

15423-10
Permit No. 18623

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 5542
 Rec. Nev. 1 1960
 Well No. _____
 Permit No. 18623
 Do not fill in _____

Owner LaVerne Machacek Driller Desert Irrigation & Supply Co.
 Address Buhl, Ida Address Eureka, Nev. Lic. No. 321
 Location of well: NW 1/4 1/4 Sec. 1, T. 20 N/S, R. 53 E, in Eureka, N County _____ County
 or Lot 12 diamond valley N 39 630 932 W 115 982 131 7547
 Water will be used for Irrigation Total depth of well 173 ft.
 Size of drilled hole 3 1/2" Weight of casing per linear foot 150 lbs.
 Thickness of casing 2 1/2" concrete Temp. of water 58°
 Diameter and length of casing 17" inside, 22" outside, 173 ft, concrete
 (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 Non flowing
 If nonflowing well give depth of standing water from surface 79' 10"
 If flowing well describe control works None (Type and size of valve, etc.)
 Date of commencement of well Sept 9, 1960 Date of completion of well Sept 15, 1960
 Type of well rig Reverse Circulation drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	top soil and overburden
5	32	27	dry sand and gravel
32	66	34	dry clay with layers of gravel
66	173	107	Hard cemented gravel, rocks, and boulders. small layers of clay varying from 3" to 1ft
			Very hard drilling. no loose sand and gravel below water level

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 80 to 173 ft.

Other aquifers none

First water at 79' 10" feet.

Casing perforated
from 125 to 173 ft.

Size of perforations
3/16" casted concrete



