WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 185
Rec. 10/27 1947
Well No.
Permit No.
Do not fill in

#12

Owner: Granite land + livestock Co Driller: WARREN W Overholser
Address: Gerlach Nevada Address: Winnemucca Nev Lic. No. 15

Location of well: SW 1/4 SE 1/4 Sec. 19, T. 35 N/S, R. 24 E, in Pershing Co County
or N-10°-W, 2.1 Miles from Sec Corner of 25, + 36 - R23E, + Sec 30, Sec 31 - R24E

Water will be used for: Stock WATERing Total depth of well: 200'

Size of drilled hole: 6" Weight of casing per linear foot: 4" Sld Pipe

Thickness of casing: 3/16" Temp. of water: 60° F

Diameter and length of casing: 4" inside DIA - 140' 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: 16'

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

Date of commencement of well: Sept 4, 1947 Date of completion of well: Sept 7 - 1947

Type of well rig: Failing Rotary - 314 - C

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0'	8'	8'	tt brown clay
8'	10'	2'	tt yellow to White Clay
10	15	5	dark grey, blue + black Clay GAS
15	20	5	dark grey clay - GAS
20	30	10	Alluvial sand, GAS
30	40	10	tt yellow clay, larger sands size.
40	50	10	PEA SIZE COARSER SANDS
50	60	10	large sand gravel + clay
60	77	17	large sand + gravel WATER STRATA
77	80	3	Brown gummy clay + sand
80	90	10	WATER AT 85' - Brown clay large sand + large gravel
90	100	10	large gravel WATER
100	120	20	" " WATER
120	130	10	" " WATER
130	140	10	" " sand + clay + WATER All.
140	150	10	Yellow clay

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 85' to 140' ft.
Other aquifers 60' - 77' GAS
No - Others
SURFACE WATER 15'
10' - 15'

First water at 15' feet.

Casing perforated
from 128 to 140 ft.

Size of perforations
4 x 8" - 4 rows
7 perf long. - 28 in

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
150	160	10	tt yellow clay + sand + gravel
160	170	10	" " " "
170	180	10	tt yellow clay, hard + soft strata
180	190	10	brown clay very fine sand
190	200	10	brown " " " "

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
4"	+2'	140'	140'	Cemented, from 0'-10'.

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

Bailed for 2hrs with 4 foot drawdown at 10 g.p.m.

WELL DRILLERS STATEMENT

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

Signed Warren N. Overholser
Well Driller

By Warren N. Overholser

License No. 15

Dated Oct 2, 1947

(Not to be filled in by Driller)