

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

RECEIVED

2. Name of Operator
Marathon Oil Company

JAN 15 2004

3a. Address
P.O. Box 1324 Artesia, NM 88211

3b. Phone No. (include area code)
505-450-0009 ARTESIA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL "M" 990 FSL & 660 FWL
Section 26, T-21-S, R-23-E

5. Lease Serial No.
NM070522-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Indian Basin "C" #2

9. API Well No.
30-015-28167

10. Field and Pool, or Exploratory Area
Indian Basin Upper Penn Gas

11. County or Parish, State
Eddy, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See attached procedure & wellbore diagrams

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS ATTACHED

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

James F. Newman, P.E.

Title engineer, Triple N Services, 432-687-1994

Signature

Date 09 Jan 04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) ALEXIS C. SANCODA

PETROLEUM ENGINEER

Date JAN 14 2004

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on reverse)

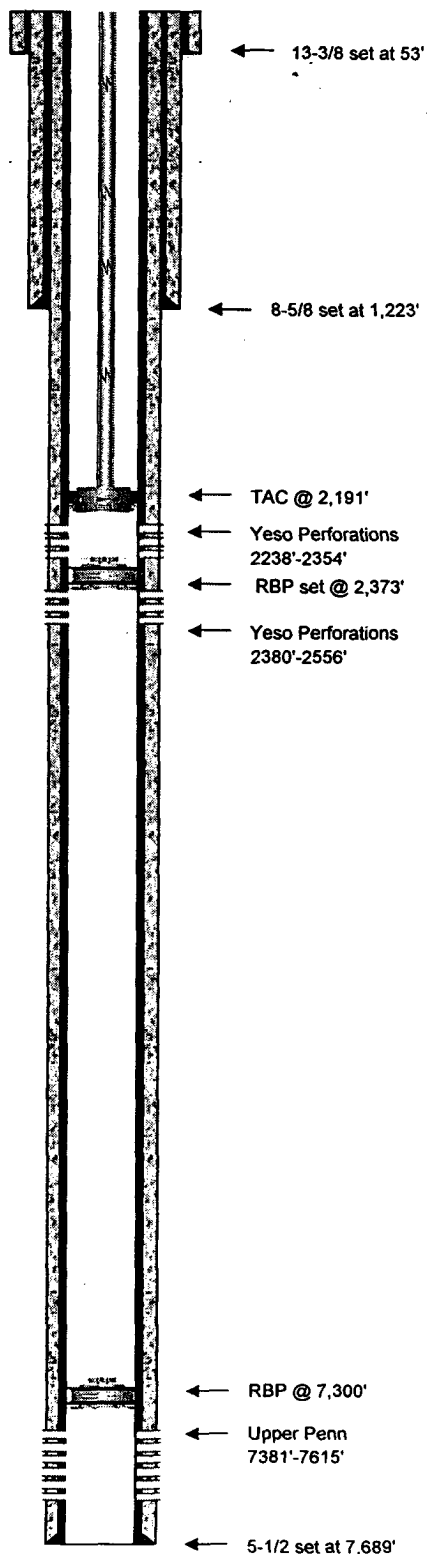
**Proposed Plugging Procedure
Marathon Oil Company
Indian Basin C #2**

See attached wellbore diagrams

- Notify BLM & OCD 24 hrs prior to move in, and 4 hrs prior to plugs
- Hold daily tailgate safety meetings w/ crews
- Tubulars in hole: 194 jts 2-7/8" 6.5# J-55 @ 6,109'
- 5½" 15.5 #/ft casing capacity = 0.1336 ft³/ft

Tubing/packer: 2-7/8" 6.5# J-55 w/ TAC set @ 2,191'. Has 2 jts wrapped tbg above TAC and 7 jts below. Rods & pump pulled April, 2001

1. Set 180 bbls working pit and flow well down as needed.
2. MIRU plugging equipment. NU BOP. Release TAC and POOH standing back 2-7/8" tubing, lay down wrapped tubing.
3. RIH w/ retrieving head for RBP @ 2,373', picking up workstring as needed, continuing in hole w/ production tubing. RU cementer and load hole w/ 10 ppg brine. Release RBP and POOH.
4. RIH w/ workstring as needed, continuing in hole w/ production tubing, tag RBP @ 7,300'. RU cementer and load hole w/ plugging mud. Release, pump 25 sx C cmt (1.32 ft³/sk, 14.8 ppg w/ 6.3 gal/sk, slurry volume 33.0 ft³) on top of RBP 7,300 – 7,053'.
5. POOH w/ tbg to 6,000'. Load hole w/ plugging mud and pump 25 sx cmt (1.32 ft³/sk, 14.8 ppg w/ 6.3 gal/sk, slurry volume 33.0 ft³) 6,000 – 5,753'.
6. POOH w/ tbg to 3,000'. Load hole w/ plugging mud and pump 25 sx cmt (1.32 ft³/sk, 14.8 ppg w/ 6.3 gal/sk, slurry volume 33.0 ft³) 3,000 – 2,753'.
7. POOH w/ tbg.
8. RIH w/ tbg-set CIBP to 2,200'. Set CIBP and load hole w/ plugging mud, pump 25 sx cmt (1.32 ft³/sk, 14.8 ppg w/ 6.3 gal/sk, slurry volume 33.0 ft³) 2,200 – 1,953'.
9. POOH w/ tbg to 1,223'. Load hole w/ plugging mud and pump 25 sx cmt (1.32 ft³/sk, 14.8 ppg w/ 6.3 gal/sk, slurry volume 33.0 ft³) 1,223 – 976'.
10. POOH w/ tbg. ND BOP and wellhead.
11. RIH w/ tubing to 100' and pump 10 sx C cmt (1.32 ft³/sk, 14.8 ppg w/ 6.3 gal/sk, slurry volume 13.2 ft³) 100' to surface. RDMO.
12. Clean working pit, haul fluids to disposal. Cut off wellhead and install dryhole marker. Cut off anchors and level location.



