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# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

✓ Log No. 6-523  
 Rec. May 23 1962  
 Well No. \_\_\_\_\_  
 Permit No. 19218  
**23711** Do not fill in

Owner EDWIN CARL BISHOP Driller GROSCH IRRIGATION Co.

Address 3121 Sheffield Ave., Oakland, Cal. Address P.O. Bx. 241, Eureka, Nev. Lic. No. 6479

Location of well: SNE 1/4 SW 1/4 Sec. 21., T.20N/S, R.53E, in Eureka County County  
 or (Diamond Valley)

Water will be used for Irrigation Total depth of well 200-Ft.

Size of drilled hole 16-inches Weight of casing per linear foot 27 Lbs.

Thickness of casing 10 Ga. Temp. of water 56°

Diameter and length of casing 16-9/64th Diam. O.D., 202' 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 well

If nonflowing well give depth of standing water from surface 99'

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

Date of commencement of well Dec. 4, 1961 Date of completion of well March 5, 1962

Type of well rig Churn drill

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5'	Soil depth
5	19	14'	Fine gravel and coarse sand
19	41	22'	Soft, brown clay
41	75	34'	Dense, hard clay.
75	97	22'	Partly cemented, coarse grv.
97	132	35'	Loose, coarse gravel & sand
132	135	5'	Hard cemented gravel streak
135	180	45'	Coarse, loose gravel
180	188	8'	Fine grained semi-sandstone
188	200	12'	Large, coarse gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 135 to 180 ft.

Other aquifers 97--132, 188--200.

First water at 98.5' feet.

Casing perforated from 100 to 200 ft.

Size of perforations

1/2-inch



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16	100	200	100'	Well cased with 16-inch, 10 Ga. Kai-well casing in 4' lengths. Perforated section, extending from 100' to 200' in well, knife perforated, in 6-inch tiers, 14 cuts to tier.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Well was test pumped in March of this year, using 10-inch turbine pump at 146' setting. Well pumped at this setting after thorough well cleaning, for sustained period of 3-hours during which time a measured 1520 to 1580 g.p.m. were produced, with an average drawdown of 22'. Water temprature taken showed 56° F. Water is of fine domestic quality and sand free.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed W. R. Grosch, -Grosch Irrig. Co.  
Well Driller

By [Signature]  
Res. Agent  
License No. 6479

Dated....., 19.....

(Not to be filled in by Driller)

Rechecked by log # 27918

1962 MAY 23 AM 9 20  
STATE ENGINEER