

17278

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 6564  
 Rec. June 4 1962  
 Well No. ....  
 Permit No. 18523-22200  
25982  
*Do not fill in*

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner RUSSELL FRANK KRUEGER Driller Grosch Irrigation Co., Inc.

Address LONGMONT, COLORADO Address P.O. Bx. 241, Eureka, Nevada Lic. No. 6479

Location of well: SE 1/4 SW 1/4 Sec. 32, T21 1/2 N/S, R5 1/4 E, in EUREKA County  
 or (Diamond Valley)

Water will be used for Irrigation Total depth of well 257'

Size of drilled hole 30" Weight of casing per linear foot .....

Thickness of casing 10 Ga., 9/64th inch Temp. of water 57°

Diameter and length of casing 18-9/64" x 255' in length  
(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 14.5'

If flowing well describe control works non-flowing  
(Type and size of valve, etc.)

Date of commencement of well April 16 Date of completion of well May 23, 1962

Type of well rig Reverse-circulation rotary

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0'	3'	3'	Soil
3'	12'	9'	Sand and fine gravel
12'	20'	8'	Brown clay
20'	32'	12'	Fine sand
32'	36'	4'	Fine sand and small gravel
36'	48'	12'	Soft, black ooze
48'	59'	11'	Fine black sand
59'	62'	2'	Gravel streak
62'	110'	48'	White clay
110'	122'	12'	Blue clay
122'	137'	5'	White clay
137'	141'	4'	Gravel streak with fine sand
141'	212'	71'	Solid blue clay
212'	217'	5'	Black ooze
217'	230'	13'	Black ooze carrying considerable very fine sand.
230'	235'	5'	White clay.
235'	242'	7'	Black ooze and fine sand
242'	252'	10'	Fine water gravel with sand
252'	257'	5'	Good coarse water gravel and sand. Hole bottomed @ 257'

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)  
 from 242' to 257' ft.

Other aquifers 217'--230';  
32' to 48'.

First water at 14.5' feet.

Casing perforated  
 from 80' to 255' ft.

Size of perforations  
1/8th inch torch slots



