WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2471
Rec. 19
Well No.
Permit No. 15210
Do not fill in

Owner: R. Hitchcock
Driller: McDarvie Plumbing & Welding
Address: 210 West Wyoming, Las Vegas, Nev
Address: 222 West 3rd, Las Vegas, Nev. Lic. No. 132
Location of well: NW 1/4 SW 1/4 Sec. 24, T. 21 N/S, R. 60 E, in Clark County
or Sec. 24 - T 21 S - Range 60 E So 10° 47' - 30" W from S W Cor of 24
Water will be used for: Permit # 15210
Total depth of well: 354'
Size of drilled hole: 12"
Weight of casing per linear foot: 31.4
Thickness of casing: 4"
Temp. of water: 71
Diameter and length of casing: 200' 12" & 168' 10" Perforated
(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: 130'
If flowing well describe control works
(Type and size of valve, etc.)
Date of commencement of well: Dec. 1953
Date of completion of well: Dec. 1953
Type of well rig: Keystone

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	25	25	Sand, gravel, cobblestone
25	36	11	Sand gravel cobblestone
36	54	18	clay
54	58	4	shell
58	61	3	clay
61	87	26	Clay with imbedded boulders
87	96	9	red clay
96	108	12	hard caliche shell
112	115	3	red clay
115	160	45	sandy red clay (145' water)
160	190	30	red clay with imbedded gravel&rock
190	225	35	red clay with rocks & fine sand
225	255	30	caliche with gravel
255	280	25	caliche with imbedded gravel
280	305	25	grey caliche with imbedded cobblestone
305	330	25	grey caliche with imbedded rock & gravel
330	354	24	grey caliche with imbedded gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 225 to 255 ft.
Other aquifers 305 & 330
First water at 145 feet.
Casing perforated
from 168' to 354' ft.
Size of perforations

(OVER)

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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.
12"	0	200	200	Grouted from 140' to surface
10"	186	354	168	perforated from top to bottom

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

Test pumped for 12 hrs --200 GPM to 650 GPM

WELL DRILLER'S STATEMENT

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

Signed Don R. McGarvie
Well Driller

By R. McGarvie

License No. 132

Dated Jan 12, 1954

(Not to be filled in by Driller)