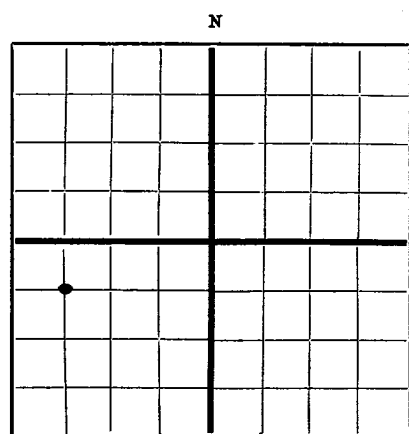


TRIPPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
SEP 18 1947
HOBBES OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

WOLFE OIL COMPANY

HOBBS, NEW MEXICO

Company or Operator WOLFE OIL COMPANY Address HOBBS, NEW MEXICO
Lease 367 Well No. 2 in 36 of Sec. 36, T. 21S
R. 37S, N. M. P. M. Richard Field, Lee County.
Well is 1980 feet South of the Section line and 660 feet East of the Section line of Sec. 36
If State land the oil and gas lease is No. 367 Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is _____ Address _____
Drilling commenced 5/29/47 19____ Drilling was completed 8/20/47 19____
Name of drilling contractor Samper Drilling Co. Address Tulsa, Okla.
Elevation above sea level at top of casing 3367 feet.
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 6411 to 6521 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>13 3/8</u>	<u>48 H40 8RT 12.5</u>			<u>301</u>	<u>none</u>				
<u>9 5/8"</u>	<u>40 J55 8RT 40</u>			<u>2797</u>	<u>Float</u>				
<u>7"</u>	<u>26 H80 8RT 40</u>			<u>996 (bottom)</u>					
	<u>23 J55 8RT 40</u>			<u>5600 (top)</u>					
				<u>6596</u>	<u>Float</u>				
<u>2" 3/4</u>	<u>4.7 J55 8RT 12.5</u>			<u>6535</u>					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17 1/2</u>	<u>13 3/8</u>	<u>301</u>	<u>300</u>	<u>Ballston</u>		
<u>12 3/4"</u>	<u>9 5/8"</u>	<u>2797</u>	<u>1000</u>	<u>do</u>		
<u>8 1/4</u>	<u>7"</u>	<u>596</u>	<u>500</u>	<u>do</u>		

PLUGS AND ADAPTERS

Heaving plug—Material none Length _____ Depth Set _____
Adapters — Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		<u>15# acid</u>	<u>2000</u>	<u>8/26</u>	<u>6473-6521</u>	
		<u>15# "</u>	<u>1000</u>	<u>8/28</u>	<u>do</u>	

Results of shooting or chemical treatment 151 gal. 19 hrs.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to 7575 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Sept. 1st, 1947 19____
The production of the first 24 hours was 151 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Mr. H. A. Dellar Driller Mr. Ben Lewis Driller
Mr. E. L. White 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 16th day of September, 19 47
Name W. J. O'Brien
Position Asst. Sec.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	80	80	Sand & Caliche
80	315	235	Red bed & Shells
315	1230	915	Red bed & Shells
1230	1385	155	Anhydrite
1385	2210	825	Anhydrite & Salt
2210	2958	748	Anhydrite & Lime
2958	3568	610	Anhydrite
3568	3842	274	Anhydrite & Lime
3842	7467	3625	Lime
7467	7490	23	Granite wash
7490	7510	20	Lime & Sand
7510	7515	5	Lime
7515	7535	20	Sand
7535	7556	21	Lime, Sand & Shale
7556	7584	28	Anhydrite & waste
7584	7592	8	Lime
7592	7598	6	Granite
7598	7615	17	Lime
7615	7623	8	Granite & Lime
7623	7629	6	Granite wash
7629	7646	17	Lime
7646	7676	30	Granite wash

DRILL STRING TESTS

- 6/30- 5096 to 5181 Ft.- tool open 2 hours- slight blow air- recovered 360 Ft. slight oil & gas cut mud- 30 Ft. clean mud at top- 15 Min. MFP 1050/-Static Press 2700/-
- 7/1 - 5187 to 5235 Ft.- tool open 2 hours- gas to surface 1 hr. 45 Min.- recovered 240 Ft. slight oil & Gas Cut mud- salty. Filtered water 20,000PPM chlorides-15 Min. MFP 750/-
- 7/2 - 5236 to 5265 Ft.- tool open 3 hours- gas to surface in 2 hours- recovered 10 Ft. mud- 180 Ft. heavy oil cut mud- 360 Ft. salty formation water- 15 Min. MFP 1250/- Static Press. 2600/-
- 7/11- 6407 to 6442 Ft.- tool open 2 hours- gas to surface 18 Min. recovered 80 Ft. oil cut mud- 290 Ft. 37.8 Sty.oil. 20 Min. MFP 1800/-FF 200/- Static Press. 1150/-
- 7/13- 6487 to 6536 Ft. - tool open 3 hours- slight blow air thruout- recovered 65 Ft. slightly oil cut mud- FF 100/- MFP 250/-
- 7/16- 6536 to 6591 Ft.- tool open 3 hours- small blow air thruout- recovered 30 Ft. oil cut mud- no salt water MFP 3200/-
- 7/18- 6591 to 6641 Ft.- tool open 1 hour- light blow air- recovered 25 Ft. mud- no oil or water- no pressures.
- 8/14- 7451 to 7526 Ft.- tool open 2 hours- fair blow air thruout- no gas to surface- recovered 560 Ft. water blanket- 490 Ft. drilling mud oil & gas cut- 585 Ft. salt water- show sweet gas- show oil- water 40,800 PPM chlorides.
- 7/15- 6487 to 6536 Ft.- tool open 3 hours- slight blow air thruout- recovered 65 Ft. slightly oil cut mud- FF 100/- MFP 250/-

POTED CEMENT- 100 lbs. @ 7600 Ft. Aug. 21st.

DEVIATION SURVEYS

575 Ft. 1/2 degree from vertical

850	"	0	do
1100	"	1/2	do
1850	"	1 1/4	do
2070	"	1 1/2	do
2380	"	1 1/4	do
2685	"	1 1/2	do
3200	"	1/2	do
3600	"	1/2	do
4290	"	3/4	do
4780	"	1	do
5025	"	0	do
5925	"	1	do
6410	"	1	do
6825	"	1	do
7300	"	1/2	do