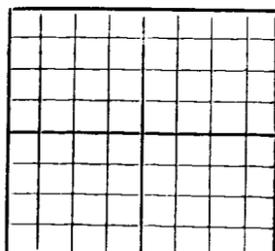


N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company The Midwest Refining Company Address Denver, Colorado.
 Send correspondence to The Midwest Ref., Co., Address Robbs, New Mexico.
Therpe Well No. 11 in SW 1/4 of Sec. 10, T. 19
30, N. M. P. M., Robbs Oil Field Lea County.
 If State land the oil and gas lease is No. _____ Assignment No. _____
 If patented land the owner is B.L. Therpe Address _____
 The lessee is The Midwest Refining Company Address Denver, Colorado.
 If not state or patented land, give status _____
 Drilling commenced November 3, 19 30 Drilling was completed January 19, 19 31
 Name of drilling contractor Glean Drilling Co., Address Tulsa, Okla.
 Elevation above sea level at top of casing 5000. feet.
 The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 0 2940 to _____ No. 4, from _____ to _____
 No. 2, from 0 4110 to 4008 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 95 to 161 No. 3, from _____ to _____
 No. 2, from 3810 to 3888 No. 4, from _____ to _____

ILLEGIBLE

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>10"</u>	<u>70</u>	<u>8</u>	<u>HW</u>	<u>100'</u>	<u>HW</u>				
<u>10-3/4"</u>	<u>45.5</u>	<u>8</u>	<u>HW</u>	<u>1800'</u>	<u>Plain</u>				
<u>8-3/8"</u>	<u>35.</u>	<u>10</u>	<u>HW</u>	<u>4000'</u>	<u>Plain</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10"</u>	<u>100'</u>	<u>100</u>	<u>Halliburton</u>		
<u>10-3/4"</u>	<u>1800-7"</u>	<u>75</u>	<u>Halliburton</u>		
<u>8-3/8"</u>	<u>4000'</u>	<u>75</u>	<u>Halliburton</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 00 feet to 1500 feet, and from _____ feet to _____ feet
 Cable tools were used from Surface feet to 90 feet, and from 1808 feet to 4008 feet

PRODUCTION

Put to producing January 1931, 19 31 On 6 hr production test thru 8-3" choke 1-27-31
 The production rate for 24 hours was 681 barrels of fluid of which 100 % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, Be 35.3
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Glean Drilling Company, Driller Tulsa, Okla., Driller _____
 _____, Driller _____, Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 6th Name Tam Sester
 day of February, 1931 Position Field Superintendent
W.D. Smith Representing The Midwest Refining Company
 Notary Public. Company or Operator

My commission expires Oct. 17, 1934

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	23	23	Galecks
23	28	55	Lime and sand
28	38	10	Hard lime
38	121	83	Sand and shells (Water?)
121	211	90	Red beds
211	274	63	Red beds and lime shells
274	345	71	Red beds and broken lime
345	408	63	Red beds
408	504	96	Red beds and lime shells
504	1078	574	Broken lime and red beds
1078	1261	183	Red beds and lime shells
1261	1307	46	Broken lime and red beds
1307	1341	34	Hard lime
1341	1385	44	Broken lime and red beds
1385	1398	13	Red beds and shells
1398	1454	56	Red beds and broken lime
1454	1499	45	Lime shells, red beds and potash
1499	1527	28	Broken lime and red beds
1527	1534	7	Hard red rock and streaks of shale
1534	1578	44	Broken lime and red beds
1578	1588	10	Anhydrite
1588	1600	12	Lime
1600	1710	110	Red rock and salt
1710	1800	90	Salt
1800	2278	478	Salt and red rock
2278	2310	32	Red rock, salt and lime shells
2310	2400	90	Salt and red rock
2400	2708	308	Red rock
2708	2738	30	Anhydrite
2738	2738	0	Shale
2738	2828	90	Red rock, (hole casing)
2828	2840	12	Lime (Gas at 2840)
2840	3100	260	Anhydrite
3100	4100	1000	Lime. Water from 3210 to 3225; Oil show from 4110 to 4190
4100	4202	102	Lime - Total depth.

(Preparation test 221 (ble))

Received of the Midwest Refining Company
log of Borpe 11, No. 10 71, 133.

J. P. Sullivan
State as Oil Insp.