WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 7641
Rec. Feb 11 1964
Well No.
Permit No. 19500
Do not fill in.

20260

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner: CLARENCE HAROLD ALIOMONG
Driller: Grosch Irrig. Co., Inc.
Address: LAKEPORT, CALIF.
Address: Silver Creek, Neb.
Lic. No. 6479

Location of well: SW ¼ SW ¼ Sec. 20, T. 20 N/S, R. 53 E, in EUREKA County
or SW cor. of Diamond Valley, 5½ miles NW of Town of Eureka and approx 1-mile north of US 50 Highway.

Water will be used for: Irrigation & Stock watering
Total depth of well: 200'

Size of drilled hole: 16"
Weight of casing per linear foot: 26½ Lbs.

Thickness of casing: 10 Ga./ 19/64ths inch
Temp. of water: 58°F.

Diameter and length of casing: 16-inch inside diameter, in 4' welded lengths.
(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: 98'

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

Date of commencement of well: March 25 1961
Date of completion of well: April 1, 1961

Type of well rig: Model 72 Star cable tool, (churn drill)

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5'	Effective soil depth
5	16	11'	Fine gravel & sand
16	23	8'	Silt & clay
23	68	45'	Fine, sandy gravel, (dry)
68	119	51'	Large, cemented gravel
119	137	18'	Tight, white clay
137	151	14'	Clay
151	165	14'	Clay & sand lenses, (cemented)
165	200	35'	Loose, sand grv., (water bearing)

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)
from 165 to 200 ft.

Other aquifers: 151--165 ?

First water at: 94' ? feet.

Casing perforated
from 100 to 200 ft.

Size of perforations
3/8" x 7" slots cut with Mills knife

(OVER)

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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"	Id. 0	200	200'	10 Ga. Kaiser Kai-well water well, copper bearing casing in 4' lengths, welded.

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

Calcium type water, entirely potable for domestic & irrigation use.

Well tested for gallonage with 10-inch turbine pump at 146' pump setting. Measured 760 gallons per minute at end of 2-hour sustained test. Pumping results in this well very disappointing in view of the excellent well obtained only one-half mile to the East. Reccomendation would be to deepen this well 75 or 100' feet with the view of bringing it up to the 1500 GPM Class

WELL DRILLER'S STATEMENT

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

Signed GROSCH IRRIG. CO., INC.
Well Driller

By Res. Agent--E.C. Leutzinger

License No. 6479

Dated May 15, 19 61

(Not to be filled in by Driller)