WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

#1 Near Fallon

Log No. 446
Rec. 4/19 1948
Well No.
Permit No. 13576

Do not fill in

Owner Breakaheart Big Ranch Driller John Chamberlain
Address Clayton Nevada Address R.R.D. 7 Box 150-B Reno, Nev. Lic. No. 29
Location of well: ¼NW¼ Sec. 13, T. 16 N/S, R. 21 E, in Lyon County
or
Water will be used for IRRIGATION Total depth of well 264 feet.
Size of drilled hole 16" Weight of casing per linear foot 49.3
Thickness of casing 10 gauge Temp. of water
Diameter and length of casing 16" OD 262' 8"
(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 Fifteen feet.
If flowing well describe control works
(Type and size of valve, etc.)
Date of commencement of well Jan. 9, 1948 Date of completion of well Feb. 25, 1948
Type of well rig Bucyrus Erie 24 h. Spudders.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	10	10	overburden (gravel)
10	20	10	sand and gravel.
20	30	10	heavy gravel
30	40	10	heavy gravel
40	50	10	gravel & Boulders
50	60	10	sand, gravel & Boulders
60	70	10	sand, gravel & Boulders
70	76	6	sand, gravel & Boulders
76	80	4	gravelly clay. —
80	90	10	gravel & sand.
90	100	10	gravel & small Boulders
100	110	10	gravel & silty sand.
110	120	10	sand, gravel & sm. Boulders
120	130	10	sand, gravel & sm Boulders
130	139	9	large & small gravel
139	140	1	silty clay
140	143	3	large gravel & sand.
143	148	5	Cemented gravel & Boulders
148	158	10	gravel & Boulders

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 100' to 255' ft.
Other aquifers sand & gravel from 30' to 100' also carries some water.
First water at 30 feet.

Casing perforated
from 100' to 248 ft.

Size of perforations
1/8 by 1" (temporary)

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
158	162	4	gravel & Boulders
162	165	3	gravelly clay
165	175	10	sand & gravel
175	185	10	sand & gravel
185	195	10	sand & gravel
195	205	10	sand & gravel
205	215	10	sand & gravel
215	225	10	sand & gravel
225	230	5	sand & gravel w/ eths of clay.
230	240	10	heaving sand & gravel
240	250	10	cemented gravel & sand
250	252	2	sand & gravel
252	258	6	sand & gravel w/ sm. eths of clay
258	264	6	sand & gravel slightly cemented & clayish.

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

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

Pumped 800 gpm - air compressor - drawdown 67'

WELL DRILLERS STATEMENT

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

Signed [signature]
Well Driller

By.....

License No. 29

Dated....., 194.....

OFFICE STATE ENGINEER
APR 19 '48
RECEIVED
ANS.

(Not to be filled in by Driller)