

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1637
 Rec. 7/24 1951
 Well No.
 Permit No.

Do not fill in

Owner State Industrial School Driller Louis Clarkson

Address Elko, Nev. Address Elko, Nev. Lic. No. 4

Location of well: NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36, T. 25 N/S, R. 56 E, in Elko County

Water will be used for Irrigation Total depth of well 364 ft.

Size of drilled hole 12" Weight of casing per linear foot 40 lbs.

Thickness of casing $\frac{1}{4}$ " Temp. of water

Diameter and length of casing 12" 364'
(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 4.8 ft.

If flowing well describe control works

(Type and size of valve, etc.)

Date of commencement of well 4-16-51 Date of completion of well 5-12-51

Type of well rig Cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
	80		<i>Sand, gravel and clay</i>
80	93	13	<i>Gravel</i>
93	133	40	<i>yellow clay</i>
133	135	2	<i>Gravel</i>
135	156	21	<i>yellow clay</i>
156	161	5	<i>Gravel</i>
161	168	7	<i>yellow clay</i>
168	170	2	<i>Gravel</i>
170	177	7	<i>yellow clay</i>
177	187	10	<i>Gravel</i>
187	232	45	<i>yellow clay</i>
232	236	4	<i>Gravel</i>
236	240	4	<i>yellow clay</i>
240	243	3	<i>Gravel</i>
243	288	45	<i>Sandy yellow clay</i>
288	290	2	<i>Gravel</i>
290	317	27	<i>Sandy yellow clay</i>
317	319	2	<i>Gravel</i>
319	320	1	<i>clay</i>
320	340	20	<i>Gravel</i>
340	344	4	<i>yellow clay</i>
344	352	8	<i>Gravel</i>
352	354	2	<i>yellow clay</i>
354	356	2	<i>Gravel</i>

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 320 to 340 ft.

Other aquifers 156-161

177-187 344-352

358-363

First water at 70 feet.

Casing perforated

from 48 to 360 ft.

Size of perforations

$\frac{1}{4}$ x 5"

