X

Log No. 8110
Rec. Oct 6 19 64
Well No.
Permit No. 21376
Do not fill in.

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Las Vegas Valley Water District [redacted] c/o Ernest Becker Driller Phelps Pump & Equipment Co.

Address 5017 Alta Dr., Las Vegas, Nev. Address 400 E. Lake Mead Blvd. Lic. No. 98

✓ Location of well: NE ¼ NE ¼ Sec. 23, T. 20 ~~X~~ S, R. 60 E, in Clark County

or

Water will be used for Municipal Total depth of well 900

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

Thickness of casing #8 ga. double Temp. of water

Diameter and length of casing 16" x 900'
(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 145'

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

Date of commencement of well Jan. 27, 1964 Date of completion of well May 27, 1964

Type of well rig cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	80	80	caliche
80	165	85	red clay
165	250	85	pea gravel
250	275	25	coarse gravel
275	330	55	cemented gravel
330	340	10	pea gravel
405	410	5	fine hard sand
410	415	5	cemented gravel
415	495	80	coarse gravel
495	555	60	hard cemented gravel
555	578	23	coarse gravel
578	590	12	cemented gravl
590	620	10	coarse gravel
620	630	10	hard fine sand
630	685	55	cemented gravel
685	690	5	coarse gravel
690	700	10	hard fine dsand
700	710	10	cemented gravel
710	717	7	hard fine sand
717	737	20	coarse gravel
737	762	25	hard fine sand and gravel
762	792	30	cemented gravel
792	802	10	coarse gravel
802	886	84	cemented gravel
886	900	14	hard cemented gravel, red clay

(OVER)

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from 555 to 578 ft.

Other aquifers 590- 620
685-690, 700-710, 717-737,
792-802, 802-886

First water at 145' feet.

Casing perforated

from 330' to 886 ft.

Size of perforations

3/16 louvne

919

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.
16"	0	900	900'	
				40,000 # gravel from 900' up to 102' grouted 102' to surface cemented botton of hole 902' to 897'

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

3600 GPM @ 195' drawdown level

WELL DRILLER'S STATEMENT

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

Signed Phelps Pump & Equipment Co.
Well Driller

By L. R. Lemon

License No. 98

Dated May 27, 1964

(Not to be filled in by Driller)

SEP 30 1964
DIV. OF WATER RESOURCES
LAS VEGAS, NEVADA