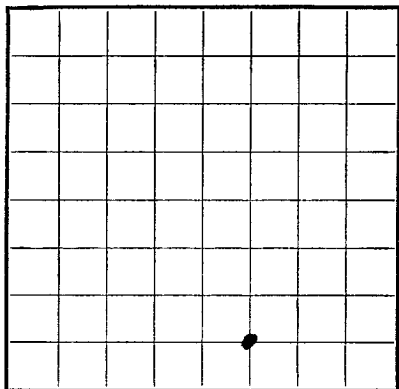




LOCATE WELL CORRECTLY

HOBBS
U. S. LAND OFFICE
HOBBS OFFICE OCC NM 029050
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
1959 AUG 25
RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
U. S. ARMY
RECEIVED
AUG 17 1959

LOG OF OIL OR GAS WELL

Company Joseph I. O'Neill, Jr. Address 410 West Ohio Midland, Texas
Lessor or Tract Federal "F" Field Jalmai State New Mexico
Well No. 1 Sec. 29 T. 26S R. 37E Meridian NMNP County Lea
Location 660 ft. XX of S. Line and 1980 ft. E. of X. Line of Sec. 29 Elevation 2947' GL
(Derrick 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 Roy L. Blanto

Date 7-16-59 Title Production Clerk

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

Commenced drilling May 30, 19 59 Finished drilling _____, 19 _____

REXOR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3034 to 3044-G 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 None 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—	
<u>8-5/8 244</u>	<u>8</u>	<u>J-55</u>	<u>582.49</u>	<u>582.49</u>	<u>Baker</u>	<u>3034</u>	<u>3044</u>	<u>Surface</u>	<u>Oil String</u>
<u>5-1/2 144</u>	<u>8</u>	<u>J-55</u>	<u>3134.79</u>	<u>3134.79</u>	<u>Baker</u>	<u>3034</u>	<u>3044</u>	<u>Surface</u>	<u>Oil String</u>
<u>2-3/8 4.7</u>	<u>8</u>	<u>J-55</u>	<u>2988.57</u>	<u>2988.57</u>	<u>Baker</u>	<u>3034</u>	<u>3044</u>	<u>Surface</u>	<u>Tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>593.49 RDB</u>	<u>400</u>	<u>pump method</u>	<u>circulated</u>	<u>circulated</u>
<u>5-1/2</u>	<u>3131.79 RDB</u>	<u>125</u>	<u>pump method</u>	<u>circulated</u>	<u>circulated</u>

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

TOOLS USED

Rotary tools were used from 0 feet to 3308 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 16, 19 59 Put to producing July 14, 19 59

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 2,200 Gallons gasoline per 1,000 cu. ft. of gas None

Rock pressure, lbs. per sq. in. 648.2

EMPLOYEES

Buffalo Drilling, Inc., Driller _____, Driller
P.O. Box 831, Driller _____, Driller
Kermit, Texas, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>915</u>	<u>915</u>	<u>Red Rock</u>
<u>915</u>	<u>2414</u>	<u>1499</u>	<u>Salt & Anhy.</u>
<u>2414</u>	<u>2901</u>	<u>487</u>	<u>Salt & Anhy.</u>
<u>2901</u>	<u>2980</u>	<u>79</u>	<u>Lime</u>
<u>2980</u>	<u>3138</u>	<u>158</u>	<u>Sand & Lime</u>
<u>3138</u>	<u>3308</u>	<u>170</u>	<u>Sand & Lime</u>

