

State Equip.

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 1840
Rec. Jan 17 1952
Well No. _____
Permit No. _____
Do not fill in

Owner Mr. & Mrs. John D. Foley Driller W. W. Overholser

Address Fernley, Nevada. Address Fernley, Nevada Lic. No. 15

Location of well: E. 1/2 SW 1/4 Sec 21, T20 N, R25 E, in Lyon County

or On the old Fallon Highway

Water will be used for Domestic purposes Total depth of well 212 Feet

Size of drilled hole 8 1/2 Weight of casing per linear foot 14# & 24#

Thickness of casing 3/16" & 1/4" Temp. of water 59 Deg- F

Diameter and length of casing 6" Length 213'
(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 Static Level 23'-6"

If nonflowing well give depth of standing water from surface No

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

Date of commencement of well July 19, 1951 Date of completion of well Dec., 19, 1951.

Type of well rig Failing Rotary 3I4#C

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	25	25	Sand & silt	
25	36	11	Blocky clay, water strata, small layers of sand to 6" thick	Chief aquifer (water-bearing formation)
36	40	4	cemented rock and gravel	from 200' to 208'-6" ft.
40	65	25	Hardpan, sand gravel, & clay	
65	72	7	Rocks, boulders in cemented formation	Other aquifers 25 36'
72	84	12	Rock, gravel in clay Brown	
84	86	2	very hard cemented gravel	
86	95	9	Gravel, in hard brown clay	
95	110	15	Cemented sands, small gravel & clay	
110	114	4	Hard lt brown clay, w sand & gravel	
114	115	1	6" very hard rock, Hard cemented	
115	120	5	sands and gravel in brown clay, Hard	first water at 25' feet.
120	130	10	Pink clay, chunks soft w sand & small gravel	
130	140	10	Same as above, some layers hard	Casing perforated
140	150	10	Rusty brown clay hard, small gravel	
150	160	10	Soft gummy white clay w sand & small gravel, looks like hot water clays.	from 212' to 202' ft.
160	170	10	White hot water clay coarse & fine sands.	Size of perforations 1/8 x 8"
170	175	5	Grey clay, w orange chunks & hard brown clay w fine gravel & coarse sands.	24 Perforations
175	178	3	Grey clay, small gravel & sands Hard	

(OVER)

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
178	180	2	Hard strata of grey clay & fine sand
180	186	6	Stratas of white, pink brown clays w sand
186	190	4	Alternate small layers 4 to 6" thick, hard then soft,
190	194	4	Hard brown clay, some sand
194	197	3	Alternate small layers of hard brown clay, w soft stratas
197	200	3	Small layers of sand, & soft brown clay & black fine sand
200	208*6"	8'-6"	Fine sands, black fine sands. Water strata.
208	212	3 1/2	Brown clay, & sands.

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
6" ID	Plus 1 foot above the surface to 73'	212'	6" Spiral Weld pipe 6" O. D.	black std Pipe
	Cemented, Grouting W pressure pump from 50' to surface W 5 sacks cement			
	Well was gravel packed w 6 yds of 3/8" gravel.			

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

Air developed 5 hrs, Installed jet pump and pumped for 2 hrs.

Total solids

Carbonates	737
Bi-Carbonates	0
Sulphates	476
Chlorides	60
Bacteria Gas at 32-35 Deg C in 48 hrs	

WELL DRILLERS STATEMENT

(Not to be filled in by Driller)

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

Signed Warren W. Overholser
Well Driller

By *Warren W. Overholser*

License No. 15

Dated Jan 15, 1952

