

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **078135**

LEASE OR PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **J. Glenn Turner** Address **Box 728 - Farmington, New Mexico**
Lessor or Tract **Crandall- Federal** Field **Wildcat** State **New Mexico**
Well No. **1-3** Sec. **3** T. **26N** R. **9W** Meridian **E.M.P.M.** County **San Juan**
Location **990** ft. **N.** of **S** Line and **990** ft. **E.** of **W** Line of **Sec. 3** Elevation **6,330**
(Herrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date **January 17, 1955****C. Benson Neal, Agent in Farmington**

The summary on this page is for the condition of the well at above date.

Commenced drilling **November 23, 1954** Finished drilling **December 19, 1955**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2,048** to **2,155** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	21 1/2	8	W. F. A. I.	None	None	None			Surface
5-1/2"	15 1/2	8	W. F. A. I.	2,048-2,155	None	None			Production
1"	3 1/2	8	W. F. A. I.	2,155-2,155	None	None			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-1/8"	95' g.l.	100	Halliburton		Mostly water
5-1/2"	2,065' g.l.	100	Halliburton		Mostly water

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		O. W. R. nitro	195	12-18-54	2073-2152	2,155'
		5,000 gal. diesel & 8000# sand	1	12-22-54	2068-2155	2,155'

Treated with **5,000 gal. diesel & 8000# sand** 1 **12-22-54** **2068-2155** **2,155'** Flushed with **2520 gal. Diesel** pressure **800#** Treating max. **1000#** Injection **1 1/2 bbl/min.**

TOOLS USED

Rotary tools were used from **0** feet to **2,071** feet, and from _____ feet to _____ feet
Cable tools were used from **2,071** feet to **2,155** feet, and from _____ feet to _____ feet

Tested:

DATES

Shut in to await pipe line

December 30, 1954Put to producing **December 23, 1954**

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **1,505 mcf/d** (3 hour test) Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **640 psig.**

EMPLOYEES

Benson-Martin - Rotary, Driller **McConnell, Incorporated - Cable** Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	916	916	Sand & Shale
916	1002	86	Sand & Shale
1002	2071	1069	Sand, Shale & Coal
2071	2155	84	Sand, Top of shale
			2048

[OVER]

16-48004-3

FORMATION RECORD—Continued

RECEIVED
OIL CON. DIST. 3
JAN 4 1955

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
Signed _____
Date _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
Completed _____

OIL OR GAS SANDS OR ZONES			
(Denote gas by G)			
No. 1, from _____	to _____	No. 4, from _____	to _____
No. 2, from _____	to _____	No. 5, from _____	to _____
No. 3, from _____	to _____	No. 6, from _____	to _____
IMPORTANT WATER SANDS			
No. 1, from _____	to _____	No. 3, from _____	to _____
No. 2, from _____	to _____	No. 4, from _____	to _____

CASING RECORD					
Casing size	Weight per foot	Thread per foot	Make	Amount	Kind of shoe
					Cut and pulled from
					Perforated
					Purpose

It is the policy of the Bureau to have a complete record of the well. Please state in detail the dates of redrilling, casing, and other work done on the well. If any changes were made in the casing, state fully, and if any casing was added, state the date, size, and number of joints added.

MUDDING AND CEMENTING RECORD					
Casing size	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS					

SHOOTING RECORD					
Size	Shell used	Explosive used	Quantity	Date	Depth shot
					Depth cleared out

TOOLS USED					

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Tested: _____
The production for the first 24 hours was _____ barrels of fluid oil, _____ barrels of gas, and _____ barrels of water.
If gas well, on the per 24 hours _____ barrels of gas, _____ barrels of fluid oil, and _____ barrels of water.
Rock pressure, lbs. per sq. in. _____

