

DUPLICATE

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

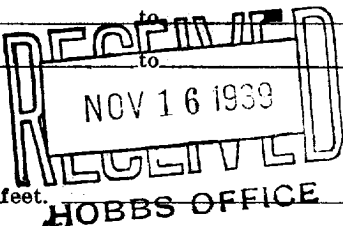
Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**SKELLY OIL COMPANY** **Tulsa, Oklahoma**  
Company or Operator Address  
State "N" Well No. **8** in **CHW SW** of Sec. **32**, T. **24**  
Lease  
R. **57** N. M. P. M., **Mattix** Field, **Lea** County.  
Well is **5300** feet south of the North line and **4620** feet west of the East line of **Section 32 -**  
If State land the oil and gas lease is No. **5943** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **Skelly Oil Co.** Address **Tulsa, Oklahoma**  
Drilling commenced **June 25,** 19 **39** Drilling was completed **Oct. 13,** 19 **39**  
Name of drilling contractor **J. C. O'Leary** Address **Hobbs, New Mexico**  
Elevation above sea level at top of casing **3240** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

OIL SANDS OR ZONES  
No. 1, from **3471'** to **3512'** 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.



OD	SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
								FROM	TO	
	16"	70#	8	LN	130'10"					
	13"	40#	8	LN	456'8"	(Later Pulled)				
	10 3/4"	40#	8	LN	806'8"	"	"			
	8-5/8"	32#	8	SS	1310'3"					
	7"	24#	10	SS	3430'10"					
	Tubing									
	8" ID	4.70#	10	SS	3564'7"					

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16 1/2"	16"	126'	100	Halliburton		Circulated to cellar.
16 1/2"	8 5/8"	1505'	200	Halliburton		
8 1/2"	7"	3408'	150	Halliburton		

PLUGS AND ADAPTERS  
Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
335 Qts	4"	S. N. G.	335 Qts	10/15/39	3463' to 3541'.	

Results of shooting or chemical treatment **Increased production by shooting from 106 bbls 24 hrs to 335 bbls 24 hrs flowed through open 8" EUE tubing..**

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 \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **Top** feet to **3541'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION  
Put to producing **Oct. 13,** 19 **39**  
The production of the first 24 hours was **106** barrels of fluid of which **100** % was oil; **Later potential was taken, after shot, and well flow 335 bbls 24 hrs.**  
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  
**La. N. Durham** Driller **B. W. Ogle** Driller  
**Geo. Baker** 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 **17**  
day of **November**, 19 **39**  
**H. F. W. W.**  
Notary Public  
My Commission expires **Dec. 10, 1940**

**Hobbs, New Mexico - Nov. 14, 1939**  
Place Date  
Name **J. T. Dunlavy**  
Position **District Superintendent**  
Representing **SKELLY OIL CO.**  
Company or Operator  
Address **Hobbs, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	89	89	Sand & Caliche
89	95	66	Sand
95	125	30	Sand & rock boulders
125	131	6	Sand
131	136	5	Red Shale
			SET 2 1/2" OD casing at 136'.
136	250	114	Red Shale
250	320	70	Gray shale
320	442	122	Red shale
442	465	23	Gray shale
465	505	40	Red shale
505	595	90	Sand
595	605	10	Red sandy shale
605	675	69	Sand
675	698	23	Gray Shale
698	720	22	Red rock
720	735	25	Gray sandy shale
735	755	20	Red shale
755	765	8	Sand
765	790	27	Red shale
790	800	10	Red sandy shale
800	850	50	Red shale
850	870	20	Red sandy shale
870	911	41	Red rock & shells
911	1120	209	Red rock
1120	1240	120	Anhydrite
1240	1295	55	Salt
1295	1305	10	Anhydrite
1305	1324	9	Salt
1324	1342	28	Anhydrite
1342	1380	38	Anhydrite & shale
1380	1445	65	Salt & red rock
1445	1530	85	Salt & shale
1530	1570	40	Anhydrite
1570	1600	30	Salt
1600	1650	50	Salt, potash & anhydrite
1650	1645	15	Salt & potash
1645	1655	10	Salt & anhydrite
1655	1670	15	Anhydrite
1670	1778	108	Salt, potash & anhydrite
1778	1905	127	Salt & shale
1905	1930	25	Salt
1930	1949	19	Anhydrite
1949	1975	26	Salt
1975	1990	15	Anhydrite
1990	2085	95	Salt
2085	2090	5	Anhydrite
2090	2215	125	Salt
2215	2258	37	Anhydrite
2258	2302	50	Salt
2302	2320	18	Anhydrite
2320	2342	22	Salt
2342	2360	18	Anhydrite
2360	2375	15	Anhydrite & salt
2375	2492	117	Salt
2492	2515	23	Anhydrite
2515	2695	180	Salt
2695	2715	20	Anhydrite
2715	2723	8	Salt
2723	2754	31	Anhydrite
2754	2764	10	Brown Lime
2764	2775	11	Lime
2775	2825	50	Lime & anhydrite
2825	2858	33	Brown Lime
2858	2914	56	Lime
2914	2925	9	Sandy Shale
2925	2956	31	Sand
2956	2961	5	Lime & Shale
2961	2968	7	Lime Broken
2968	2980	12	Lime
2980	2990	10	Shale
2990	2997	7	Lime & Shale
2997	3008	11	Lime
3008	3028	20	Shale & lime
3028	3047	19	Lime & sand
3047	3058	11	Lime
3058	3105	47	Lime & shale
3105	3122	17	Lime
3122	3157	35	Lime & sand
3157	3356	199	Lime
3356	3361	5	Lime & sand
3361	3390	29	Lime
3390	3420	30	Lime, hard
3420	3519	99	Lime & sand
3519	3541	22	Hard lime