

22709

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 9415  
 Rec. March 6 1967  
 Well No. ....  
 Permit No. 22709  
 Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner MR. Arnold Meyer Driller W.L. McDonald  
 Address P.O. Box 1209; Winnemucca, Nev. Address 1715 Trabart Way; Sparks No. 493  
 Location of well:  $\frac{1}{4}$   $\frac{1}{4}$  Sec. 30, T35 N R. 32 E, in Humboldt County  
 Permit No. ....  
 Water will be used for irrigation purposes Total depth of well 272'  
 Size of drilled hole 16" Weight of casing per linear foot 47.22 lbs.  
 Thickness of casing .280 wall Temp. of water normal  
 Diameter and length of casing 16" O.D. in random lengths to 22'  
(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 80'  
 If flowing well describe control works.....  
(Type and size of valve, etc.)  
 Date of commencement of well Jan. 31, 1967 Date of completion of well Feb. 24, 1967  
 Type of well rig Bucyrus Erie 22-W Cable tool

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, etc.
0	3	3	Topsoil	
3	8	5	Grayish yellow hardpan	
8	33	25	Hard & soft sandy yellow clay	Chief aquifer (water-bearing formation)
33	35	2	Fine to coarse sand w/ small rounded gravels to 3/8" mixed	from <u>165</u> to <u>255</u> ft.
35	43	8	Hard & soft sandy yellow clay w/ inconsistant streaks of coarse sand & angular gravels to 3/8" mixed- streaks are from 4" to 8" in thickness	Other aquifers..... <u>101-125</u> <u>125-165</u> <u>89-101</u>
43	61	18	Hard & soft sandy grayish yellow clay	
61	82	21	Fine to coarse sand w/ angular to rounded gravels to 1" - inconsistant soft yellow clay streaks to 6" in thickness	First water at <u>61</u> feet.
82	89	7	Soft sandy yellow clay w/ semi-rounded gravels to 1 1/2" mixed	
89	101	12	Soft sandy yellow clay w/ inconsistant lenses of sand & small gravels to 3/8"	Casing perforated from <u>110</u> to <u>255</u> ft. <u>6 cuts per row/1 row every 12"</u> Size of perforations
101	125	24	Fine to coarse sand w/ small semi-rounded gravels to 3/8" & inconsistant lenses or stringers of hard yellow clay	<u>5/16" x 1 1/2"</u>
125	165	40	Fine to coarse sand w/ angular gravels to to 1/2" & inconsistant hard yellow clay lenses	

