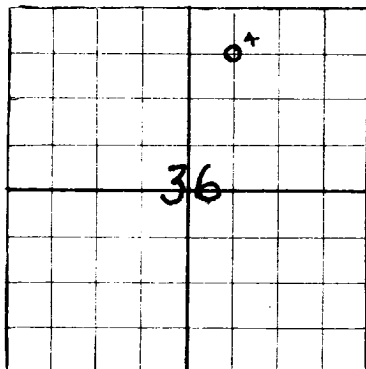


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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

SKELLY OIL CO.

TULSA, OKLA.

State **"R"** Company or Operator Well No. **4** in **NE/4 NW/4** of Sec. **36**, T. **16**  
 Lease **36** N. M. P. M. **Livingston** Field, **Lea** County.  
 Well is **660** feet south of the North line and **1980** feet west of the East line of Section **36**.  
 If State land the oil and gas lease is No. **B7766** Assignment No. \_\_\_\_\_  
 If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
 The Lessee is **Skelly Oil Company** Address **Tulsa, Oklahoma**  
 Drilling commenced **October 9, 1945** Drilling was completed **November 19, 1945**  
 Name of drilling contractor **Coats & Foster** Address **Lubbock, Texas**  
 Elevation above sea level at top of casing **3853** feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from **4690'** to **4993'** 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	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>8-5/8"</b>	<b>32#</b>	<b>8 Rd</b>	<b>SS</b>	<b>2082'</b>	<b>TexPt.</b>				
<b>5-1/2"</b>	<b>17#</b>	<b>8 Rd</b>	<b>SS</b>	<b>4618'</b>	<b>TexPat.</b>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>10 1/4"</b>	<b>8-5/8"</b>	<b>2095</b>	<b>450</b>	<b>Halliburton</b>		
<b>6 1/2"</b>	<b>5-1/2"</b>	<b>4625'</b>	<b>375</b>	<b>Halliburton</b>		

## 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
	<b>1000 gal</b>	<b>Acid -</b>	<b>-</b>	<b>11/25/45</b>	<b>4690-5033'</b>	<b>-</b>
	<b>2000 Gal</b>	<b>Acid -</b>	<b>-</b>	<b>12/6/45</b>	<b>4690-4985'</b>	<b>-</b>
	<b>2000 Gal</b>	<b>Acid -</b>	<b>-</b>	<b>12/20/45</b>	<b>4815-4993'</b>	<b>-</b>
	<b>2000 Gal</b>	<b>Acid -</b>	<b>-</b>	<b>12/22/45</b>	<b>4690-4815'</b>	<b>-</b>
	<b>2000 Gal</b>	<b>Acid -</b>	<b>-</b>	<b>12/26/45</b>	<b>4690-4815'</b>	<b>-</b>

Results of shooting or chemical treatment \_\_\_\_\_  
**Increased production from 30 bbls oil per day to 65 bbls oil per 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 **top** feet to **5033'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **12/28/45** 19\_\_\_\_  
 The production of the first 24 hours was **65** 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

**J. R. Pearce** Driller \_\_\_\_\_ Driller \_\_\_\_\_  
**J. C. Fair** 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 **17th**day of **January** 19 **46**

Notary Public

My Commission expires **Dec 26, 1948**

Hobbs, New Mexico Jan. 17, 1946

Name **J. J. Simeon**Position **District Supt.**Representing **SKELLY OIL CO.**Address **Hobbs, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	35	35	Caliche
35	1447	1412	Red bed
1447	1605	158	Red rock
1605	1665	60	Red bed & shells
1665	1735	70	Red rock
1735	1830	95	Red rock & shale
1830	1912	82	Red bed & shells
1912	1993	81	Red rock
1993	2030	37	Red bed
2030	2068	38	Red rock
2068	2077	9	Anhydrite
2077	2140	63	Anhydrite
2140	3060	920	Salt & anhydrite
3060	3898	838	Anhydrite
3898	4171	273	Anhydrite & lime
4171	4198	27	Lime
4198	4254	56	Lime & anhydrite
4254	4280	26	Lime
4280	4313	33	Lime & anhydrite
4313	4360	47	Lime
4360	4395	35	Lime & anhydrite
4395	4453	58	Lime
4453	4470	17	Brown lime
4470	4535	65	Lime
4535	4564	29	Brown lime
4564	4605	41	Lime
4605	4641	36	Brown lime
4641	5033	392	Lime
			Drilled to total depth of 5033', en- countering water between 4995' and total depth. Plugged back with sand, gravel and 30 gallons Dowell Plastic from 5033' to 4993'.
<u>PLUGGED BACK TOTAL DEPTH 4993'.</u>			