WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2073
Rec. ..... 19.....
Well No. 708
Permit No. 14007
Do not fill in

Owner Fred [illegible]. Allen Driller Allen Water Well Service Co.

Address 231 Maryland Parkway Las Vegas Address 231 Maryland Parkway Lic. No. 40

Location of well: [illegible] ¼ [illegible] ¼ Sec. 7, T. 21 N/S, R 61 E, in Clark County

or

Water will be used for Quasi-Municipal & Domestic Total depth of well 640 [illegible]

Size of drilled hole 12 " Weight of casing per linear foot 21 lbs.

Thickness of casing 3/16" Temp. of water

Diameter and length of casing 10 3/4" O.D. to 164 feet & 8 5/8" to 542'
(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 25 feet

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

Date of commencement of well July 14, 1952 Date of completion of well Sept. 21, 195[illegible]

Type of well rig 72 Star Cable Tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	15	15	Caliche
15	20	5	Clay & Gravel
20	30	10	Caliche
30	37	7	Sandy white clay
37	40	[illegible]	Caliche
40	55	15	Brown clay
55	57	2	Caliche
57	65	8	Clay & Gravel
65	67	2	Coarse gravel
67	95	28	Brown clay
95	105	10	Gravel
105	120	15	Brown sandy clay
120	125	5	Fine brown sand
125	150	25	Lime
150	182	32	Caliche
182	184	2	Brown sand
184	190	6	Sandstone
190	207	17	Sand & gravel
207	211	4	Brown clay
211	230	19	Sand & gravel
230	234	4	Brown clay
234	306	72	Sand & gravel
306	381	75	Cemented gravel lenses
381	403	22	Gravel
403	460	57	Sandy clay & gravel
460	465	5	Lime cement gravel
465	468	3	White clay & gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 234 to 40[illegible] ft.

Other aquifers 65-67
95-105 120-125
400-540

First water at 65 feet.

Casing perforated

from 332 to 542 ft.

Size of perforations

6" slot 1/4" width
4 around every 18".

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
468	499	31	Red clay & gravel
499	515	16	Sand & Gravel
515	640	125	Red gravel with cemented gravel lenses

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
12 3/4	0	10	10'	3/16" casing cemented in place with an 8" outlet.
10 3/4	6	154	150'	3/16" casing cemented in place.
8 5/8	135	542	407'	10 gauge liner with 4" shoe top & bottom, torch punch slot from 532 to 542.

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

Capacity 1150 GPM with drawdown of 23 ft of the water

WELL DRILLERS STATEMENT

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

Signed [signature]
Well Driller

By.....

License No. 40

Dated Oct. 9, 1952

(Not to be filled in by Driller)