, 1957

Type of well rig Bucyrus Erie 24 L, Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	surface soil
4	60	56	gravel and boulders
60	95	35	soft cemented gravel
95	211	116	cemented gravel
211	236	25	cemented gravel water
236	290	54	Cemented gravel, Water

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 221 to 290 ft.

Other aquifers

First water at 221 feet.

Casing perforated

from 220 to 290 ft.

Size of perforation

3/16" X 12"

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(OVER)

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LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diameter casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
8" I.D.	0	207	207	Bottom 30 feet of 8" casing is heavy Quarter inch wall casing. Drive shoe on Bottom.

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

Bailed 20 G.P.M. could not lower water level.

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. E. McKinney & Son
Well Driller

By McKinney

License No. 45

Dated July 25, 1957

(Not to be filled in by Driller)

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