

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 92251  
 Rec. 9/3 1948  
 Well No. \_\_\_\_\_  
 Permit No. \_\_\_\_\_

*Do not fill in*

Owner Mr. H. C. Gerber Driller Warren W. Overholser ✓  
 Address Reno, Nevada Black Springs Address Fernley, Nevada Lic. No. I5  
 Location of well: 1/4 NW 1/4 Sec. 16, T. 20 N/S, R. 19 E, in Washoe Co Nevada County \_\_\_\_\_

Water will be used for Domestic Purposes Total depth of well 275 Feet  
 Size of drilled hole 8" to 10" 6" to 275' 6"-20#, 4"-11#  
 Thickness of casing 6"-5/8", 4"-1/4" Weight of casing per linear foot 135' to 200'  
 Temp. of water 58 Deg, F  
 Diameter and length of casing Total length of both sizes 200'  
 (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 140'  
 If flowing well describe control works \_\_\_\_\_  
 (Type and size of valve, etc.) \_\_\_\_\_

Date of commencement of well July 21, 1948 Date of completion of well Aug 2, 1948

Type of well rig Failling Rotary, 314-C

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
	22'	22'	Alluvium, Rock. decomposed volcanic sediments	
22	25	3	Lt, brown clay, small gravel	
25	32	7	Cemented sand & gravel	
32	40	8	Cemented sand & gravel	Chief aquifer (water-bearing formation) from <u>212</u> to <u>275</u> ft.
40	45	5	unconsolidated fine sand, lt brown clay, very troublesome.	Other aquifers <u>185</u> to <u>205</u>
45	50	5	Brown clay	very little water in second aquifer
50	52	2	Hard cemented gravel	
52	55	3	Coarse gravel brown clay	
55	75	20	Cemented gravel hardpan	
75	110	35	lt brown clay, hard, some water 2" mud loss, or fissure loss.	
110	115	5	soft clay, fine sand, small gravel	First water at <u>110'</u> feet.
115	125	10	Small gravel, sand and brown clay 1/4" mud loss	
125	126	1	sand, soft brown clay 1/2" ML	Casing perforated
126	129	3	2" ML, sand, & small gravel	from <u>125'</u> to <u>135'</u> ft.
129	135	6	Sticky brown clay, & sand.	<u>180'</u> to <u>200'</u>
Ran in 185' of 6" Std only 1/2 gpm. which was 275' with 5-7/8 bit			galvanized Pipe, & tested to insufficient. Drilled on to	Size of perforations 1/4" x 12" long
135	155	25	Brown clay	
155	159	4	Brown clay	
159	160	1	Hard rock	
160	185	25	Cemented stratas of sand & gravel clay seams in between	

