WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. ~~27132~~ 713
Rec. 1948
Well No.
Permit No. ~~11942~~ 11942
Do not fill in

Owner: Fred H. Callihan — Driller: Joseph E. Metz

Address: — Address: Box 547 No. Las Vegas Lic. No. 35

Location of well: NW ¼ NE ¼ Sec. 13, T. 20 S, R 61 E, in Clark County

or

Water will be used for: Irrig. And Domestic — Total depth of well: 250

Size of drilled hole: 9½" to 185 ft. 73/4" to 250 — Weight of casing per linear foot: 26#

Thickness of casing: ⅛" — Temp. of water:

Diameter and length of casing: 188 ft. of 8" I.D.
(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: -44.0 ft

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

Date of commencement of well: March 3, 1948 — Date of completion of well: April 23, 1948

Type of well rig: Cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	12	12	top soil
12	13	1	gravel
13	25	12	gyp & clay
25	34	9	silt
34	47	13	lime rock
47	53	6	soft lime (water)
53	98	45	lime rock
98	100	2	clay
100	119	19	lime rock
119	121	2	grey clay
121	125	4	lime rock
125	129	4	quick sand
129	150	21	lime rock
150	154	4	red clay
154	169	15	lime rock
169	182	13	grey clay
182	188	6	lime rock
188	199.	11	red clay
199	202	3	soft lime (water)
202	217	15	red clay
217	218	1	lime rock
218	223	5	gray clay
223	225	2	lime rock
225	235	10	gray clay
235	238	3	soft lime (water)
238	241	3	lime rock
241	250	9	gray clay

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 235 to 238 ft.

Other aquifers 199 to 202
235 to 238

First water at 47 feet.

Casing perforated
from 44 to 76 ft.
108 188

Size of perforations
1/8" by 2" factor

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"	0	188	188	Cemented from 40 ft to surface

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

WELL DRILLERS STATEMENT

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

Signed Joe Mitz
Well Driller

By.....

License No.....

Dated May 20, 1948

(Not to be filled in by Driller)