

WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA



Log No. 2138
 Rec. 19...
 Well No.
 Permit No. 11738
 Do not fill in

log book

Van O Eastland

Owner Eastland Water Co. Inc. Driller Rodgers & Smith

Address Las Vegas, Nev. Address Las Vegas, Nev. Lic. No 31

Location of well: SE 1/4 NE 1/4 Sec. 19, T. 20 N/S, R. 61 E, in Clark County

or

Water will be used for Quasi-Municipal 1.0 CFS. Total depth of well 450

Size of drilled hole 12" to 240, 10" to 450 Weight of casing per linear foot 24#

Thickness of casing 1/2" Temp. of water

Diameter and length of casing 244 ft. of 10" & 212 ft. of 8"
(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 at surface 1/16/53 0.6 above surface

If flowing well describe control works welded cap, and 3" plug
(Type and size of valve, etc.)

Date of commencement of well Dec. 1 1952 Date of completion of well Jan 13, 1953

Type of well rig Cable tools Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	9	9	sand & gravel	
9	20	11	green clay	Chief aquifer (water-bearing formation)
20	30	10	white clay	from <u>240</u> to <u>245</u> ft.
30	40	10	br. clay lst. water at 52'	Other aquifers <u>340 to 341</u>
40	92	52	pink clay	<u>Some water at 190</u>
92	95	3	gravel	<u>280 and 300</u>
95	190	95	br. clay	
190	220	30	cement gravel (may carry some water)	
220	240	20	porious cement grav. (water)	
240	245	5	loose gravel (water)	
245	275	30	conglomerate	
275	340	75	porious cement grav.	
340	345	5	loose gravel (water)	
345	360	15	hard lime rock	First water at <u>32</u> feet.
360	440	80	layers of clay & lime rock	
440	450	10	soft silika sand	10" Casing perforated from <u>190 to 244</u> ft. 8" 238 to 430 Size of perforations

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.
10"	0	244	244	cemented to 50 ft. with 1 1/2 yds. of ready mix. 8" perforated all but the bottom 20 ft.
8"	238	450	212	

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

WELL DRILLERS STATEMENT

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

Signed.....
Well Driller

By.....

License No. 31

Dated Jan 16, 19 53

(Not to be filled in by Driller)
