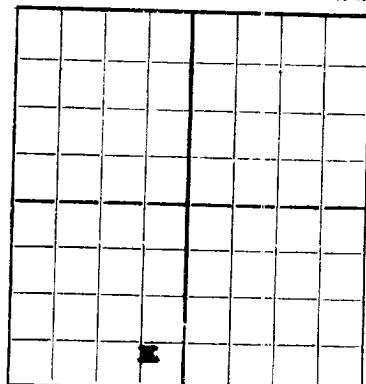
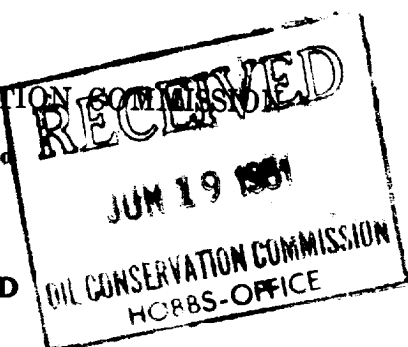


DUPLICATE

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

**Humble Oil & Refining Co., Box 2180, Houston, Texas, N. M. State V**

Company or Operator

Lease

Well No. **4** in **SW/4** of Sec. **10**, T. **21-S**

R. **37E**, N. M. F. M. **Brunson (Undesignated)** Field, **Lea** County.

Well is **1700** feet south of the North line and **3200** feet west of the East line of **Section 10**

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 Company** Address **Box 2180, Houston, Texas**

Drilling commenced **3-18-51** 19\_\_\_\_ Drilling was completed **5-5-51** 19\_\_\_\_

Name of drilling contractor **McQueen & Clevenger** Address **1010 1st National Bank Bldg. Ft. Worth, Texas**

Elevation above sea level at top of casing **3463** feet.

The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from <b>7450</b> to <b>7525</b>	No. 4, from <b>7840</b> to <b>7790</b>
No. 2, from <b>7616</b> to <b>7531</b>	No. 5, from <b>7940</b> to <b>7840</b>
No. 3, from <b>7790</b> to <b>7750</b>	No. 6, from <b>7990</b> to <b>7940</b>
	<b>7990</b> <b>8043</b>

## 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 FROM TO	PURPOSE
10-3/4"	40	8R	Nat'l	325.03	Halliburton			
7-5/8"	26	8R	Youngstown	3083.67	Halliburton			
5-1/2"	17	8R	-	1682.84				
5-1/2"	15.8	8R	-	6345.66			7935 7990	
2" lbg.	4.7	8R	Nat'l	7977.51	-			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4"	343.87	300	Halliburton		
9-7/8"	7-5/8"	3100.00	1600	"	11	
6-3/4"	5-1/2"	8043.00	350	"	9.3	

## 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
		Halliburton	2 Shots	5-8-51	4380	
		Schlumberger	120 Shots	5-20-51	7935-7965	Bullet
		Western	500 Gals.	5-21-51	7935-7965	
		Schlumberger	210 Shots	5-22-51	7935-7990	
(Cont'd)		Western	1000 Gals.	5-23-51	7935-7990	

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.

**See Attachment**

## TOOLS USED

Rotary tools were used from **0** feet to **8043** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to producing **May 23** 19 **51**

The production of the first 24 hours was **899.35** barrels of fluid of which **99.2** % was oil; \_\_\_\_\_ %

emulsion; **8/10** % water; and \_\_\_\_\_ % sediment. Gravity, Be **41.4**

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

**W. A. Webb** Driller **Burl Gaston** Driller

**D. C. Campbell** Driller **A. T. Coleman** 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 **18th**

**Midland, Texas**

**6-18-51**

day of **June**, 19 **51**

Name **J. J. Yalco**

Position **Asst. Division Superintendent**

Representing **Humble Oil & Refining Co.**

Address **Box 1600, Midland, Texas**

My Commission expires **6-1-53**

Notary Public

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	Caliche
45	360	315	Red rock and sand
360	600	240	Red beds, and red rock
600	1148	548	Red beds, shale and shells
1148	1396	248	Anhydrite and shale
1396	1712	316	Red beds, salt
1712	2465	753	Salt and shells
2465	2618	153	Anhydrite
2618	2871	253	Anhydrite and gyp
2871	3100	229	Anhydrite and sand
3100	3330	230	Anhydrite
3330	3665	335	Anhydrite and lime
3665	5259	1594	Lime and dolomite
5259	7675	2416	Lime
7675	7720	45	Lime and shale
7720	7803	83	Lime
7803	7840	37	Lime and shale
7840	8043 (TD)	203	Lime