Base of Salt 2870' Samples
Top of Yates 2974' Log
29

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
35.0	35.0	0.0	Gravelly sand
35.0	35.5	0.5	Gravelly sand
35.5	36.0	0.5	Gravelly sand
36.0	36.5	0.5	Gravelly sand
36.5	37.0	0.5	Gravelly sand
37.0	37.5	0.5	Gravelly sand
37.5	38.0	0.5	Gravelly sand
38.0	38.5	0.5	Gravelly sand
38.5	39.0	0.5	Gravelly sand
39.0	39.5	0.5	Gravelly sand
39.5	40.0	0.5	Gravelly sand
40.0	40.5	0.5	Gravelly sand
40.5	41.0	0.5	Gravelly sand
41.0	41.5	0.5	Gravelly sand
41.5	42.0	0.5	Gravelly sand
42.0	42.5	0.5	Gravelly sand
42.5	43.0	0.5	Gravelly sand
43.0	43.5	0.5	Gravelly sand
43.5	44.0	0.5	Gravelly sand
44.0	44.5	0.5	Gravelly sand
44.5	45.0	0.5	Gravelly sand
45.0	45.5	0.5	Gravelly sand
45.5	46.0	0.5	Gravelly sand
46.0	46.5	0.5	Gravelly sand
46.5	47.0	0.5	Gravelly sand
47.0	47.5	0.5	Gravelly sand
47.5	48.0	0.5	Gravelly sand
48.0	48.5	0.5	Gravelly sand
48.5	49.0	0.5	Gravelly sand
49.0	49.5	0.5	Gravelly sand
49.5	50.0	0.5	Gravelly sand
50.0	50.5	0.5	Gravelly sand
50.5	51.0	0.5	Gravelly sand
51.0	51.5	0.5	Gravelly sand
51.5	52.0	0.5	Gravelly sand
52.0	52.5	0.5	Gravelly sand
52.5	53.0	0.5	Gravelly sand
53.0	53.5	0.5	Gravelly sand
53.5	54.0	0.5	Gravelly sand
54.0	54.5	0.5	Gravelly sand
54.5	55.0	0.5	Gravelly sand
55.0	55.5	0.5	Gravelly sand
55.5	56.0	0.5	Gravelly sand
56.0	56.5	0.5	Gravelly sand
56.5	57.0	0.5	Gravelly sand
57.0	57.5	0.5	Gravelly sand
57.5	58.0	0.5	Gravelly sand
58.0	58.5	0.5	Gravelly sand
58.5	59.0	0.5	Gravelly sand
59.0	59.5	0.5	Gravelly sand
59.5	60.0	0.5	Gravelly sand
60.0	60.5	0.5	Gravelly sand
60.5	61.0	0.5	Gravelly sand
61.0	61.5	0.5	Gravelly sand
61.5	62.0	0.5	Gravelly sand
62.0	62.5	0.5	Gravelly sand
62.5	63.0	0.5	Gravelly sand
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63.5	64.0	0.5	Gravelly sand
64.0	64.5	0.5	Gravelly sand
64.5	65.0	0.5	Gravelly sand
65.0	65.5	0.5	Gravelly sand
65.5	66.0	0.5	Gravelly sand
66.0	66.5	0.5	Gravelly sand
66.5	67.0	0.5	Gravelly sand
67.0	67.5	0.5	Gravelly sand
67.5	68.0	0.5	Gravelly sand
68.0	68.5	0.5	Gravelly sand
68.5	69.0	0.5	Gravelly sand
69.0	69.5	0.5	Gravelly sand
69.5	70.0	0.5	Gravelly sand
70.0	70.5	0.5	Gravelly sand
70.5	71.0	0.5	Gravelly sand
71.0	71.5	0.5	Gravelly sand
71.5	72.0	0.5	Gravelly sand
72.0	72.5	0.5	Gravelly sand
72.5	73.0	0.5	Gravelly sand
73.0	73.5	0.5	Gravelly sand
73.5	74.0	0.5	Gravelly sand
74.0	74.5	0.5	Gravelly sand
74.5	75.0	0.5	Gravelly sand
75.0	75.5	0.5	Gravelly sand
75.5	76.0	0.5	Gravelly sand
76.0	76.5	0.5	Gravelly sand
76.5	77.0	0.5	Gravelly sand
77.0	77.5	0.5	Gravelly sand
77.5	78.0	0.5	Gravelly sand
78.0	78.5	0.5	Gravelly sand
78.5	79.0	0.5	Gravelly sand
79.0	79.5	0.5	Gravelly sand
79.5	80.0	0.5	Gravelly sand
80.0	80.5	0.5	Gravelly sand
80.5	81.0	0.5	Gravelly sand
81.0	81.5	0.5	Gravelly sand
81.5	82.0	0.5	Gravelly sand
82.0	82.5	0.5	Gravelly sand
82.5	83.0	0.5	Gravelly sand
83.0	83.5	0.5	Gravelly sand
83.5	84.0	0.5	Gravelly sand
84.0	84.5	0.5	Gravelly sand
84.5	85.0	0.5	Gravelly sand
85.0	85.5	0.5	Gravelly sand
85.5	86.0	0.5	Gravelly sand
86.0	86.5	0.5	Gravelly sand
86.5	87.0	0.5	Gravelly sand
87.0	87.5	0.5	Gravelly sand
87.5	88.0	0.5	Gravelly sand
88.0	88.5	0.5	Gravelly sand
88.5	89.0	0.5	Gravelly sand
89.0	89.5	0.5	Gravelly sand
89.5	90.0	0.5	Gravelly sand
90.0	90.5	0.5	Gravelly sand
90.5	91.0	0.5	Gravelly sand
91.0	91.5	0.5	Gravelly sand
91.5	92.0	0.5	Gravelly sand
92.0	92.5	0.5	Gravelly sand
92.5	93.0	0.5	Gravelly sand
93.0	93.5	0.5	Gravelly sand
93.5	94.0	0.5	Gravelly sand
94.0	94.5	0.5	Gravelly sand
94.5	95.0	0.5	Gravelly sand
95.0	95.5	0.5	Gravelly sand
95.5	96.0	0.5	Gravelly sand
96.0	96.5	0.5	Gravelly sand
96.5	97.0	0.5	Gravelly sand
97.0	97.5	0.5	Gravelly sand
97.5	98.0	0.5	Gravelly sand
98.0	98.5	0.5	Gravelly sand
98.5	99.0	0.5	Gravelly sand
99.0	99.5	0.5	Gravelly sand
99.5	100.0	0.5	Gravelly sand

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "stretched" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

WATER BANDS
No. 1 from 120.0 to 120.5
No. 2 from 120.5 to 121.0
No. 3 from 121.0 to 121.5
No. 4 from 121.5 to 122.0
No. 5 from 122.0 to 122.5
No. 6 from 122.5 to 123.0
No. 7 from 123.0 to 123.5
No. 8 from 123.5 to 124.0
No. 9 from 124.0 to 124.5
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No. 316 from 277.5 to 278.0
No. 317 from 278.0 to 278.5
No. 318 from 278.5 to 279.0
No. 319 from 279.0 to 279.5
No. 320 from 279.5 to 280.0
No. 321 from 280.0 to 280.5
No. 322 from 280.5 to 281.0
No. 323 from 281