

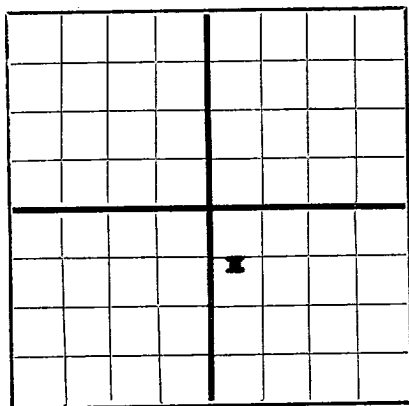
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FORM C-105

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

**Humble Oil & Refining Company** Houston, Texas  
Company or Operator Address  
**W. B. Farrel** Well No. **3** in **SE 1/4** of Sec. **22**, T. **22 South**  
Lease  
R. **37 East**, N. M. P. M., **Drinkard** Field, **Lee** County.  
Well is **3480** feet south of the North line and **3100** feet west of the East line of **Sec 22**  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is **W. B. Farrel** Address **Runice, New Mexico**  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **Humble Oil & Refining Company** Address **Box 2180, Houston, Texas**  
Drilling commenced **10-8-49** 19\_\_\_\_ Drilling was completed **12-6-49** 19\_\_\_\_  
Name of drilling contractor **Roman Drilling Company** Address **Ft. Worth, Texas**  
Elevation above sea level at top of casing **3348** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **6410** to **6440** 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 **None** 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>10-3/4</b>	<b>40.5</b>	<b>8</b>	<b>J-55</b>	<b>313.58</b>	-	-	-	-	<b>Surface</b>
<b>7-5/8</b>	<b>26.40</b>	<b>8</b>	<b>S-80</b>	<b>2814.12</b>	-	-	-	-	<b>Intermediate</b>
<b>5-1/2</b>	<b>14.15.5</b>	<b>8</b>	<b>J-55</b>	<b>7239.27</b>	-	-	<b>6410</b>	<b>6440</b>	<b>Producing</b>
	<b>17</b>								
<b>2"</b>	<b>4.70</b>	<b>8</b>	<b>EJE J-55</b>	<b>6428</b>	-	-	-	-	<b>Producing</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>13-3/4</b>	<b>10-3/4</b>	<b>330.94</b>	<b>250</b>	<b>Halliburton</b>		
<b>9-7/8</b>	<b>7-5/8</b>	<b>2829.50</b>	<b>1600</b>	<b>Halliburton</b>		
<b>6-3/4</b>	<b>5-1/2</b>	<b>7253.50</b>	<b>330</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>Chem. Process</b>	<b>1000 Gal</b>	<b>12-21-49</b>	<b>6410-6440</b>	<b>6488</b>

Results of shooting or chemical treatment **87.2 bbls fluid per day, 1910 MCF Gas, 11% BS&W**

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 **8190** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **12-27-49 (Potential Test)**  
The production of the first 24 hours was **87.2** barrels of fluid of which **89** % was oil; \_\_\_\_\_ % emulsion; **11** % water; and \_\_\_\_\_ % sediment. Gravity, Be. **39**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. **2000**

EMPLOYEES

**B. W. Decker**, Driller **V. J. Light**, Driller  
**Fred L. Moore**, Driller **F. T. Graham**, 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 **4th** day of **January**, 19**50**  
**Jurea M. Bates**  
Notary Public

**Midland, Texas** 1-4-50 Date  
Name **[Signature]**  
Position **Asst. Division Superintendent**  
Representing **Humble Oil & Refining Company**  
Address **Box 1600, Midland, Texas**

My Commission expires **6-1-51**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	519	519	Red Bed
519	1155	636	Red Rock, Shells and Anhydrite
1155	2521	1366	Anhydrite, Salt & Lime
2521	2807	286	Anhydrite, Gyp & Lime
2807	3342	535	Lime & Anhydrite
3342	3578	236	Lime, Anhydrite & Sand
3478	4281	703	Lime
4281	4606	325	Lime & Gyp
4606	7234	2628	Lime
7234	7383	149	Lime & Chert
7383	7465	82	Lime, Chert & Shale
7465	7510	45	Lime & Chert
7510	7606	96	Lime & Shale
7606	7684	78	Lime, Shale & Sand
7684	7827	143	Lime & Shale
7827	7922	95	Lime, Shale & Sand
7922	8158	236	Lime & Shale
8158	8190	32	Lime
	8190		Total Depth