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AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DISTRICT OFFICE O. C. C.
DEC 11 10 39 AM '63

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
(Company or Operator)State McDonald, A/C 1-B
(Lease)

Well No. 31, in NW 1/4 of NE 1/4, of Sec. 25, T. 22-S, R. 36-E, NMPM.

South Eunice

Pool,

Lea

County.

Well is 660 feet from North line and 2310 feet from East line

of Section 25. If State Land the Oil and Gas Lease No. is A 2614

Drilling Commenced 10/8/63, 19. Drilling was Completed 10/24/63, 19.

Name of Drilling Contractor Ralph Lowe

Address Box 832 - Midland, Texas

Elevation above sea level at Top of Tubing Head 3439.5 G.L. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from to 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 3666 to 3800 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
7-5/8	26	Used	410	Guide			Surface
4-1/2	9.5	New	3786	Guide			Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	7-5/8	421	275			
6-3/4	4-1/2	3798	950			

RECORD OF PRODUCTION AND STIMULATION

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

Queen Section: w/15,000 gal lease oil w/1/20# Adomite per gal & 22,500# sand in two stages from 3746-47' & 3758-60'.

Result of Production Stimulation Well flowed by intermittent gas lift 47.40 BO & 1.98 BW in 12 1/2 hrs for a daily rate of 91 BO & 3.80 BW w/FTP 0 - 75# csg press 300#.

Depth Cleaned Out

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 3800 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 11/17/63, 19

OIL WELL: The production during the first 24 hours was 95 barrels of liquid of which 99 1/2 % was oil; % was emulsion; 1/2 % water; and % was sediment. A.P.I. Gravity 31.4 @ 60° F

GAS WELL: The production during the first 24 hours was M.C.F. plus 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

T. Anhy. 1367 (+2082)
T. Salt. 1537 (+1912)
B. Salt. 2380 (+1069)
T. Yates. 2950 (+ 1199)
T. 7 Rivers. 3246 (+ 203)
T. Queen. 3666 (- 216)
T. Grayburg.
T. San Andres.
T. Glorieta.
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T.
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Northwestern New Mexico

T. Ojo Alamo.
T. Kirtland-Fruitland.
T. Farmington.
T. Pictured Cliffs.
T. Menefee.
T. Point Lookout.
T. Mancos.
T. Dakota.
T. Morrison.
T. Penn.
T.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1101	1101	Redbed	SEE ELECTRIC LOG TOPS ABOVE			
1101	2737	1636	Anhydrite, Salt				
2737	2829	92	Anhydrite				
2829	3800	971	Lime				

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.

Company or Operator. Marathon Oil Company

Address. Box 220 - Hobbs, New Mexico

Name. Albert Meschler

Position. Asst. Supt.

12-3-63
(Date)