

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY



Log No. 6163  
 Rec. Oct 3 1961  
 Well No. ....  
 Permit No. 1946  
*Do not fill in*

Owner Sonoma Farms Assn. Driller Desert Irrigation & Supply Co.

Address Winnemucca, Nev. Address Elko, Nev. Lic. No. 321

Location of well: NE 1/4 SE 1/4 Sec. 23, T. 34N/S. R. 53E, in Humboldt Parish County  
 or Southwest of Winnemucca in ~~Rock~~ Grass Valley

Water will be used for Irrigation Total depth of well 242

Size of drilled hole 27" Weight of casing per linear foot 38 lbs

Thickness of casing 3/16th steel Temp. of water 59°

Diameter and length of casing 16" in dia. and 242 ft in length  
 (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 no

If nonflowing well give depth of standing water from surface 35 ft.

If flowing well describe control works none  
 (Type and size of valve, etc.)

Date of commencement of well Jan 25, 1961 Date of completion of well Jan 27, 1961

Type of well rig Reverse Circulation

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	15	15	top soil and overburden	
15	30	15	sand	Chief aquifer (water-bearing formation)
30	76	46	clay	from <u>181</u> to <u>241</u> ft.
76	182	106	clay with small layers of sand gravel	Other aquifers <u>76 to 182</u>
182	184	2	Hard limestone rock	
184	<del>184</del> <u>241</u>	57	Sand <del>and</del> gravel layers with layers of clay	
<u>141</u>	<u>142</u>	1	Hard limestone rock	
Stopped drilling				
				First water at <u>35</u> feet.
				Casing perforated from <u>180</u> to <u>242</u> ft.
				Size of perforations <u>3/16th factory screen</u>

