WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1139
Rec. 12/16 1949
Well No.
Permit No. 13117
Do not fill in

Owner C.E. & D.C. Elguist Driller The Tower Co
Address Oakley Idaho R.R. 1 Address Oakley Idaho Lic. No 88
Location of well: SW ¼ NE ¼ Sec. 15, T. 46 N/S, R 69 E, in Elko County
or State of Nevada

Water will be used for Irrigation and Domestic Total depth of well 247'
Size of drilled hole 16" Weight of casing per linear foot (16"-63 lb.) (12"-43 lb.)
Thickness of casing 16"-3/8" SW. 12"-5/16" SW Temp. of water 109.2°
Diameter and length of casing 16"-54'-4" — 12"-75'-2"
(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 1356 G.P.M. (over Weir)

If nonflowing well give depth of standing water from surface

If flowing well describe control works Larkin Disc Type Packer on 12" Caseing With gate valve
(Type and size of valve, etc.)

Date of commencement of well Sept. 10, 1949 Date of completion of well Nov. 24, 1949
Type of well rig 1948 Model Speed Star 83 Spudder.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	11	11	Black sandy soil
11	28	17	Blue clay + gravel (Caveing)
28	30	2	Tan clay + gravel
30	36	6	Redish Brown Clay + gravel (Fine)
36	45	9	Gray sandy Lime
45	61	16	" " " (Broken up)
61	91	30	Light gray " " (Solid very abrasive)
91	104	13	Brownish gray Lime (Broken)
104	107	3	" " " (Solid, cuttings fine)
107	128	21	" " " (Broken, light gray clay seams)
128	144	16	" " " (solid)
144	151	7	" " " (solid with trace of quartz)
151	161	10	" " " (Broken with clay seams)
161	200	39	Gray sand bearing water (Started flowing. 27 GPM.)
200	201	1	" " + gravel
201	206	5	Gray Lime (Broken) 450 G.P.M.
206	220	14	" " " (" Caveing)
220	247 Bottom of Hole.	27	Water increased to 1356 G.P.M. Temp 109.2°

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 200 to 247 ft.
Other aquifers Encountered First Water at 5' With S.W.L. of 3'-6" Which held until Well started Flowing
First water at 5 feet.

Casing perforated
from None 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.
16" I.D.	0	54'-4"		
12 I.D.	0	75-2	→	With Larkin Disc Type Packer. Shoesets at 80-1 Below 1st Flange on 12" Caseing at Surface. Set Packer Nov. 16, 1949. Ran 42-94 lb. bags Neet Cement above Packer to seal 12" caseing ~~in Hole, in case of Rubber failure as time~~ goes on.

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

No pump test was Made.
Water has sulphur odor, is Crystal Clear
Pressure Came to 3 lb. in one hour. When discharge
Connections Were Made Nov. 24, 1949. Pictures
Enclosed.

WELL DRILLERS STATEMENT

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

Signed The Tower Co
Well Driller

By Roy Locker

License No. 88

Dated Dec. 14, 1949.

(Not to be filled in by Driller)