



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

C18F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM 07260	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MARATHON OIL COMPANY		7. Unit or CA Agreement Name and No. 70964 A	
3. Address P.O. BOX 552 MIDLAND, TX 79702		8. Lease Name and Well No. INDIAN HILLS UNIT 45	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE Lot A 806FNL 1010FEL At top prod interval reported below SESE Lot P 100FSL 1119FEL At total depth SESE Lot P 305FSL 1136FEL		9. API Well No. 30-015-32338	
14. Date Spudded 07/24/2002		15. Date T.D. Reached 08/07/2002	
16. Date Completed 09/25/2002		17. Elevations (DF, KB, RT, GL)* 3671 KB	
18. Total Depth: MD 8237 TVD 8072		19. Plug Back T.D.: MD 8193 TVD 8037	
20. Depth Bridge Plug Set: MD 8129 TVD 7975		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NEUTRON DENSITY/NGT & NGR SPECTROSCOPY	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	1208		1225		8	
8.750	7.000 K-55	26.0	0	8237		1395		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	8129	8129						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) UPPER PENN	7627	7833	7627 TO 7635		32	OPEN
B)			7704 TO 7708		16	OPEN
C)			7716 TO 7720		16	OPEN
D)			7796 TO 7800		16	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7704 TO 7833	ACID FRAC W/18,000 GALS 17% CCA SOUR ACID FLUSHED W/FW MAX PRESS 7200, AIR 22.6 BPM
7627 TO 7635	ACID FRAC W/4300 GALS 17% CCA SOUR ACID FLUSHED W/FW MAX PRESS 7000, AIR 9 BPM

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/01/2002	10/08/2002	24	→	111.0	200.0	328.0	40.7	0.80	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 220.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio 1801	Well Status POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						NOV - 5 2002
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	ALEXIS C. SWOBODA PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #15628 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
UPPER PENN	7550	8230	DOLOMITE, LIMESTONE & SHALE VUGS	SAN ANDRES	783
				GLORIETA	2400
				YESO	2556
				BASE OF BONE SPRING SANDS	25187
				TUBB	6764
				ABO	6858
				WOLFCAMP	6885
				CISCO	7550
				CANYON	7721

32. Additional remarks (include plugging procedure):

Logs, Inclination Survey and Directional Survey will be sent by regular mail. I will include one copy of this report for reference.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #15628 Verified by the BLM Well Information System.
For MARATHON OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by Armando Lopez on 10/30/2002 ()

Name (please print) GINNY LARKE

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 10/30/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Additional data for transaction #15...3 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
7829 TO 7833		16	OPEN