

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. <u>5410</u>	
Rec. <u>19</u>	
Well No. _____	
Permit No. _____	

Do not fold in

Owner Willie B. Logan & Mollie L. Driller Douglas Slagle

Address 3000 West Logan St. Las Vegas Address 4518 E. Vegas Valley Dr Lic. No. 137

Location of well: SE 1/4 NW 1/4 Sec. 8., T20 N/S, R61 E, in Clark County

or NW of Corners of Logan & Simmons Strs. about 900 Ft.

Water will be used for Domestic Total depth of well 230 Ft.

Size of drilled hole 12" for 8" Casing Weight of casing per linear foot 12.15 #

Thickness of casing 13/4 or 10 Gage Temp. of water Cool

Diameter and length of casing 8 5/8" x 230 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 120 Ft.

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

Date of commencement of well April 17 1967 Date of completion of well April 27 1967

Type of well rig Bucyrus-Erie 22W Series Two

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	.1	1	Red Clay
1	1 1/2	1 1/2	Sheet Rock
1 1/2	17	15 1/2	Caleche & Clay (Broken up)
17	24	7	White Clay
24	25	1	Sheet Rock
25	38	8	Lt. Brn. Clay with Gravel
38	45	7	Brown Clay with Gravel
45	61	16	Silky Brn. Clay (sticky)
61	90	29	Lt. Brn. Clay & Pea Gravel
90	92	2	Very Hard Rock
92	110	18	Clay & Gravel (Dry Strata)
110	115	5	Red Clay
115	117	2	Pinkish Clay
117	123	6	Very Hard Rock
123	128	5	Soft Brown Clay
128	131	3	Hard Brown Clay
131	133	2	Very Hard Rock
*133	138	5	Clay, Gravel & Water
138	142	4	Soft Stickey Clay (Red)
*142	155	13	Gravel & Water (Rolling)
155	165	10	Very Hard Rock
*165	180	15	Gravel, Sand, Clay (Tight Water)
180	185	5	Sandy Red Clay
185	200	15	Tan Colored Sticky Clay
200	210	10	Bright Red Clay
*210	227	17	Gravel, Clay & Water
227	230	3	Sticky Red Clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 165' to 180' ft.

Other aquifers 133' to 138'
142' to 145'
210' to 227'

First water at 133 feet.

Casing perforated

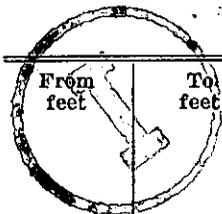
from 120' to 230' ft.

Size of perforations

1/8" x 12"



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 5/8" O.D.	0	230	230	Well is Gravel-packed from 50 Ft. to 230 Ft. using 6 1/2 Yds. of 3/4" Gravel Well is cemented from 0 Ft. to 50 Ft. using 4 Yds of WMK well Grout

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

Bailing test indicates that well will deliver approx 30 G.P.M. having a draw-down to 167 Ft.

WELL-DRILLER'S STATEMENT

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

Signed: Douglas Slagle
 Douglas Slagle, Driller
 By: Douglas Slagle
 Douglas Slagle
 License No. 137

Dated April 30, 1967, 1967

(Not to be filled in by Driller)

RECEIVED

MAY 1 1967

DIV. OF WATER RESOURCES
 BRANCH OFFICE
 LAS VEGAS, NEVADA