



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Marathon Oil Company State Warr A/C 2
(Company or Operator) (Lease)

Well No. 10, in NE 1/4 of SW 1/4, of Sec. 6, T. 18-S, R. 35-E, NMPM.
Vacuum Abo Reef Pool, Lea County.
Well is 1650' feet from south line and 2232.6' feet from west line
of Section 6. If State Land the Oil and Gas Lease No. is B-1113
Drilling Commenced 4-15-63, 19. Drilling was Completed 5-23-63, 19.
Name of Drilling Contractor A. W. Thompson
Address Midland, Texas
Elevation above sea level at Top of Tubing Head 3989' DE. The information given is to be kept confidential until
, 19.

OIL SANDS OR ZONES

No. 1, from 8644' to 8781' (Abo Reef) No. 4, from
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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	371	Guide			Surface
9-5/8"	43.5#	New	3307	Guide			Intermed.
5-1/2"	17# & 15.5#	New	8868	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
17-1/2"	13-3/8"	371	315	2-plug		
12-1/4"	9-5/8"	3307	1540	2-plug		
7-7/8"	5-1/2"	8868	370	2-plug		

RECORD OF PRODUCTION AND STIMULATION

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

Abo Reef 8644 - 8781 (overall) - 2000 gals. Spearhead acid using 38' ball sealers and dropping one ball after each 60 gals.

Result of Production Stimulation Abo Reef: Flowed 118.92 BO in 15 hrs., no water, thru 21/64" chk, TP 130#, CP packer.

Depth Cleaned Out 8870' I.D.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 2170 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Put to Producing 5-20-63, 1963

GAS WELL: The production during the first 24 hours was.....M.C.F. plusbarrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

Southeastern New Mexico

Western 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. Mancos.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Dakota.....
T. San Andres.....	T. Granite.....	T. Morrison.....
T. Glorieta.....	T.	T. Pennsylvanian.....
T. Drinkard.....	T.	T.
T. Tubbs.....	T.	T.
T. Abo 8153' (-4163)	T.	T.
T. xxxx Abo 8192' (-4502)	T.	T.
T. Miss.....	T.	T.

From	To	Thickness in Feet	Formation
0	3310	3310	Salt, Anhydrous, Red beds
3310	5360	2050	Lime
5360	8338	2978	Lime and chert
8338	8870	532	Lime

INDEX
 OF
 LITHOLOGY
 OF THE
 GULF COAST OF TEXAS
 BY
 H. W. HILKEY
 J. B. BARBER
 L. M. PATTERSON
 FILE

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 26, 1963

Company or Operator.....

Address **Box 220, Job 4, Mexico**

(Date)

Name. Joseph H. Smith

Post: The ...

DEVIATION RECORD

State Warn a/c 2 #10

Lea County, New Mexico

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
161	1/4	5795	3
375	1/4	5993	4
665	1/2	6047	3 3/4
1168	1/4	6167	3 3/4
1439	1/4	6306	3 1/2
1712	1/2	6495	3 3/4
1953	1	6681	3 1/2
2164	1 1/2	6850	3
2616	1 1/2	7088	3
2859	3	7245	3
2890	3 1/2	7550	3
2948	2 3/4	7753	2 1/2
2978	3	8127	2 1/2
3007	2 3/4	8338	1 3/4
3088	2 1/2	8723	1 1/4
3158	2	<u>TOTAL DEPTH 8870</u>	
3310	2 1/2		
3515	2 1/2		
3798	4		
3858	4 1/4		
3921	3 1/2		
3953	3 1/2		
3984	3 1/2		
4045	3		
4108	3		
4202	3 1/2		
4265	3 1/4		
4288	2 1/4		