

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1578
 Rec. 4/21 1951
 Well No. _____
 Permit No. APP 13627
Do not fill in

Owner Oreana Development Co. Driller J. N. Pitcher Co.
 Address Lovelock, Nevada Address 7108 Mission St., Daly City, Cal. No. 102
 Location of well: NE 1/4 SE 1/4 Sec. 21, T. 29 N/S, R. 33 E, in MDB&Mer Pershing County
 or _____
 Water will be used for Irrigation Total depth of well 442'
 Size of drilled hole 14" Weight of casing per linear foot 48#
 Thickness of casing 5/16 Temp. of water Unknown
 Diameter and length of casing 1 1/8" 5/8" --- 442' Total length 6' joints
(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 not flowing
 If nonflowing well give depth of standing water from surface 63'
 If flowing well describe control works _____
(Type and size of valve, etc.)
 Date of commencement of well 2/15/51 Date of completion of well 4/11/51
 Type of well rig Bucyrus-Erie 24"

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	15	15	Fine silt	
15	55	40	Silt with fine gravel	
55	90	35	Very soft mucky clay & sand	
90	102	12	Gravel w/very soft clay-little water	Chief aquifer (water-bearing formation) from <u>124'</u> to <u>140'</u> ft.
102	124	22	Very soft clay w/small gravel	<u>145</u> to <u>152</u>
124	140	16	Sand & gravel-water	Other aquifers _____
140	145	5	Sticky clay & gravel	
145	157	12	Free gravel-water	<i>Plugged by</i>
157	200	43	Soft sandy clay	<i>Well log No. 115660</i>
200	207	7	Gravel, free-water	
207	215	8	Sticky clay & gravel	
215	230	15	Clay & gravel w/ streaks of cemented gravel	
230	240	10	Soft sandy clay	First water at <u>102</u> feet.
240	244	4	Fairly free gravel	
244	251	7	Soft sandy clay	
251	254	3	Cemented gravel	Casing perforated
254	259	5	Clay & gravel-sticky	from <u>92'</u> to <u>427'</u> ft.
259	268	9	Soft sandy clay	
268	271	3	Large gravel-water	
271	275	4	Fine gravel-water	
275	281	6	Sticky clay	
281	290	9	Gravel w/a little clay	Size of perforations
290	300	10	Clay w/some gravel	<u>3" x 1/2"</u> 10 for every foot
300	310	10	Clay & gravel w/small streaks of	
310	317	7	Soft sandy clay cemented gravel	
317	325	8	Hard cemented gravel	
325	327	2	Clay & gravel	
327	331	4	Cemented gravel	

