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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## 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 TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

STANDARD OIL COMPANY OF TEXAS

STATE 5-27 (B-1439) DUPLICATE

Company or Operator  
Well No. 4 in NW/4 of Sec. 27, T. 17-S  
Lease  
R. 35-2, N. M. P. M., Vacuum Field, east West Lea County.  
Well is 660 feet south of the North line and 1960 feet west of the East line of Sec. 27  
If State land the oil and gas lease is No. B-1439 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is Standard Oil Company of Texas Address Box 1660, Midland, Texas  
Drilling commenced May 30 19 39 Drilling was completed July 29 19 39  
Name of drilling contractor Harry Bass Drilling Company Address Magnolia Bldg., Dallas, Texas  
Elevation above sea level at top of casing 3941 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 4470' to 4500' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 4535' to 4550' 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	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>13-3/8</u>	<u>48</u>	<u>8</u>	<u>Chester &amp; S.H.</u>	<u>238</u>	<u>Tex. Pat.</u>				<u>Protection</u>
<u>9-5/8</u>	<u>36</u>	<u>8</u>	<u>Chester</u>	<u>1629</u>	<u>Bak. Fl.</u>				<u>Protection</u>
<u>7</u>	<u>20 &amp; 24</u>	<u>8 &amp; 10</u>	<u>Mixed</u>	<u>4162</u>	<u>Bak. Fl.</u>				<u>Oil String</u>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17 1/2</u>	<u>13-3/8</u>	<u>274</u>	<u>250</u>	<u>Halliburton</u>		
<u>12 1/2</u>	<u>9-5/8</u>	<u>1644</u>	<u>615</u>	<u>"</u>		
<u>8-3/4</u>	<u>7</u>	<u>4194</u>	<u>330</u>	<u>"</u>		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ 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>Dowell XX6 acid</u>	<u>1500 gal.</u>	<u>6/26/39</u>	<u>4300-4610</u>	
<u>5"</u>	<u>tin</u>	<u>liquid Nitroglycerin</u>	<u>8 gal.</u>	<u>7/3/39</u>	<u>4420-4635</u>	
		<u>Dowell XX acid</u>	<u>1000 gal.</u>	<u>7/27/39</u>	<u>4300-4600</u>	

Results of shooting or chemical treatment Cleaned up savings in hole. No increase in oil from acid. Shot increased oil from 0 bbl/day to 97 bbl/day

## 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 0' feet to 4635' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Potential Test: Sept. 1st 19 39  
Put to producing \_\_\_\_\_

The production of the first 24 hours was 97 bbl. barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 38

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

T. L. Fortenberry, Driller M. E. Self, Driller  
C. B. Perryman, Driller G. A. Alberty, Driller  
E. Carruth, 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 22nd Midland, Texas September 22, 1939

day of September 19 39 Name J. R. Morris J. R. Morris  
Position Division Head "B"

Notary Public In C. Myrick  
Representing STANDARD OIL COMPANY OF TEXAS  
Company or Operator Box 1660, Midland, Texas.  
My Commission expires 5-21-41

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Top of rotary to bottom of cellar
18	75	57	Caliche
75	100	25	Gravel
100	205	105	Sand
205	260	55	Red bed
260	630	370	Red bed
630	730	100	Red bed and shells
730	736	6	Red rock
736	945	209	Red rock and shells
945	1097	152	Red bed
1097	1210	113	Red bed and red rock
1210	1400	190	Red bed
1400	1471	71	Red bed and red rock
1471	1534	63	Red bed
1534	1614	80	Red rock
1614	1645	31	Anhydrite
1645	1650	5	Anhydrite
1650	1778	128	Anhydrite and salt
1778	2068	290	Salt and streaks of anhydrite
2068	2370	302	Salt and shells
2370	2590	220	Salt and anhydrite
2590	2720	130	Salt, anhydrite and potash
2720	2750	30	Anhydrite
2750	2890	140	Broken anhydrite and salt
2890	3062	172	Anhydrite
3062	3065	3	Sand - GAS ODER
3065	3376	311	Anhydrite and Gypsum
3376	3475	99	Anhydrite
3475	3563	88	Anhydrite and gypsum
3563	3617	54	Anhydrite
3617	3675	58	Anhydrite and lime
3675	3912	237	Brown lime
3912	3997	85	Anhydrite and lime
3997	4043	46	Lime
4043	4083	40	Brown and gray lime
4083	4200	117	Gray lime
4200	4243	43	Lime
4243	4258	15	Gray lime
4258	4293	35	Lime
4293	4465	172	Gray lime
4465	4497	32	Brown lime
4497	4505	8	Brown lime. SLIGHT SHOW OIL.
4505	4515	10	Gray lime
4515	4527	12	Brown lime
4527	4567	40	Lime
4567	4589	22	Brown lime
4589	4635	46	Gray lime. TOTAL DEPTH

## RECORD OF DRILLING AND SPECIAL TESTS

DATE	TIME	DRILLER	LOGGERS	TESTS

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

DATE	TIME	DRILLER	LOGGERS	TESTS

## RECORD OF DRILL-STEM AND SPECIAL TESTS

DATE	TIME	DRILLER	LOGGERS	TESTS

## RECORD OF DRILL-STEM AND SPECIAL TESTS

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