

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 4590
 Rec. May 12 1959
 Well No. _____
 Permit No. 18348
Do not fill in

Owner John Williams Driller Dave McNinch
 Address Madera, California Address Box 585 Winnemucca, Nev. Lic. No. 219
 Location of well: SW 1/4 NE 1/4 Sec. I., T38 N/S, R36 E, in Humboldt County
 or _____
 Water will be used for Irrigation Total depth of well 576'
 Size of drilled hole 4 1/2" Weight of casing per linear foot 23 lbs.
 Thickness of casing 10 gauge Temp. of water Mild
 Diameter and length of casing 4 3/8" 164'
(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 52 ft.
 If flowing well describe control works _____
(Type and size of valve, etc.)
 Date of commencement of well March 1, 1959 Date of completion of well March 24, 1959
 Type of well rig # 71 Speed Star cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	60	60	old hole drill & cased 24" casing	
60	88	28	fine blue sand	Chief aquifer (water-bearing formation)
88	109	21	coarse sand	from <u>412</u> to <u>576</u> ft.
109	112	3	tight clay	Other aquifers <u>60 - 109</u>
112	122	10	granite sand	<u>112 - 122</u>
122	172	50	sandy clay	
172	412	240	grey clay	
412	464	52	blue clay & sand streaks	First water at <u>60</u> feet.
464	469	3	fine clean gravel	Casing perforated
469	522	53	blue clay	from <u>40</u> to <u>164</u> ft.
522	526	4	clean gravel	Size of perforations
526	576	50	blue clay and sand streaks	<u>1/8 x 1 1/2 slots</u> reperforated to <u>5/16 x 2" slots</u> approx. 40 per foot.

