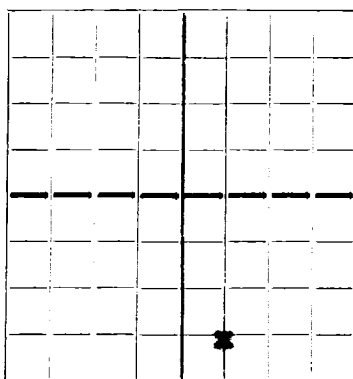


N.



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 Skelly Oil Company Address Tulsa, Oklahoma  
Send correspondence to J. O. Gressen Address Drawer Q, Wink, Texas  
Eugene Coates Well No. 1 in SW/4 SE/4 of Sec. 3, T. 24S  
R. 36E, N. M. P. M., Cooper Oil Field Lea County.  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is Eugene Coates Address Hobbs, New Mexico  
The lessee is Skelly Oil Company Address Tulsa, Oklahoma  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced July 4, 19 35 Drilling was completed August 16, 19 35  
Name of Drilling contractor Olsen Drilling Company Address Tulsa, Oklahoma  
Elevation above sea level at top of casing 3392 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 3519 to 3546 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 \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	Purpose
<u>15</u>	<u>50#</u>	<u>8</u>	<u>LW</u>	<u>316</u>	<u>Baker Float</u>			
<u>12 1/2</u>	<u>50#</u>	<u>8</u>	<u>LW</u>					
<u>9 5/8</u>	<u>35#</u>	<u>8</u>	<u>SS</u>	<u>2947</u>	<u>"</u>	<u>"</u>		
<u>7</u>	<u>24#</u>	<u>10</u>	<u>SS</u>	<u>3456</u>	<u>"</u>	<u>"</u>		

## MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>15</u>	<u>SSS</u>	<u>225</u>	<u>Halibarton Plug with pressure</u>		
<u>12 1/2</u>	<u>SSO</u>	<u>225</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>9 5/8</u>	<u>2964</u>	<u>675</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>7</u>	<u>3473</u>	<u>206</u>	<u>"</u>	<u>"</u>	<u>"</u>

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATED	DEPTH SHOT	DEPTH CLEANED OUT

## TOOLS USED

Rotary tools were used from Surface feet to 3548 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing August 18, 19 35  
The production of the first 10 hours was 950 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be 32  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. Casing 900# Tubing 200#

## EMPLOYEES

Pete Green Driller O. F. Pippen Driller  
Jim Wray 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 21st  
day of August, 19 35

Name J. O. Gressen

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Galena
50	270	270	Sand and shells (hard)
270	283	13	Red Bed (soft)
283	284	53	Red Beds (soft)
284	288	164	Red Beds and shells (soft)
288	289	112	Sand
289	292	48	Red Beds and shells (soft)
292	293	210	Red Beds and sand
293	1000	50	Red Beds
1000	1070	70	Sandy Red Beds and Red Rock
1070	1148	78	Red Beds
1148	1200	52	Red Shale
1200	1248	48	Blue Shale
1248	1300	52	Anhydrite
1300	1320	15	Sand
1320	1340	20	Anhydrite
1340	1366	26	Shale
1366	1400	34	Anhydrite
1400	1443	63	Salt and shale
1443	1608	145	Anhydrite
1608	1685	77	Salt      Sypho test at 1675' showed hole 1 1/2 degrees off
1685	1780	75	Anhydrite (hard)
1780	1848	108	Salt and Anhydrite (hard)
1848	1880	12	Anhydrite (hard)
1880	1895	15	Salt
1895	1920	25	Anhydrite and Potash (hard)
1920	1945	43	Salt
1945	1978	33	Anhydrite and Potash (hard)
1978	2181	183	Anhydrite and salt      Sypho at 2175' 1/2 degree off
2181	2191	10	Anhydrite
2191	2315	24	Salt
2315	2340	25	Anhydrite
2340	2345	5	Salt
2345	2365	20	Anhydrite, Potash and salt
2365	2365	60	Salt
2365	2365	3	Lime Shell
2365	2364	16	Salt and Shale
2364	2365	481	Anhydrite and Salt      Sypho at 2300' 1/2 degree off
2365	2361	6	Lime (hard)
2361	2376	25	Gray Lime (hard)
2376	2383	27	Brown Lime (hard)
2383	2384	61	Brown Lime and Sand (medium)      Show of gas 2313-2331
2384	2391	27	Brown Lime and Anhydrite (medium)
2391	2399	38	Brown Lime
2399	2399	9	Brown Lime and Anhydrite
2399	2399	22	Brown Lime (hard)
2399	2399	21	Gray Lime and Broken Sand (medium)
2399	2399	57	Gray Lime (hard)
2399	2399	24	Brown Lime (sandy)
2399	2399	90	Gray Lime (hard)
2399	2399	26	Gray Lime and Sand (hard)
2399	2399	21	Broken Lime and Shale
2399	2399	12	Gray Lime
2399	2399	17	Sandy Lime
2399	2399	131	Gray Lime
2399	2399	63	Lime (Jord)
2399	2399	24	Lime (Jord)      2312' to 2345' showed good saturation and porosity.

Total depth 2545'