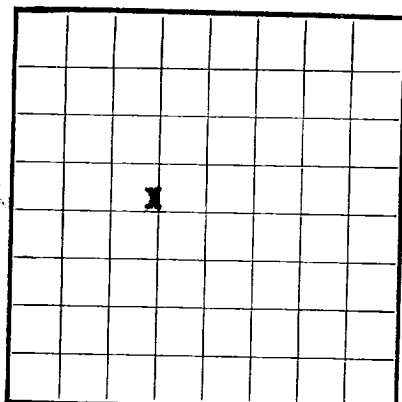


U. S. LAND OFFICE L.C.SERIAL NUMBER 070311

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 10 1956

LOG OF OIL OR GAS WELL

Company Murphy H. Baxter Address 107 Allen Building, Midland, Texas
Lessor or Tract Federal Turner Field Texas State New Mexico
Well No. 2-13 Sec. 13 T. 208R 31E Meridian NM PM County Lea
Location 1980 ft. N. of XXX Line and 990 ft. E. of XXX Line of XXX Elevation 2604
(Derrick floor relative to 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 [Signature]Date July 17, 1956Title Petroleum Engineer

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

Commenced drilling May 21, 1956 Finished drilling July 14, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3236' to 3290' No. 4, from _____ to _____
No. 2, from 3297' to 3330' 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—	
<u>8 5/8"</u>	<u>24</u>	<u>4 1/2"</u>	<u>1-55</u>	<u>1510'</u>	<u>Baker</u>	<u>All logs left</u>			
<u>5 7/8"</u>	<u>18</u>	<u>4 1/2"</u>	<u>1-55</u>	<u>3251-3330'</u>	<u>Baker</u>	<u>In hole</u>			
					<u>Pattern</u>				
					<u>HIPLOK OF OIL OR GAS WELLS</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>1510</u>	<u>450</u> <u>sz</u> , <u>4 1/2</u> gal	<u>B.J. Cementing Service</u>	<u>9.5#/gal</u>	<u>Circ. cnt.</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 1510 feet, and from _____ feet to _____ feet
Cable tools were used from 1510 feet to 3330 feet, and from _____ feet to _____ feet

DATES

Put to producing July 14, 1956, 1956

The production for the first 24 hours was 61 barrels of fluid of which 98.8 % was oil; _____ %
emulsion; 0.2 % water; and _____ % sediment. Gravity, °Bé. 31

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

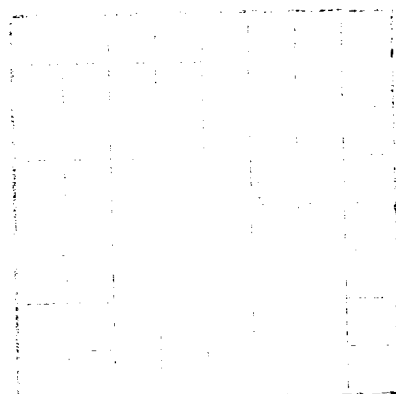
EMPLOYEES

Gene Thomas, Driller J. R. Kinard, Driller
P. J. Thomas, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	125	125	Sand, caliche
125	1300	1235	red beds
1300	1450	70	dolomite, anhy
1450	1500	50	anhy
1500	1505	5	red rock
1505	1550	45	anhy
1550	1600	70	salt, anhy
1600	1630	10	red rock salt
1630	1645	15	anhy
1645	1750	105	red bed
1750	1790	40	anhy
1790	1845	45	salt, anhy
1845	1880	35	salt, potash, shale
1880	1915	35	anhy
1915	2000	85	salt, r.v.
2000	2015	15	salt, anhy
2015	2040	45	salt, anhy, shells
2040	2100	40	salt
2100	2115	15	salt, potash
2115	2130	15	anhy
2130	2200	70	salt
2200	2245	45	salt, red shale
2245	2285	40	salt, potash

[OVER]



1777 261 100 000 90 000

The information in this document is intended to be used for the purpose of the project and is not to be used for any other purpose. The information is not to be used for any other purpose. The information is not to be used for any other purpose.

.....

REVENUE DEPARTMENT

()

No. 1, from _____ to _____, 1907
No. 2, from _____ to _____, 1907
No. 3, from _____ to _____, 1907

REVENUE DEPARTMENT

No. 1, from _____ to _____, 1907
No. 2, from _____ to _____, 1907
No. 3, from _____ to _____, 1907

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 added, state the reasons for the work and its results. 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. All casing strings were bailed dry and tested for 3 hours to see if any water would enter casing, and casing tested airtight. The pay zone from 3236-3330 was fracked with 10,000 gal. of sand-oil using 1/2 sand/oil ratio. This well was not side tracked, and no additional plugs or any type of equipment was left in hole.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

[illegible]