

18989

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6117
Rec. March 30 1961
Well No. _____
Permit No. 18289
Do not fill in

Owner (Mrs) Matilda Machacek Driller Grosch Irrig. Co.
Address _____ Address Silver Creek, Nebraska Lic. No. 6479
Location of well: SE 1/4 NE 1/4 Sec. 10, T 20N/S, R 53E, in EUREKA County
or (South end of Diamond Valley, --5 miles north of Eureka)
Water will be used for Irrigation Total depth of well 180-feet
Size of drilled hole 28-inches Weight of casing per linear foot 31 lbs.
Thickness of casing 10 Ga. (9/64ths) Temp. of water 54.0 F.
Diameter and length of casing 16-18/64ths inches, Length 182-feet
(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 68-feet
If flowing well describe control works _____
(Type and size of valve, etc.)
Date of commencement of well July 13, 1961 Date of completion of well July 19, 1961
Type of well rig Reverse-circulation rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	6	6'	Soil depth
6	33	27'	Loose coarse gravel & sand.
33	42	9'	medium to coarse grav. & sand.
42	60	18'	Tight, coarse gravel & sand
60	71	11'	Medium gravel with sand.
71	73	2'	Cemented gravel.
73	83	10'	Loose gravel, -coarse sand.
83	98	16'	Loose coarse water gravel.
98	102	4'	Partly cemented gravel
102	131	29'	Loose, coarse water gravel.
131	133	3'	Cemented gravel streak
133	149	26'	Medium to small gravel.
149	151	2'	Cemented gravel streak
151	163	12'	Medium to fine gravels
163	*183	20'	Good coarse water gravels

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation) ..
from 102 to 131 ft.
Other aquifers 73--98, 133--149, 151--183.

First water at 68 feet.

Casing perforated from 100 to 180 ft.

Size of perforations 1/8th inch wide by 7/8' long. Factory perforati Sand Louvre type.

*--Bottomed on a cemented gravel streak

Plugged By Well log 125216
Replaced By Well log 125217