Field Name:	Indian Basin		
County:	Eddy	Well Type:	Oil
State:	New Mexico	Depth:	7,689
RRC District:	Artesia	Drilling Commenced:	11/3/1994
Section:	26	Drilling Completed:	
Block:		Date Well Plugged:	
Survey:	T-21-S; R-23-E	Longitude:	
Unit Letter M; 990 FWL & 660 FWL		Latitude:	
		Freshwater Depths:	
API #:	30-015-28167		
Lease or ID:	NM 070522A		

Casing					
Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	13-3/8	53	Surface		
Intermediate:	8-5/8	1,223	Surface		
Production:	5-1/2	7,689	Surface		

Existing Plugs				
Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)
1 Halliburton RBP, set 2/9/2001	7,300			0
2 Halliburton RBP, set 2/19/2001	2,373			0

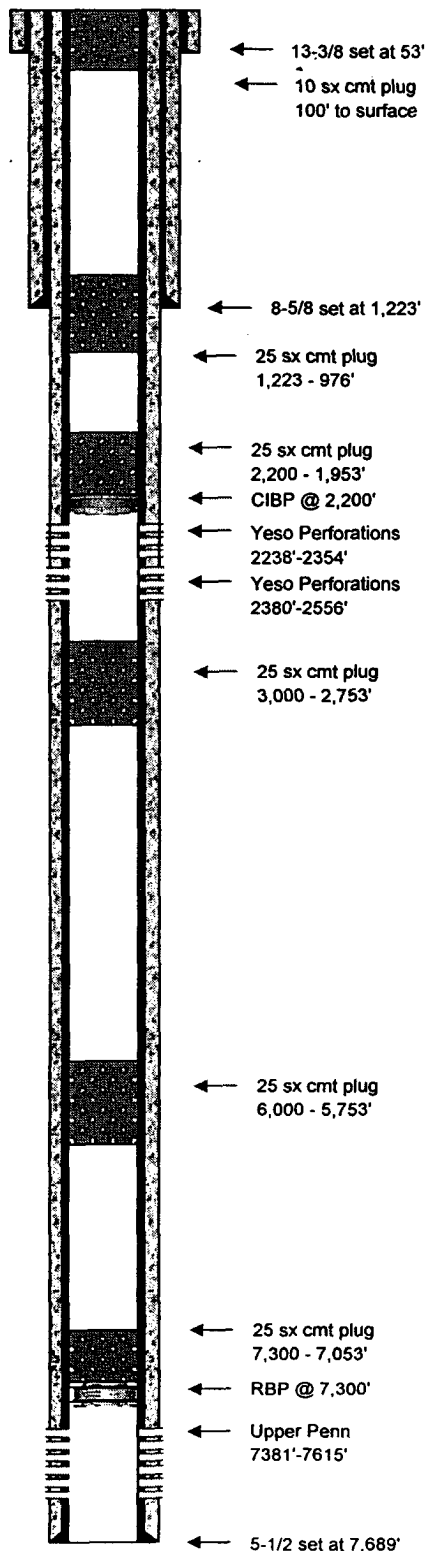
Perforations			
Formation	Top (feet)	Depth (feet)	
Yeso Perforations	2,238	2,354	
Yeso Perforations	2,380	2,556	
Upper Penn	7,381	7,615	

Formations		
Name	Top of Formation	

Comments
TAC set @ 2,191' on 69 jts 2-7/8" tbg (bottom two jts wrapped), 7 jts below TAC. Rods & pump pulled April, 2001

Prepared By: Jim Newman
Date: October 23, 2003

TRIPLE N
SERVICES INC.
MIDLAND, TX



Field Name:	Indian Basin		
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Casing					
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Surface:	13-3/8	53	Surface		
Intermediate:	8-5/8	1,223	Surface		
Production:	5-1/2	7,689	Surface		

Proposed Plugs					
Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)	
1 Halliburton RBP, set 2/9/2001	7,300				RBP
2 Cement-Class C - Balanced	7,053	7,300	25	33	
3 Cement-Class C - Balanced	5,753	6,000	25	33	
4 Cement-Class C - Balanced	2,753	3,000	25	33	
5 CIBP	2,200	2,202			CIBP
6 Cement-Class C - Balanced	1,953	2,200	25	33	
7 Cement-Class C - Balanced	976	1,223	25	33	
8 Cement-Class C - Balanced	surface	100	10	13.2	

Perforations			
Formation	Top (feet)	Depth (feet)	
Yeso Perforations	2,238	2,354	
Yeso Perforations	2,380	2,556	
Upper Penn	7,381	7,615	

Formations		
Name	Top of Formation	

Comments
Pull RBP @ 2,373', leave RBP @ 7,300'

Prepared By: Jim Newman
Date: 10/20/2003

TRIPLE N
SERVICES INC.
MIDLAND, TX