FORMATION RECORD					

FORMATION			
FROM-	TO-	TOTAL FEET	
10.0	10.5	0.5	
10.5	11.0	0.5	
11.0	11.5	0.5	
11.5	12.0	0.5	
12.0	12.5	0.5	
12.5	13.0	0.5	
13.0	13.5	0.5	
13.5	14.0	0.5	
14.0	14.5	0.5	
14.5	15.0	0.5	
15.0	15.5	0.5	
15.5	16.0	0.5	
16.0	16.5	0.5	
16.5	17.0	0.5	
17.0	17.5	0.5	
17.5	18.0	0.5	
18.0	18.5	0.5	
18.5	19.0	0.5	
19.0	19.5	0.5	
19.5	20.0	0.5	
20.0	20.5	0.5	
20.5	21.0	0.5	
21.0	21.5	0.5	
21.5	22.0	0.5	
22.0	22.5	0.5	
22.5	23.0	0.5	
23.0	23.5	0.5	
23.5	24.0	0.5	
24.0	24.5	0.5	
24.5	25.0	0.5	
25.0	25.5	0.5	
25.5	26.0	0.5	
26.0	26.5	0.5	
26.5	27.0	0.5	
27.0	27.5	0.5	
27.5	28.0	0.5	
28.0	28.5	0.5	
28.5	29.0	0.5	
29.0	29.5	0.5	
29.5	30.0	0.5	
30.0	30.5	0.5	
30.5	31.0	0.5	
31.0	31.5	0.5	
31.5	32.0	0.5	
32.0	32.5	0.5	
32.5	33.0	0.5	
33.0	33.5	0.5	
33.5	34.0	0.5	
34.0	34.5	0.5	
34.5	35.0	0.5	
35.0	35.5	0.5	
35.5	36.0	0.5	
36.0	36.5	0.5	
36.5	37.0	0.5	
37.0	37.5	0.5	
37.5	38.0	0.5	
38.0	38.5	0.5	
38.5	39.0	0.5	
39.0	39.5	0.5	
39.5	40.0	0.5	
40.0	40.5	0.5	
40.5	41.0	0.5	
41.0	41.5	0.5	
41.5	42.0	0.5	
42.0	42.5	0.5	
42.5	43.0	0.5	
43.0	43.5	0.5	
43.5	44.0	0.5	
44.0	44.5	0.5	
44.5	45.0	0.5	
45.0	45.5	0.5	
45.5	46.0	0.5	
46.0	46.5	0.5	
46.5	47.0	0.5	
47.0	47.5	0.5	
47.5	48.0	0.5	
48.0	48.5	0.5	
48.5	49.0	0.5	
49.0	49.5	0.5	
49.5	50.0	0.5	
50.0	50.5	0.5	
50.5	51.0	0.5	
51.0	51.5	0.5	
51.5	52.0	0.5	
52.0	52.5	0.5	
52.5	53.0	0.5	
53.0	53.5	0.5	
53.5	54.0	0.5	
54.0	54.5	0.5	
54.5	55.0	0.5	
55.0	55.5	0.5	
55.5	56.0	0.5	
56.0	56.5	0.5	
56.5	57.0	0.5	
57.0	57.5	0.5	
57.5	58.0	0.5	
58.0	58.5	0.5	
58.5	59.0	0.5	
59.0	59.5	0.5	
59.5	60.0	0.5	
60.0	60.5	0.5	
60.5	61.0	0.5	
61.0	61.5	0.5	
61.5	62.0	0.5	
62.0	62.5	0.5	
62.5	63.0	0.5	
63.0	63.5	0.5	
63.5	64.0	0.5	
64.0	64.5	0.5	
64.5	65.0	0.5	
65.0	65.5	0.5	
65.5	66.0	0.5	
66.0	66.5	0.5	
66.5	67.0	0.5	
67.0	67.5	0.5	
67.5	68.0	0.5	
68.0	68.5	0.5	
68.5	69.0	0.5	
69.0	69.5	0.5	
69.5	70.0	0.5	
70.0	70.5	0.5	
70.5	71.0	0.5	
71.0	71.5	0.5	
71.5	72.0	0.5	
72.0	72.5	0.5	
72.5	73.0	0.5	
73.0	73.5	0.5	
73.5	74.0	0.5	
74.0	74.5	0.5	
74.5	75.0	0.5	
75.0	75.5	0.5	
75.5	76.0	0.5	
76.0	76.5	0.5	
76.5	77.0	0.5	
77.0	77.5	0.5	
77.5	78.0	0.5	
78.0	78.5	0.5	
78.5	79.0	0.5	
79.0	79.5	0.5	
79.5	80.0	0.5	
80.0	80.5	0.5	
80.5	81.0	0.5	
81.0	81.5	0.5	
81.5	82.0	0.5	
82.0	82.5	0.5	
82.5	83.0	0.5	
83.0	83.5	0.5	
83.5	84.0	0.5	
84.0	84.5	0.5	
84.5	85.0	0.5	
