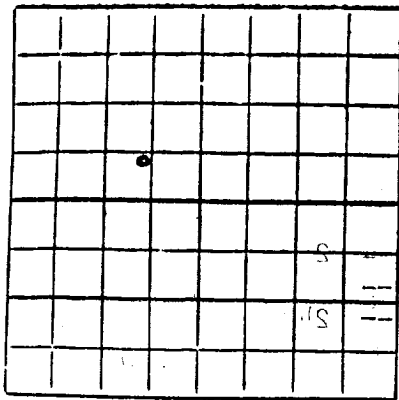




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

JUL 31 10 01 AM '64

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 Warrant A/C 1
(Lease)

Well No. 3, in SE 1/4 of NW 1/4, of Sec 31, T. 17 S, R. 35 E, NMPM.
Undesignated Abo, Penn & Wolfcamp Pool, Lea County.

Well is 1908 feet from west line and 2080 feet from north line
of Section 31. If State Land the Oil and Gas Lease No. is 387

Drilling Commenced May 2, 1964. Drilling was Completed June 8, 1964

Name of Drilling Contractor Noble Drilling Corp.

Address Midland, Texas Box 550

Elevation above sea level at Top of Tubing Head 3976.75'. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 9122 to 9279
No. 2, from 9975 to 10031
No. 3, from 10124 to 10146
No. 4, from
No. 5, from
No. 6, from

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	345'	Guide			Surface
9-5/8"	36#	New	3475'	(Guide)			Intermediate
9-5/8"	40#	New	1553'				
2-7/8"	6.5#	New	10303'	(Float)		9975 - 10031'	
2-7/8"	6.5#	New	10298'			10124 - 10146'	Production
2-7/8"	6.5#	New	10299'			9122 - 9279'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	356	375	2 Plug		
12-1/4"	9-5/8"	5002	2650	2 Plug		
8-3/4"	2-7/8"	10247				
8-3/4"	2-7/8"	10241	1400	Single Plug		
8-3/4"	2-7/8"	10213				

RECORD OF PRODUCTION AND STIMULATION

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

Eastern Co. spotted 500 gal. acetic acid 7992-10049' & acidized Wolfcamp sect. w/ 500 gal. acetic acid 2000 gal. SH acid in 2-7/8" csg. perfs. 9975-10031'. B.J. Service spotted 500 gal. acetic acid 105-10162' & acidized Penn Sect. w/ 500 Gal. acetic acid in 2-7/8" csg. perfs 10124-10146'. Well spotted 500 gal. acetic acid 7232-7289' & acidized Abo sect. w/ 500 gal. acetic acid in 2-7/8" csg. perfs 9122-9279'.

Result of Production Stimulation Abo sect. flowed 193 BO and no water in 19-1/2 hrs for daily rate of 240 BOPD. Wolfcamp sect. flowed 191 BO & no water in 24 hrs. Penn sect. flowed 242 BO and trace of water in 24 hrs.

Depth Cleaned Out

1. ORD 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 10310 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Penn 7-8 PRODUCTION ** Abo — 240 BO
Put to Producing Abo & Wolfcamp 7-1, 19 64 Wolfcamp — 191 BO
Penn — 242 BO

OIL WELL: The production during the first 24 hours was ** barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity. Abo 37 API at 60°; Wolfcamp 38.3 API at 60°; Penn 39.8 API at 60°

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):

ELECTRIC LOG TOPS

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. 1191 (+ 2498)	T. Devonian.	T. Ojo Alamo.
T. Salt. 1600 (+ 2389)	T. Silurian.	T. Kirtland-Fruitland.
T. Salt. 2500 (+ 1489)	T. Montoya.	T. Farmington.
T. Yates. 2793 (+ 1196)	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers. Lower 3496 (+ 493)	T. McKee.	T. Menefee.
T. Queen. 3702 (+ 287)	T. Ellenburger.	T. Point Lookout.
T. Grayburg. 4049 (+ 60)	T. Gr. Wash.	T. Mancos.
T. San Andres. 4340 (+ 351)	T. Granite.	T. Dakota.
T. Glorieta. 5899 (+ 1910)	T. Paddock 6018 (-2029)	T. Morrison.
T. Drinkard.	T. Blinberry Marker 6583(-2594)	T. Penn.
T. Tubbs.	T. Wolfcamp 9371 (-5382)	
T. Abo. 7977 (+ 3988)	T. Lower Wolfcamp 9965 (-5976)	
T. Penn. Upper 10089 (-6100)		
T. Miss.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1131	1131	Redbed				
1131	2660	1229	Anhy., salt				
2660	3151	491	Anhy.				
3151	3220	69	Lime, Dolo.				
3220	4419	1199	Lime				
4419	4775	356	Lime, Dolo.				
4775	9035	4260	Lime				
9035	9435	400	Lime, Shale				
9435	10048	613	Lime, chert				
10048	10200	152	Lime, Dolo				
10200	10301	101	Dolo., Shale				
	TD		- SS				

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.

Position. Title. Ass't. Supt.

Alvin Michler July 30, 1964 (Date)