

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-025-25481

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER _____

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P.O. Box 3487 Houston, TX 77253-3487

4. Well Location

Unit Letter **M** : **760** Feet From The **South** Line and **760** Feet From The **West** Line

Section **35** Township **21-S** Range **37-E** NMPM **Lea** County

10. Date Spudded

04/13/1977

11. Date T.D. Reached

05/06/1977

12. Date Compl. (Ready to Prod.)

05/29/2004

13. Elevations (DF & RKB, RT, GR, etc.)

GL 3373'

14. Elev. Casinghead

15. Total Depth

7506

16. Plug Back T.D.

6316

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

5884' - 6164' Tubb

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

Well was perforated using original logs

22. Was Well Cored

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32 #	1256'	12 1/4"	600 sks	
7"	23 #	6470'	8 3/4"	2450 sks	
7"	26 #	6470' - 7505'			

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	6216'	N/A

26. Perforation record (interval, size, and number)

See attachment for perforation details.

27. ACID, SHOT, FRACTURE, CEMENT, SOOZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

5884' - 6164' 10,000 gals 15% HCL Acid

5884' - 6164' 1190 bbls frac gel

28. PRODUCTION

Date First Production 05/30/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 06/04/2004	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 11.0	Gas - MCF 586	Water - Bbl. 27	Gas - Oil Ratio 53,272
Flow Tubing Press. 26	Casing Pressure 26	Calculated 24-Hour Rate	Oil - Bbl. 11.0	Gas - MCF 586	Water - Bbl. 27	Oil Gravity - API -(Corr.) 36.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Kevin Silco

30. List Attachments

Perforation details, wellbore diagram.

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Charles E. Kendrick*

Printed Name

Charles E. Kendrick

Title

Engineering Tech

Date 10/13/2004

E-mail address cekendrix@MarathonOil.com

Mark Owen No. 8 Tubb Perforations

Casing Collar Located @	Feet f/ collar	Perforation Interval Size			Shots		Shot Size	Carrier Type	Carrier Size	Phasing °
			Top	Bottom	Shots / Foot	per Interval				
5,881.00	3	4	5,884.00	5,888.00	4	16	0.41	Slick Gun	3.125	90
5,898.00	18	4	5,916.00	5,920.00	4	16	0.41	Slick Gun	3.125	90
5,911.00	18	4	5,929.00	5,933.00	4	16	0.41	Slick Gun	3.125	90
5,951.00	3	14	5,954.00	5,968.00	4	56	0.41	Slick Gun	3.125	90
5,960.00	14	6	5,974.00	5,980.00	4	24	0.41	Slick Gun	3.125	90
6,001.00	3	12	6,004.00	6,016.00	4	48	0.41	Slick Gun	3.125	90
6,031.00	3	6	6,034.00	6,040.00	4	24	0.41	Slick Gun	3.125	90
6,031.00	13	4	6,044.00	6,048.00	4	16	0.41	Slick Gun	3.125	90
6,051.00	3	9	6,054.00	6,063.00	4	36	0.41	Slick Gun	3.125	90
6,062.00	14	8	6,076.00	6,084.00	4	32	0.41	Slick Gun	3.125	90
6,101.00	3	6	6,104.00	6,110.00	4	24	0.41	Slick Gun	3.125	90
6,117.00	10	5	6,127.00	6,132.00	4	20	0.41	Slick Gun	3.125	90
6,141.00	3	20	6,144.00	6,164.00	4	80	0.41	Slick Gun	3.125	90

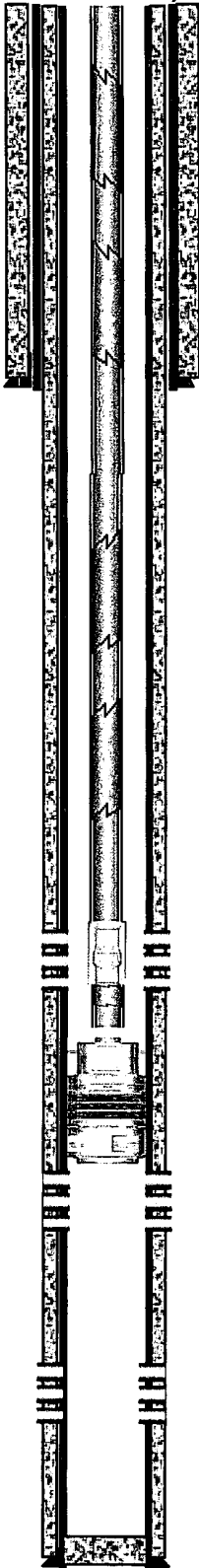
Total Feet Shot	98
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Total Shots	392
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Mark Owen No. 8 Tubb Completion
(Abo & Granite Wash isolated)

Marathon Oil Company
Mark Owen # 8
14-Oct-04



Surface Casing
9 5/8" set @ 1256' Cmt'd w/ 600 sks

Seating Nipple @ 6181'
Bottom of tubing @ 6216'

Tubb Perfs @ 5884' - 6164'

RBP @ 6320'

Abo Perfs @ 6524' - 7068'

Granite Wash Perfs @ 7156' - 7487'

TD @ 7506'

Production Casing
7" 23 & 26# Set @ 7505' Cmt'd w/ 2450 sks

Well Name & Number:	Mark Owen No. 8		Lease	Mark Owen (Fee Lease)	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	5884' - 6164'		(TVD)	7506'	
Date Completed:	05/29/04				RKB:
Prepared By:	Charles Kendrix		Last Revision Date:	10/14/04	