Las Vegas Valley Water District

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 7168
Rec. May 20 1963
Well No.
Permit No. 20906
Do not fill in

Well C.H. #1 PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner ~~First Western Saving & Loan Co.~~ LVVWD Driller Rosco Moss Co. Driller Bill Hulse

Address College & Decatur St. Las Vegas Address [illegible]

Location of well SW ¼ NW ¼ Sec. 19; T 22 N/S, R 61 E, in Clark County

or

Water will be used for Total depth of well 1004'

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

Thickness of casing Double 8 gage Temp. of water 70% (Appx.)

Diameter and length of casing 16" inside
(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 74 FT.

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

Date of commencement of well MAR 13, 1963 Date of completion of well May 13, 1963

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	2	2	Top Soil
2	9	7	Calichie
9	17	8	White Clay
17	22	5	Calichie
22	28	6	White Clay
28	48	20	Calichie
48	55	7	Brn. Clay
55	67	12	Calichie
67	127	60	Brn. Clay
127	140	13	White Clay
140	170	30	Brn. Clay
170	175	5	Hard Calichie
175	215	40	Cemented gravel 3/4" Some Clay
215	225	110	Tight gravel up to 1"
225	280	55	Loose gravel up to 4"
280	290	10	Tight gravel up to ½"
290	300	10	Loose gravel up to 3"
300	315	15	Tight gravel ½"
315	317	2	Loose gravel
317	355	38	Tight gravel
355	398	43	Hard Brn. Clay
398	413	15	Hard Calichie

(OVER)

Water bearing Formation Perforations Etc.

Chief aquifer (water-bearing formation)

from 225 to 280

Other aquifers

First water at 74 feet.

Casing perforated

from 225 to 355, 560 to 640, 650 660, 730 733, 878 895 ft.

Size of perforations

5/16" X 2½"

919

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
413	424	11	Brn. Clay
424	460	36	Red Clay
460	470	10	Hard Red Clay Some gravel inbeded.
470	474	4	Hard Brn Clay Some gravel Inbeded
474	485	11	Hard Calichie
485	542	59	Hard Brn. Clay Some gravel inbeded.
542	549	7	Hard Calichie
549	555	6	Hard Brn. Clay Some gravel inbeded
555	641	86	Cemented gravel Some Clay Streaks
641	645	4	Hard Brn. Clay
645	664	19	Cemented gravel
664	675	11	Hard Calichie
675	685	10	Hard Brn. Clay Some gravel
685	688	3	Hard Calichie.

(Cont. on [illegible])

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks" Seals, Grouting, Etc.
20"	0	102	102	In Stalled 102 FT. of 20 I.D. Dia. 5/16 wall conductor pipe
16"	0	1000	1000	In Stalled 1000 FT of 16" I.D. Dia. Double 8 gage Casing
				In Stalled 30 tons of pea gravel outside of 16" casing. The Top of gravel is At 102 FT.
				In Stalled mixed Cement between 16" casing and 20" Conductor pipe from 0 FT. To 102 FT.

Final Test.

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

G.P.M.	Pumping Level	Static Level	Draw Down	Specific yield
4090	196	79	117	34.9
2990	161	79	82	36.4
2525	145	79	66	38.2
1555	116	79	37	42.0
1025	101	79	22	46.5

WELL DRILLER'S STATEMENT

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

Signed Roscoe Moss Co.
Well Driller

By Bill Nulsey

License No. 385

Dated May 15, 1963

(Not to be filled in by Driller)

RECEIVED
MAY 23 1963
DIV. OF WATER RESOURCES
LAS VEGAS, NEVADA

1963 MAY 20 AM 10 25
OFFICE
STATE ENGINEER