AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## GAS 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.

**Skelly Oil Company** **Tulsa, Oklahoma**  
Company or Operator Address  
**J. W. Sherrell** Well No. **5** in **SE 1/4 SW 1/4** of Sec. **31**, T. **24S**  
Lease  
R. **37E**, N. M. P. M., **Langlie-Mattix** Field, **Lea** County.  
Well is **4290** feet south of the North line and **3108** feet west of the East line of **Section 31-24S-37E**  
If State land the oil and gas lease is No. **J. W. Sherrell** Assignment No. \_\_\_\_\_  
If patented land the owner is **J. W. Sherrell**, Address **Jal, New Mexico**  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is **Skelly Oil Company**, Address **Tulsa, Oklahoma**  
Drilling commenced **August 15** 19**49** Drilling was completed **September 4** 19**49**  
Name of drilling contractor **Cactus Drilling Company**, Address **San Angelo, Texas**  
Elevation above sea level at top of casing **3244** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

**Gas**  
**SANDS OR ZONES**

No. 1, from **2790'** to **3350'** 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>9-5/8"</b>	<b>36</b>	<b>8R</b>	<b>Spang</b>	<b>1101.57'</b>	<b>Float</b>				
<b>7"</b>	<b>20</b>	<b>8R</b>	<b>Nat'l.</b>	<b>2737.71'</b>	<b>"</b>				

**MUDDING AND CEMENTING RECORD**

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>12"</b>	<b>9-5/8"</b>	<b>1105</b>	<b>400</b>	<b>Halliburton</b>		
<b>8 1/2"</b>	<b>7"</b>	<b>2720</b>	<b>300</b>	<b>"</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

Results of shooting or chemical treatment \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**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 **3350** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**PRODUCTION**

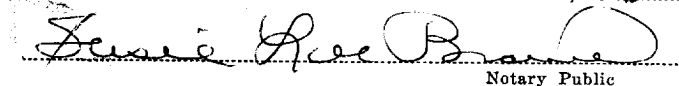
Put to producing **September 9** 19**49**  
The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
If gas well, cu. ft. per 24 hours **16,000,000** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

**C. P. Stewart**, Driller \_\_\_\_\_, Driller \_\_\_\_\_  
\_\_\_\_\_, 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 **9th**day of **November** 19**49**  
Notary PublicMy Commission expires **5-22-51****Hobbs, N. M.** **November 9, 1949**Name Position **Dist. Supt.**Representing **Skelly Oil Company**Company or Operator  
Address **Hobbs, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	555	555	Red Bed & Shells
555	660	105	Shells & Sand
660	1085	425	Red Bed & Shells
1085	1105	20	Red Bed & Anhydrite
1105	1170	65	Drld. plug & cement - Top Anhydrite 1095.
1170	1314	144	Anhydrite, Sand, & Salt Breaks
1314	1625	309	Anhydrite & Salt
1625	1740	115	Anhydrite, Salt, & Brown Potash
1740	2635	895	Anhydrite & Salt - Base Salt 2635'.
2635	2687	52	Anhydrite - Top Brown Lime 2655.
2687	2753	66	Anhydrite & Lime
2753	2778	25	Lime & Gypsum - Top Yates 2770'.
2778	2798	20	Dolomite & Lime
2798	2844	46	Dolomite & Sand
2844	2871	27	Lime
2871	2970	99	Lime & Sand
2970	2983	13	Anhydrite, Lime, & Gypsum
2983	3016	33	Lime & Gypsum
3016	3027	11	Anhydrite & Lime
3027	3060	33	Anhydrite & Gypsum
3060	3088	28	Lime & Gypsum
3088	3166	78	Anhydrite & Lime
3166	3182	16	Lime & Gypsum
3182	3254	72	Anhydrite & Lime
3254	3276	22	Anhydrite, Gypsum, & Lime
3276	3350	74	Anhydrite & Lime
			TOTAL DEPTH - 3350'
			Completed as gas well September 9, 1949. On spot check, gas tested 16,000 MCF/day.