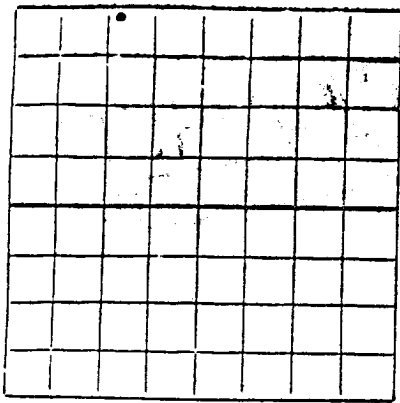




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Aug 27 10 51 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 Warn A/C 2

(Lease)

Well No. 13, in NW 1/4 of NW 1/4, of Sec. 6, T. 18 S, R. 35 E, NMPM.

Undesignated Glorieta

Pool, Lea County.

Well is 1571 feet from West line and 330 feet from North line of Section 6.

If State Land the Oil and Gas Lease No. is 387

Drilling Commenced July 22, 1964 Drilling was Completed August 9, 1964

Name of Drilling Contractor Lowe Drilling Corp.

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 3981.50' The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 6027 to 6039 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 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
7"	23#	Used	1514'	Guide	None	—	Surface
4-1/2"	9.5#	New	5810'	(Guide	None		Production)
4-1/2"	11.6#	New	504'	(	None	6027-6039'	)

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
9-7/8"	7"	1514'	700	2 Plug	—	—
6-1/4"	4-1/2"	6286'	1000	2 Plug	—	—

RECORD OF PRODUCTION AND STIMULATION

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

B. J. Service acidized perforations in 4-1/2" casing, Glorieta section, from 6027 - 6039' w/ 1000 Gal. BDA acid.

Result of Production Stimulation Well flowed 115.20 BO and no water in 14 hrs. thru 16/64" choke

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS 3

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 6287' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 15, 1964, 19

OIL WELL: The production during the first 24 hours was 197.49 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity. 38.0

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.	2114 (-2516)	T. Devonian	T. Ojo Alamo
T. Salt	1553 (-2437)	T. Silurian	T. Kirtland-Fruitland
B. Salt	2192 (-2193)	T. Montoya	T. Farmington
T. Yates	2797 (-2193)	T. Simpson	T. Pictured Cliffs
T. 7 Rivers Ls.	3521 (-2179)	T. McKee	T. Menefee
T. Queen	3725 (-2175)	T. Ellenburger	T. Point Lookout
T. Grayburg	4015 (-2125)	T. Gr. Wash	T. Mancos
T. San Andres	4320 (-2140)	T. Granite	T. Dakota
T. Glorieta	5882 (-1392)	T. Paddock 6025 (-2035)	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	76	76	Surface Rock				
76	1154	1078	Red bed				
1154	1165	11	Anhy., Gyp				
1165	1605	440	Anhy.				
1605	2830	1225	Salt, Anhy.				
2830	3560	730	Anhy., Gyp				
3560	4114	554	Anhy.				
4114	4176	62	Anhy., Dolo.				
4176	4222	46	Lime				
4222	4350	128	Dolo.				
4350	4495	145	Sandy Lime				
4495	4604	109	Lime, Dolo.				
4604	5308	704	Lime				
5308	5744	436	Lime, Chert				
5744	6208	464	Lime				
6208	6287	79	Lime, Dolo.				
	TD						

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: [Signature] Position: Title: Superintendent (Date)