WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3997
Rec. Feb. 7 1958
Well No.
Permit No. x
Do not fill in

Owner Smokey Valley Water Co. Driller Harold A. Steiner

Address Box 348 Tonopah Nev. Address Orcana Ida. Lic. No. 276

Location of well: SW ¼ SW ¼ Sec. 35, T. 7 N/S, R. 42 E, in ~~Ouyhee~~ NYE County

or

Water will be used for irrigation Total depth of well 1420'

Size of drilled hole 6 inch Weight of casing per linear foot 12#

Thickness of casing 10 gauge Temp. of water 58° Appr.

Diameter and length of casing 7 3/4" 130'
(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 87'

If flowing well describe control works No
(Type and size of valve, etc.)

Date of commencement of well Dec 18, 1957 Date of completion of well Jan 12 1958

Type of well rig Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	31	31	Topsoil
31	38	7	gravel
38	120	82	clay with gravel (Adjust)
120	126	6	Bentonite
126	224	98	clay with streaks of sand
224	225½	1½	water bearing [illegible]
225½	248	22½	clay
248	261	13	fine sand (packed)
261	308	27	clay
308	410	102	sandy clay
410	412	2	sedimentary Rock
412	472	60	clay with sedim. clay (Adjust)
472	630	158	gravel clay
630	752½	122½	Sand stone
752½	775½	23	grey pumice stone
775½	777	1½	R.K.
777	870	112	clay
870	921	69	clayey sands
921	932	11	"
932	1044	112	sandstone (water)
1044	[illegible]	[illegible]	[illegible] (OVER) clay stone

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 224 to 225 ft.

Other aquifers 126'-224' [illegible]

[illegible] 932-1044

First water at 226 feet.

Casing perforated

from [illegible] to ft.

Size of perforations

919

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
1110	1130	20	Blue shale
1130	1138	8	Rock
1138	1190	52	Sandstone with clay
1190	1204	14	Shale
1204	1291	87	R.K. Red Rock
1291	1330	39	Brown shale
1330	1360	30	Grey shale
1360	1420	60	Blue shale
			Sandstone for the most part [illegible] with clays so contained [illegible]

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
7 3/4"	0	130	130	Cemented in impervious formation

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

Well was to be drilled to 2000 but was discontinued because of lack of funds. No pumping test was given but water bearing formations gave no indication of producing sufficient water for irrigation purposes. Probable production about 100 gal per minute.

WELL DRILLER'S STATEMENT

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

Signed Harold A. [illegible]
Well Driller

By [illegible]

License No. 276

Dated Jan 18, 1958

(Not to be filled in by Driller)

OFFICE
STATE ENGINEER

1958 FEB 7 AM 10 19