

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 7234
 Rec. JUNE 18 1963
 Well No. 21584
 Permit No. 18145

Do not fill in

Owner Alta Mantelli Driller W.L. McDonald
 Address P.O. Box 30, Garlach, Nevada Address 669 Apple St.; Reno Lic. No. 363
 Location of well: $\frac{1}{4}$ $\frac{1}{4}$ Sec. 7, T. 32N/8, R. 24E, in Pershing County
 or Permit # 18145
 Water will be used for irrigation purposes Total depth of well 350'
 Size of drilled hole 16" Weight of casing per linear foot .219 wall line pipe
 Thickness of casing .219 wall random lengths Temp. of water normal
 Diameter and length of casing 16" O.D. random lengths up to 35'
(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 39'
 If flowing well describe control works.....
(Type and size of valve, etc.)
 Date of commencement of well Jan. 22, 1963 Date of completion of well Feb. 21, 1963
 Type of well rig Cable tool Bucyrus Erie 24-L

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	3	3	Brown sandy topsoil	
3	18	15	Brown sandy clay	Chief aquifer (water-bearing formation)
18	42	24	Yellow sandy clay	
42	47	5	Yellow sand-very silty-some water	from <u>118</u> to <u>162</u> ft.
47	72	25	Yellow sandy clay	Other aquifers <u>181-210</u>
72	93	21	Yellow sand with 30% silt	<u>260-290</u>
93	106	13	Yellow clay-very sandy-soft	<u>295-330</u>
106	118	12	Brown clay-soft-very little sand	
118	123	5	Yellow sandy clay-soft-with some fine gravels to $\frac{1}{4}$ "	
123	162	39	Yellow sand-coarse-with fine gravels to $\frac{1}{2}$ " & 30% silt	First water at <u>42</u> feet.
162	181	19	Yellow sandy clay-soft	
181	210	29	Sand, silt, and gravels to $\frac{3}{8}$ "	
210	260	50	Yellow sandy clay-soft-with some gravels to $\frac{3}{8}$ "	Casing perforated from <u>70</u> to <u>100</u> ft.
260	276	16	Yellow heaving sand with 30% silt	<u>4</u> cuts per row/1 row every <u>18"</u> Size of perforations
276	290	14	Yellow sand with fine gravels to $\frac{1}{4}$ "-30% silt	<u>3/16" x 1 1/2"</u> mills knife <u>100'-325'</u> <u>6</u> cuts per row/1 row every <u>12"</u>

(OVER)



