

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA


 Log No. 1476
 Reel 12/4 1950
 Well No. _____
 Permit No. _____
Do not fill in

Owner Mr, Alty De Long Driller Warren W. Overholser
 Address Winnemucca, Nevada Address Fernley, Nev # 73 Lic. No. 15
 Location of well: SW 1/4 SW 1/4 Sec 21, T. 39 N/S, R. 33 E, in Humboldt County
 or Old Alexander Ranch 78 mi NW of Winnemucca
 Water will be used for Stock purposes Total depth of well 112'
 Size of drilled hole 8" Weight of casing per linear foot 6" - 12#
 Thickness of casing 1/8" Temp. of water 58 Deg F
 Diameter and length of casing 6" 110' 2 Foot of gravel on the bottom
(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 18'
 If flowing well describe control works _____
 Date of commencement of well Oct 28 (Type and size of valve, etc.) _____
AUG _____
 Date of completion of well Nov 4, 1950
 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.
This is a cleanout job, original hole was 10" in diameter, but sanded up, and gave out very little water. Fished out 2 - 10' lengths of pipe, and drilled by another with a 1e Pump cylinder on it. Ran in casing to 60 feet and casing stuck neither coming up or down, due to pipe and cylinder locking it at a collar. Finally jarred loose, and redrilled again to 112', pipe and cylinder were forced off in the clay above 90'. Casing ran in with no trouble.				Chief aquifer (water-bearing formation) from <u>90</u> to <u>110</u> ft. Surface Other aquifers <u>Water</u>
<u>35'</u>	<u>40</u>	<u>5</u>	sands in casing	
<u>40</u>	<u>63</u>	<u>23</u>	Cemented sand, Hardpan.	
<u>63</u>	<u>90</u>	<u>27</u>	light green clay	
<u>90</u>	<u>110</u>	<u>20</u>	Coarse sand & gravel stratas	
<u>110</u>	<u>112</u>	<u>2</u>	Dark Green clay	First water at <u>18'</u> feet. Casing perforated from <u>(90)</u> to <u>110</u> ft. Size of perforations <u>1/8" X 12"</u>
				24 Perforations in all

