

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3506
 Rec. Aug 2 1956
 Well No. _____
 Permit No. 16958

Do not fill in

Owner S.A. Camp Co's Driller Arthur F Loper
 Address T.S. Ranch Battle Mountain, Nevada Address Box 1302, Shafter, Calif. Lic. No. 253
 Location of well: $\frac{1}{4}$ ^{NE} $\frac{1}{4}$ Sec. 6, T. 34 N/S, R. 49 E, in Eureka, Boulder Flat County _____

Water will be used for Irrigation Total depth of well 496 ft

Size of drilled hole 16" Weight of casing per linear foot _____

Thickness of casing 3.52 ft 5/16 in 1.44 ft 1/2 in Temp. of water cold

Diameter and length of casing 16"
 (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 75ft

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

Date of commencement of well April 16, 1956 Date of completion of well May 18th

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	Top Soil
5	60	55	Gravel
60	70	10	Clay
70	85	15	Gravel Sand First Water
85	130	45	Clay
130	140	10	Gravel Sand
140	152	12	Clay
152	160	8	Gravel Sand
160	185	25	Clay
185	240	55	Gravel Sand
240	252	12	Clay
252	263	11	Gravel
263	271	8	Clay
271	282	11	Cemented Gravel
282	290	8	Rocky Clay
290	298	8	Cemented Gravel
298	307	9	Rocky Clay
307	322	15	Cemented Gravel
322	327	5	Rocky Clay
327	335	8	Cemented Gravel
335	338	3	Clay
338	345	7	Cemented Gravel
345	353	8	Hard Rocky Soil
353	360	7	Cemented Gravel
360	370	10	Rocky Clay
370	388	18	Cemented Gravel
388	400	12	Rocky Clay
400	410	10	Cemented Gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 78 to 496 ft.

Other aquifers _____

First water at 78 feet.

Casing perforated

from 144 to 481 ft.

Size of perforations

3/16

3506
LOG ~~3506~~

S. A. CAMP PUMP COMPANY
P. O. BOX BIN "D"
SHAFTER, CALIFORNIA

WELL TEST REPORT

Date 5/31/56

Customer T. S. Ranch

Address _____

Well No. _____ Location Nevada

Well Diameter 16" Total Depth 496'

Type Well (Cable or Rotary) Cable Driller Art Loper

Date Well Development Began 5/30 Time 9:00

Date Well Development Completed 5/30 Time 4:30

Hours Expended Developing Well 7½

Type Engine Used for Development Twin G. M. Diesel

WELL TEST RESULTS

Standing Water Level Before Development Began 80'

Standing Water Level After Completion of Development (5 Min. Recovery) 92'

	<u>2300</u>		<u>197</u>		<u>43</u>	
Air	<u>2175</u>	GPM at	<u>187</u>	Ft. at	<u>38</u>	In. Orifice Pr. GPM per Ft. D/D
Air	<u>2050</u>		<u>176</u>		<u>33</u>	
	<u>1890</u>	GPM at	<u>166</u>	Ft. at	<u>29</u>	In. Orifice Pr. GPM per Ft. D/D
	<u>1750</u>		<u>155</u>		<u>24</u>	
No	<u>1525</u>	GPM at	<u>146</u>	Ft. at	<u>19</u>	In. Orifice Pr. GPM per Ft. D/D
Air	<u>1315</u>		<u>136</u>		<u>14</u>	
	<u>1125</u>	GPM at	<u>128</u>	Ft. at	<u>10</u>	In. Orifice Pr. GPM per Ft. D/D

Average GPM per Ft. D/D _____ Size Pipe and Orifice Used 10 x 8½

Remarks _____

Well Developed by Carrol