



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Marathon Oil Company (Company or Operator) State McCallister (Lease)

Well No. 5, in SW 1/4 of SW 1/4, of Sec. 25, T. 17-S, R. 34-E, NMPM. N. Vacuum Abo, Vacuum Wolfcamp & Devonian Pool, Lea County.

Well is 560' feet from west line and 660' feet from south line of Section 25. If State Land the Oil and Gas Lease No. is B-2706

Drilling Commenced 12-20-62, 19... Drilling was Completed 3-25-63, 19...

Name of Drilling Contractor Tri-Service Drlg. Co.

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 4007' GL. The information given is to be kept confidential until 19...

OIL SANDS OR ZONES

No. 1, from 9072 to 9177 (Abo-oil) No. 4, from... to...  
No. 2, from 9848 to 9951 (Wolfcamp-oil) No. 5, from... to...  
No. 3, from 12,004 to 12,034 (Dev. - oil) 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
16"	65#	New	380'	Guide			Surface
10-3/4"	40.5, 45.4 and 51#	new	5000'	Guide			Intermed.
7"	32, 29, 26, and 23#	New	12,193'	Guide			Prod.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
22"	16"	380'	675	2-Plug		
13-3/4"	10-3/4"	5000'	4088	2-Plug		
8-3/4"	7"	12,193'	1335	2-plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Abo- 3000 gals. Spearhead acid and 10,000 gals. dolo. frac, 15 bbls. lse oil.  
Wolfcamp - 5000 gals. 15% NEA  
Devonian- 1000 gals. MA and 5000 gals. FLA-12, J-99, XM-38 acid

Result of Production Stimulation. ABO-(9072-9177') Flowed 204.60 BOPD on 17/64" chk, CP Pkr, TP 210.  
WOLF CAMP-(9848-9951) Flowed 275.79 BOPD on 15/64" chk, CP Pkr., TP 750  
DEVONIAN-(12,004-12,034) Flowed 291.35 BOPD on 15/64" chk. CP Pkr. and TP 1300#  
(18 hrs.) Depth Cleaned Out 12,195' T.D.

**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 12,195 feet, and from ... feet to ... feet.  
 Cable tools were used from ... feet to ... feet, and from ... feet to ... feet.

**PRODUCTION**

Put to Producing 4-3-43, 19...

OIL WELL: The production during the first 24 hours was 20,000 barrels of liquid of which 1.0% was oil; 2% was emulsion; 1% water; and 96% was sediment. A.P.I. Gravity 1.2

GAS WELL: The production during the first 24 hours was ... barrels of liquid Hydrocarbon. Shut in Pressure ... lbs.

Length of Time Shut in .....

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T. ....	T. Morrison.....	
T. Drinkard.....	T. ....	T. Penn.....	
T. Tubbs.....	T. ....	T. ....	
T. Abo.....	T. ....	T. ....	
T. Penn.....	T. ....	T. ....	
T. Miss.....	T. ....	T. ....	

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	4300	4300	Shale and Anhy				
4300	875	4375	Lime and Anhy				
875	11075	8200	Lime and shale				
11075	12,195	1120	Lime, shale and salt				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

August 9, 1943

Company or Operator Marathon Oil Company Address 220, Ave B, No Mexico (Date)  
 Name [Signature] Position Asst. Supt.