WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 55406
Rec. 19
Well No.
Permit No.
Do not fill in

Owner Carl M. Williams Driller Merle Mucklow

Address 1110 W Bonanza Rd Las Vegas Nev. Address 230 Lewis St Lic. No. 22

Location of well: SE ¼ NE ¼ Sec. 11, T. 21 N/S, R. 60 E, in Clark, Las Vegas Nev County

or Mt. Diablo Meridian T. 21 S, R. 60 E, Sec. 11, W ½ NE ¼ SE ¼ NE ¼

Water will be used for Domestic Total depth of well 160

Size of drilled hole Weight of casing per linear foot 12

Thickness of casing 10 Gage Temp. of water 50

Diameter and length of casing 8" I.D. 49' and 150' of 6" 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 120'

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

Date of commencement of well July 5 Date of completion of well July 19-52

Type of well rig Spider Home Made

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
1	5	5	lime Rock sand gravel clay
5	45	40	cemented sand & Gravel
45	49	4	Soft Red clay sand
49	55	6	Hard lime stone
55	125	70	light clay mixed sand medium soft
125	130	5	fine whit sand warsh sand or quick sand.
130	136	6	Soft red clay,
136	138	2	(Hard cemented lime stone)
138	145	7	and gravel Water sand and gravel first water.
145	160	15	red clay & gravel.

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 138 to 145 ft.

Other aquifers

First water at 138 feet.

Casing perforated
from 138 to 150 ft.

Size of perforations
1/8 4" long every 6"

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" ID	top	49	5'0	Drilled 10" hole to 49' set 8" cemented from Bottom to top with sand cement
6" ID	top	150'	151' 6"	Drilled 6" hole to 150' bailed clean next morning hole had filled back to 120' with fine [illegible] not dill or bale it past 123' so drilled it with 7½" [illegible] 123' set 6" [illegible] in then went in 5-¾ in bit settled 6" casing on down to 150' and hung it drilled to 160' [illegible] it free of sand.

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 Earl Mullen
Well Driller

By Merle Mucklow

License No. 22

Dated July 22, 1952

(Not to be filled in by Driller)