

17988

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6118
 Rec. Aug 30 1961
 Well No.
 Permit No. 18288
Do not fill in

Owner Joseph A. Machacek Driller Grosch Irrig. Co.
 Address Route #1, Buhl, Idaho Address Silver Creek, Neb. Lic. No. 6479
 Location of well: SE 1/4 SE 1/4 Sec. 10, T.20 N/S, R.53 E, in Eureka Co., (Diamond Valley) County
 or.....
 Water will be used for Irrigation Total depth of well 200 feet
 Size of drilled hole 28-inches/16-inches Weight of casing per linear foot 27-lbs.
 Thickness of casing 10 Ga. (Kai-well) Temp. of water 54 F.
 Diameter and length of casing 16 1/4" x 200-ft.
 (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 well
 If nonflowing well give depth of standing water from surface..... 79' below ground level
 If flowing well describe control works.....
 (Type and size of valve, etc.)
 Date of commencement of well July 22nd, 1961 Date of completion of well August 9th, 1961
 Type of well rig Churn drill with scow

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	6	6	Effective soil depth	
6	32	26	Coarse gravel/sand/silt	Chief aquifer (water-bearing formation)
32	41	9	Medium to coarse gravel with sand.	from 79 to 127 ft.
41	62	21'	Tight coarse gravel & sand.	Other aquifers 129-146, 162-
62	68	6'	gravel/sand and clay.	180, and 182-196.
68	70	2'	Cemented gravel & sand.	
70	79	9'	Loose gravel	
79	95	16'	Loose, coarse water gravel.	
95	98	3'	Partly cemented gravel.	
98	127	29'	Loose, coarse water gravel.	
127	129	2'	Partly cemented gravel.	
129	146	17'	Coarse rock & smaller gravel	First water at 79' feet.
146	148	2'	Partly cemented gravel	
148	153	5'	Partly cemented gravel, clay	
153	161	8'	Medium fine to coarse gravel.	Casing perforated
161	162	1'	Cemented lime-gravel streak.	from 100 to 200 ft.
162	180	18'	Fine, to medium gravel.	
180	182	2'	Cemented lime-gravel streak.	Size of perforations
182	196	14'	Medium to fine loose gravel.	1/8th in., Kai-well
196	198	2'	Cemented lime-gravel streak	factory perforated.
198	200	2'+	Loose med. to fine gravel.	

