

N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

OIL CONSERVATION COMMISSION  
HOBBS-OFFICE

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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

Humble Oil &amp; Refining Company

S. W. Harrison

Well No. 3 of 31/4 of Sec. 25, T. 24S  
R. 36E, N. M. P. M., Cooper-Jal Field, Lea County.  
Well is 1900 feet south of the North line and 1900 feet East of the West line of Sec. 25  
If State land the oil and gas lease is No. - Assignment No. -  
If patented land the owner is - Address -  
If Government land the permittee is - Address -  
The Lessee is Humble Oil & Refining Co. Address Box 1600 Midland, Texas  
Drilling commenced November 11, 1951 Drilling was completed December 20, 1951  
Name of drilling contractor Gaskle Drilling Company Address 1001 Park Building Fort Worth, Texas  
Elevation above sea level at top of casing 3297.45 feet.  
The information given is to be kept confidential until - 19-

## OIL SANDS OR ZONES

No. 1, from 2952 to 3189 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 None 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 TO	PURPOSE
<u>8-5/8"</u>	<u>29.75</u>	<u>8R</u>	<u>Unknown</u>	<u>295.98</u>	<u>Hall.</u>			
<u>5-1/2"</u>	<u>15.984</u>	<u>8R</u>	<u>Pitts.</u>	<u>2941.45</u>	<u>Hall.</u>	<u>(Humble Seamless)</u>		
<u>2"</u>	<u>4.7</u>	<u>8R</u>	<u>Pitts.</u>	<u>3177.09</u>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11</u>	<u>8-5/8"</u>	<u>308.98</u>	<u>150</u>	<u>Hall.</u>	<u>9.4</u>	
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>2952.00</u>	<u>750</u>	<u>-</u>	<u>10.6</u>	

## 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
<u>Hydrofracture</u>		<u>1500 Gals. Karosene, 500# Napalm soap, 800# Ottawa Sand followed by 72 Hbls. crude oil with 20 gallons of breaker solution. (Same treatment on November 28 &amp; Dec. 4, 1951)</u>				
		<u>Fracture flush acid 2000</u>	<u>12-5-51</u>	<u>3004-3189</u>		
		<u>15% LF acid (Gals.) 1500</u>	<u>12-13-51</u>	<u>3187-3189</u>		

## 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.

Hole deviation: Max. 2 1/2° at 2857' by Totop.

Rotary tools were used from 0 feet to 3189 feet, and from - feet to - feet.  
Cable tools were used from - feet to - feet, and from - feet to - feet.

## PRODUCTION

Put to producing 12-24-51, 19-  
The production of the first 24 hours was 9.36 barrels of fluid of which 90 % was oil; - % emulsion; 90 % water; and - % sediment. Gravity, Be 35.6  
If gas well, cu. ft. per 24 hours 492 MCF Gallons gasoline per 1,000 cu. ft. of gas -  
Rock pressure, lbs. per sq. in. -

## EMPLOYEES

Leon Flato Driller Ray Solomon Driller  
J. F. Buchanan Driller G. L. Edwards 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 3rd  
day of January, 1952

Turla M. Bates Turla M. Bates  
Notary Public

My Commission expires June 1, 1953

Midland, Texas January 3, 1952

Place Date  
Name [Signature]  
Position Asst. Div. Supt.  
Representing Humble Oil & Refining Company  
Company or Operator.  
Address Box 1600, Midland, Texas

Orig & 2 cc: N. M. Oil Conservation Comm.  
1 cc: Mr. E. E. Hunter

1 cc: Mr. J. W. House  
1 cc: File

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Sand
25	320	295	Sand and red beds
320	355	35	Red beds
355	670	315	Red beds and rock
670	1165	495	Red rock and sand
1165	1257	92	Gyp and anhydrite
1257	1915	658	Anhydrite, gyp and salt
1915	2290	375	Salt - anhydrite
2290	2540	250	Salt, anhydrite, gyp
2540	2692	152	Gyp, salt, and anhydrite
2692	2775	83	Salt, anhydrite, gyp
2775	2827	52	Anhydrite, gyp
2827	2858	31	Anhydrite, gyp and brown lime
2858	2892	34	Lime, gyp
2892	2943	51	Lime, anhydrite
2943	2966	23	Lime
2966	3016	50	Anhydrite and dolomite sand
3016	3045	29	Lime, sand and anhydrite,
3045	3063	18	Anhydrite and lime
3063	3189 T.D.	1226	Lime, anhydrite and sand