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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 7539
Rec. Apr. 16 1956
Well No.
Permit No. 16752
Do not fill in

Owner: CITY OF NORTH LAS VEGAS
Address: NORTH LAS VEGAS, NEVADA

Driller: W. J. Mason
Address: 1727 Santa Paula Drive, Las Vegas, Nevada
Lic. No. 195

Location of well: NW 1/4 NE 1/4 Sec. 15, T. 20 N/S, R. 61 E. in Clark County

or

Water will be used for: Municipal
Total depth of well: 1700

Size of drilled hole: 20"
Weight of casing per linear foot: 33 lbs.

Thickness of casing: 1/2 Wall
Temp. of water: 95 deg.

Diameter and length of casing: 14" 1700 feet
(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: 80 G.P.M. 18 lbs pressure

If nonflowing well give depth of standing water from surface:

If flowing well describe control works: 8" Valve
(Type and size of valve, etc.)

Date of commencement of well: Dec. 22, 1955
Date of completion of well: Jan. 30th, 1956

Type of well rig: Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	Sandy soil
5	18	13	Caliche
18	50	32	Caliche & Brown Clay
50	220	170	Brown clay & Sand
220	415	195	Blue, white & gray clay
415	610	205	Brown Sandy Clay
610	680	70	Brown & Black Sand
680	805	125	Brown Clay
805	880	75	Brown & Black Sand
880	1105	225	Brown Clay & Sand
1105	1165	60	Brown Sand
1165	1640	475	Brown ~~gray~~ & green Clay
1640	1670	30	Brown Clay & small gravel
1670	1700	30	Brown clay & about 50% Gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 805 to 880 ft.

Other aquifers: 610-680
1105-1165

First water at 210 feet.

Casing perforated
from 590 to 1660 ft.
See Remarks

Size of perforations
1/16

CASING RECORD

Diam. Casing	From Feet	To feet	Length
14"	0	160	160B
	160	200	40P
	200	360	160B
	360	400	40P
	400	440	40B
	440	520	80B
	520	680	160 P
	680	880	200 B
	880	920	40 P
	920	960	40 B
	960	1000	40 P
	1000	1080	80 B
	1080	1160	80 P
	1160	1200	40 B

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"--Seals, Grouting, Etc.
14"	1200	1240	40 P	Casing Cement Sealed to 71 Feet
	1240	1400	160 B	
	1400	1440	40 P	
	1440	1480	40 B	
	1480	1520	40 P	
	1520	1560	40 B	
	1560	1600	40 P	
	1600	1640	40 B	
	1640	1680	40 P	
	1680	1700	20 B	

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

Pumped at the rate of 790 G. P. M. Draw Down 155 feet.

WELL DRILLER'S 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. 185

Dated April 7th, 19 58

(Not to be filled in by Driller)