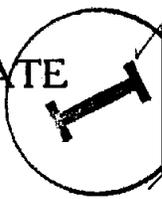


1954-2

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 6437  
Rec. MAR 28 19 62  
Well No. \_\_\_\_\_  
Permit No. 19541  
*Do not fill in less 153*

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner WILLIAM ANDERSON Driller Grosch Irrigation Co., Inc.  
 Address 674 So. 3rd Place, Othello, Wash. Address P.O. Bx. 241 Eureka, Nev. Lic. No. 6479  
 Location of well: SE 1/4 SE 1/4 Sec. 28, T. 21 N/S, R. 53 E, in Eureka County  
 or Diamond Valley N39.654340 W116.005753 NAD27  
 Water will be used for Irrigation Total depth of well 209  
 Size of drilled hole 28-inches Weight of casing per linear foot 43 Lbs.  
 Thickness of casing 1/4-in. wall Temp. of water 54° F.  
 Diameter and length of casing 16 1/2" diam. O.D.; 205' total 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 \_\_\_\_\_  
 If nonflowing well give depth of standing water from surface 54'  
 If flowing well describe control works Well is non-flowing.  
 (Type and size of valve, etc.) \_\_\_\_\_  
 Date of commencement of well Jan. 21 Date of completion of well Feb. 15, 1961  
 Type of well rig Reverse-circulation rotary

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	3'	3'	Soil depth	
3'	10'	7'	Fine Grv. & sand	Chief aquifer (water-bearing formation) from <u>84'</u> to <u>118'</u> ft.
10'	16'	6'	Brown clay	Other aquifers <u>189 to 209</u>
16'	20'	4'	Med. fine sand	
20'	35'	15'	Fine, sandy grv.	
35'	41'	6'	Soft, sand-clay	
41	52'	11'	Med. fine sand & grv.	First water at <u>54'</u> feet.
52'	56'	4'	Tough, white clay (standing water level @ <u>54'</u> )	
56'	64'	9'	Blue clay	Casing perforated from <u>84'</u> to <u>205'</u> ft.
64'	78'	14'	Fine, sandy gravel	
78'	84'	6'	White clay	Size of perforations <u>1/8th-in. wide by 5" long</u> (torch cut)
84'	118'	34'	Good water gravel	
118'	127'	9'	White clay	
127'	132'	5'	Med. coarse sand	

(OVER)

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
132'	137	5'	soft, semi-sandstone
137'	142'	5'	white clay
142'	150'	8'	soft, semi-sandstone
150'	152'	2'	White clay
152'	189'	37'	Solid blue clay
189'	209'	20'	Clean, coarse water gravel

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16 1/2"	84'	205'	121'	All casing butt welded in 20' lengths, and gravel packed with 3/8" rock chips for entire length of casing. Four feet of clean 3" rock placed from bottom of casing at 205' to bottom of well at 209'.

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

Well test pumped with 10" turbine pump & 200 HP gas engine with a setting of 134', and pumped a measured 2240 g.p.m. for pumping period of 2 1/2 hrs, with total drawdown of 56' (54' to 110').

Water of calcium type, and entirely suitable for both domestic & irrigation use.

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 Irrigation Co.  
Well Driller

By E. C. Leutzinger  
License No. 6479

Dated March 20, 19 62.

(Not to be filled in by Driller)

1962 MAR 27 AM 8 30  
 STATE ENGINEER OFFICE