WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 8833
Rec. Aug 24 1964
Well No.
Permit No. 2-1516
Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner: Las Vegas Valley Water Dist Driller: Roscoe Moss Company

Address: Las Vegas, Nevada. Address: 4360 Worth St, L.A. Lic. No. 8

Location of well: SE ¼ SW ¼ Sec. 30, T. 20 N/S, R. 60 E, in Clark County

or near Gowan Road and Torrey Pines Drive.

Water will be used for: Municipal Total depth of well: 1003

Size of drilled hole: 16 Weight of casing per linear foot: 62#

Thickness of casing: 8 gauge Temp. of water:

Diameter and length of casing: 16" No. 8 gauge in 4' jts.
(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:

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

Date of commencement of well: 2-11-64 Date of completion of well: 4-28-64 (Drilling)

Type of well rig: Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	10	10	Top soil
10	14	4	Caliche
14	34	20	Brown clay
34	40	6	Caliche
40	64	24	Brown clay
64	69	5	Hard caliche
69	194	125	Brown clay
194	210	16	Brown clay, gravel stks
210	213	3	Red sandy clay
213	255	42	Hard brown clay, gravel stks
255	295	40	Tight gravel 3/4" cemented stks
295	307	12	Loose gravel to 2-1/2"
307	338	31	Cemented gravel
338	380	42	Brown clay, caliche stks
380	388	8	Cemented gravel
388	410	22	Hard brown clay and gravel
410	418	8	Cemented gravel
418	428	10	Brown clay
428	455	27	Cemented gravel
455	477	22	Hard brown clay, gravel and caliche
477	481	4	Tight gravel 2" some clay
481	515	34	Hard brown clay and gravel, caliche
515	547	32	Red clay
547	585	38	Cemented gravel

(OVER)

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from ..... to ..... ft.

Other aquifers

First water at 140 feet.

Casing perforated

from 307 to 338 ft.
380 388
410 481
~~481~~ Size of perforations
547 585
~~654~~ ~~965~~

Perf. 5/16" x 2-1/2"

919

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
585	654	69	Hard brown clay and gravel
654	725	71	Cemented gravel
725	760	35	Hard caliche
760	764	4	Cemented gravel
764	795	31	Hard caliche, cemented gravel stks
795	852	57	Cemented gravel
852	872	20	Hard caliche
872	950	78	Hard caliche, cemented streaks
950	1003	53	Hard caliche

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
20"	0	102	102	Surface protective casing
16"	0	1000	1000	Double well casing.

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

Well produced 3500 GPM with a drawdown of 73 feet. Well was tested a total of 260 1/4 hours.

WELL DRILLER'S STATEMENT

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

Signed [signature] Well Driller Secretary

By

License No. 8

Dated 8-21-64, 19

(Not to be filled in by Driller)

1964 AUG 24 AM 11 14

OFFICE
STATE ENGINEER