

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

95842
 Log No. _____
 Rec. 4/21 1948
 Well No. _____
 Permit No. 12405
 33A Do not fill in

Owner T. C. Barber & A. L. Varnes Driller T. C. Barber
 Star Route
 Address Winnemucca, Nevada Address Same Lic. No. None

Location of well: SE ¼ NW ¼ Sec. 33, T. 42N/S, R. 37E, in Humboldt County
 or _____

Water will be used for Irrigation Total depth of well Hole 110 ft.
 Casing 88 ft.

Size of drilled hole 18 in. Weight of casing per linear foot ?

Thickness of casing 16 guage Temp. of water 52 degrees

Diameter and length of casing 18 in. by 88 ft.
 (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 36 ft.

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

Date of commencement of well 2-16-48 Date of completion of well 3-15-48

Type of well rig Keystone chumdrill and hand boring

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	2	2	Soil
2	3 1/2	1 1/2	Gravel
3 1/2	4 1/2	1	Soil
4 1/2	10 1/2	6	Gravel
10 1/2	18 1/2	8	Soil
18 1/2	36	17 1/2	Gravel (Water Level)
36	50	14	Good water gravel
50	51	1	Soil
51	57	6	Water gravel
57	60	3	Muddy gravel
60	61 1/2	1 1/2	Clay
61 1/2	65	3 3/4	Muddy gravel
65	68	3	Gravel and clay
68	74	6	Softer gravel and clay
74	80	6	Clay
80	85	5	Water gravel
85	92	7	Clay
92	98	6	Large Water gravel
98	107	9	Clay
107	110	3	Water gravel

18 in. casing goes to 69 feet
 14 in. casing goes to 88 feet
 Open hole goes to 93 feet. The hole from
 93 feet to 110 feet caved in.

Water-bearing Formation, Casing Perforations, Etc.

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

Other aquifers _____

First water at _____ feet.

Casing perforated
 from _____ to _____ ft.

Size of perforations _____

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.
18 in.	0	69	69	Welded joints
14 in.	53	88	35	Top is flared out. Balance is welded.

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

We have a 7 in. deep well turbine in this well. Have pumped it about 10 hours to date. At first it only held up to 250 to 300 gallons per minute. Now it holds up to over 300 gallons per minute. Water still comes out muddy.

WELL DRILLERS STATEMENT

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

Signed Theodore C. Barber
Well Driller

By _____

License No. None

Dated April 14, 1948

(Not to be filled in by Driller)

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