WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

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Log No. 91
Rec. 8/26 1947
Well No.
Permit No.
Do not fill in

Owner Granite Land & livestock Co. #I. Driller Warren W. Overholser #I.

Address Gerlach Nevada. Address Winnemucca, Nevada. Lic. No. I5

Location of well: ~~Sw ¼ Sw ¼ Sec. 30~~ NE ¼, sec. 35, T. 34 N/~~S~~, R 23 E, in Washoe County

or 30 feet west of granite creek house.

Water will be used for Domestic purposes Total depth of well 400 feet

Size of drilled hole 8" Weight of casing per linear foot Abandoned

Thickness of casing ½", 6" Std, Pipe. Temp. of water 62°-F.

Diameter and length of casing I74', Pulled, casing.
(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 No

If nonflowing well give depth of standing water from surface I5 feet

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

Date of commencement of well June 24, Date of completion of well July5, I947.

Type of well rig Failing Rotary, 3I4-C.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	80	80'	Granite sands, clay seams of fine orange mica.
80	90	I0'	Water strata, fine sands, coarse sands, & fine mica.
90	I00	I0'	Bentonite swelling ground, fine mica mixed.
I00	I60	60'	Same as above, Alternate.
I60	I70	I0'	Water strata, Quicksands fine mica orange colored.
I70	I85	5'	Water strata, Quicksands fine orange colored mica, end water
I85	I90	5'	Quartz, granite sands and clay cemented, (hard) color brown.
I90	250	60'	Granite sands mixed brown swelling clay full of mica *
250	285	35'	Same as above, last 5' small amount of water.
285	300	I5'	Coarse sand and soft mica mud.
300	309	9'	White clay, light colored granite sands.
309	3II	2'	Hard light green clay.
3II	324	I3'	Water strata, fine orange & black mica cubes, black sands.
324	326	2'	Hard granite, cemented iron drilled 5 hrs for 2' ground.
326	327	I'	Blue clay mixed red mica, clay sticky, and swelling.
327	350	23'	Light yellow, and occasional chunks of white clay.

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from I60' to I85' ft.

Other aquifers 80 to 90

3II to 324, 280-285,

37I to 385,

First water at I5' feet.

Casing perforated

from ..... to ..... ft.

Size of perforations

(OVER)

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
	350-352	2'	Light yellow, white clay in sand & small gravel.
	352-355	3'	Light yellow muds & granite sands.
	355-370	I5'	Blue clay & granite sands.
	37I-385	4'	Water strata, golden mica, & granite sands.
	385-400	I5'	Light brown clay, purple clay chunks of mica. very soft.

Hole was abandoned because former wells drilled pumped too much mica with the water. Intend Installing a 20' length of Johnson well screen as soon as it arrives.

Pump test, water carries so much mica up casing causing bridging and loss of water.

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

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

WELL DRILLERS STATEMENT

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

Signed Warren A. Overholser
Well Driller

By.....

License No. 15

Dated July 30, 1947

(Not to be filled in by Driller)