

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY



Log No. 5543  
 Rec. Nov. 1 1960  
 Well No. \_\_\_\_\_  
 Permit No. 19276  
*Do not fill in*

Owner Eunice Machacek Driller Desert Irrigation & Supply Co.

Address Buhl, ~~Frank~~ Ida Address Eureka, Nev. Lic. No. 321

Location of well: SW 1/4 NE 1/4 Sec. 36., T. 21 N/S, R. 53 E, in Eureka, county \_\_\_\_\_ County  
 or Diamond Valley

Water will be used for Irrigation Total depth of well 152

Size of drilled hole 36" Weight of casing per linear foot 150 lbs per ft

Thickness of casing 2 1/8" Temp. of water 58°

Diameter and length of casing 17" 152 ft, 17" inside 22" outside  
(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 61' 6"

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

Date of commencement of well Aug 27, 1960 Date of completion of well Aug 29, 1960

Type of well rig Reverse Circulation drilling

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	top soil & overburden
4	38	34	dry sand and gravel
38	72	34	soft clay
72	86	14	hard cemented gravel and boulders
86	91	5	good gravel, large & loose
91	152	61	Hard cemented gravel and sand with boulders and small clay layers
			Test hole shows cemented gravel to 200 ft. hard drilling.

Water-bearing Formation, Casing Perforations, Etc.

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Chief aquifer (water-bearing formation)

from 72 to 152 ft.

Other aquifers none

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First water at 61' 6" feet.

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Casing perforated

from 96 to 104 ft.  
116 to 152

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Size of perforations

3/16 "