85.0	85.5	0.5	
85.5	86.0	0.5	
86.0	86.5	0.5	
86.5	87.0	0.5	
87.0	87.5	0.5	
87.5	88.0	0.5	
88.0	88.5	0.5	
88.5	89.0	0.5	
89.0	89.5	0.5	
89.5	90.0	0.5	
90.0	90.5	0.5	
90.5	91.0	0.5	
91.0	91.5	0.5	
91.5	92.0	0.5	
92.0	92.5	0.5	
92.5	93.0	0.5	
93.0	93.5	0.5	
93.5	94.0	0.5	
94.0	94.5	0.5	
94.5	95.0	0.5	
95.0	95.5	0.5	
95.5	96.0	0.5	
96.0	96.5	0.5	
96.5	97.0	0.5	
97.0	97.5	0.5	
97.5	98.0	0.5	
98.0	98.5	0.5	
98.5	99.0	0.5	
99.0	99.5	0.5	
99.5	100.0	0.5	
100.0	100.5	0.5	
100.5	101.0	0.5	
101.0	101.5	0.5	
101.5	102.0	0.5	
102.0	102.5	0.5	
102.5	103.0	0.5	
103.0	103.5	0.5	
103.5	104.0	0.5	
104.0	104.5	0.5	
104.5	105.0	0.5	
105.0	105.5	0.5	
105.5	106.0	0.5	
106.0	106.5	0.5	
106.5	107.0	0.5	
107.0	107.5	0.5	
107.5	108.0	0.5	
108.0	108.5	0.5	
108.5	109.0	0.5	
109.0	109.5	0.5	
109.5	110.0	0.5	
110.0	110.5	0.5	
110.5	111.0	0.5	
111.0	111.5	0.5	
111.5	112.0	0.5	
112.0	112.5	0.5	
112.5	113.0	0.5	
113.0	113.5	0.5	
113.5	114.0	0.5	
114.0	114.5	0.5	
114.5	115.0	0.5	
115.0	115.5	0.5	
115.5	116.0	0.5	
116.0	116.5	0.5	
116.5	117.0	0.5	
117.0	117.5	0.5	
117.5	118.0	0.5	
118.0	118.5	0.5	
118.5	119.0	0.5	
119.0	119.5	0.5	
119.5	120.0	0.5	
120.0	120.5	0.5	
120.5	121.0	0.5	
121.0	121.5	0.5	
121.5	122.0	0.5	
122.0	122.5	0.5	
122.5	123.0	0.5	
123.0	123.5	0.5	
123.5	124.0	0.5	
124.0	124.5	0.5	
124.5	125.0	0.5	
125.0	125.5	0.5	
125.5	126.0	0.5	
126.0	126.5	0.5	
126.5	127.0	0.5	
127.0	127.5	0.5	
127.5	128.0	0.5	
128.0	128.5	0.5	
128.5	129.0	0.5	
129.0	129.5	0.5	
129.5	130.0	0.5	
130.0	130.5	0.5	
130.5	131.0	0.5	
131.0	131.5	0.5	
131.5	132.0	0.5	
132.0	132.5	0.5	
132.5	133.0	0.5	
133.0	133.5	0.5	
133.5	134.0	0.5	
134.0	134.5	0.5	
134.5	135.0	0.5	
135.0	135.5	0.5	
135.5	136.0	0.5	
136.0	136.5	0.5	
136.5	137.0	0.5	
137.0	137.5	0.5	
137.5	138.0	0.5	
138.0	138.5	0.5	
138.5	139.0	0.5	
139.0	139.5	0.5	
139.5	140.0	0.5	
140.0	140.5	0.5	
140.5	141.0	0.5	
141.0	141.5	0.5	
141.5	142.0	0.5	
142.0	142.5	0.5	
142.5	143.0	0.5	
143.0	143.5	0.5	
143.5	144.0	0.5	
144.0	144.5	0.5	
144.5	145.0	0.5	
145.0	145.5	0.5	
145.5	146.0	0.5	
146.0	146.5	0.5	
146.5	147.0	0.5	
147.0	147.5	0.5	
147.5	148.0	0.5	
148.0	148.5	0.5	
148.5	149.0	0.5	
149.0	149.5	0.5	
149.5	150.0	0.5	
150.0	150.5	0.5	
150.5	151.0	0.5	
151.0	151.5	0.5	
151.5	152.0	0.5	
152.0	152.5	0.5	
152.5	153.0	0.5	
153.0	153.5	0.5	
153.5	154.0	0.5	
154.0	154.5	0.5	
154.5	155.0	0.5	