

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**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.*5. Lease Serial No.
NMNM0384628

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.8. Well Name and No.
INDIAN BASIN GS 19. API Well No.
30-015-00037-00-S410. Field and Pool, or Exploratory
INDIAN BASIN

11. County or Parish, and State

EDDY COUNTY, NM

RECEIVED

AUG 13 2004

OCD-ARTESIA

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 type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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.)

Marathon is proposing to plug back the Devonian SWD zone in the Indian Basin Gas Com No. 1. The well is currently being produced through the casing annulus from perforations in the Morrow reservoir due to a failed cement squeeze on this reservoir. Marathon intends to put the Morrow back into full production pending approval from the BLM and the NMOCD on plugging back the Devonian zone. If Marathon cannot get the well to meet NMOCD's casing integrity requirements, we will proceed with plugging and abandoning the well. Please see the attachments for a diagram of the wellbore before work-over and proposed wellbore after work-over.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #34393 verified by the BLM Well Information System
For MARATHON OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by LINDA ASKWIG on 08/11/2004 (04LA0674SE)

Name (Printed/Typed) CHARLES KENDRIX

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/11/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ALEXIS C SWOBODA

Title PETROLEUM ENGINEER

Date 08/12/2004

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 Carlsbad

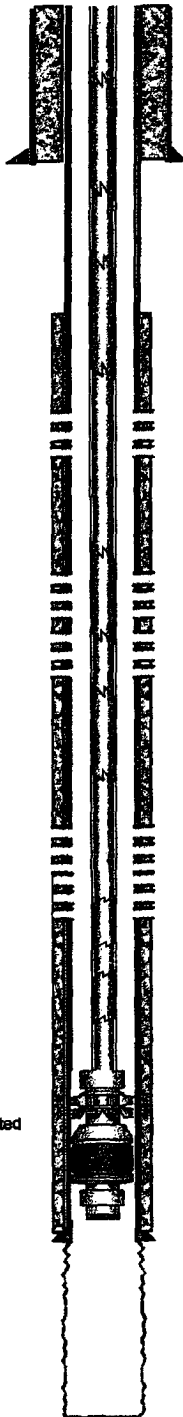
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Before Devonian Plug-back

Marathon Oil Company
Indian Basin Gas Com No. 1
1980' FNL 660' FWL
UL "E", Sec 23, T-21-S, R-23-E
6-Jul-04

GL: 3832 DF:3842' KB: 3843'



Tubing 2 3/8" IPC

Surface Casing
9 5/8" Set @ 2250' w/ 1000 sks cmt

Top of Cement on production casing @ 6070'

Squeezed Wolfcamp perfs 6574'-6768'

Squeezed Upper Penn Perfs 7376'-7538'

Squeezed Upper Penn Perfs 7670'-7764'

7670'-7674'

7681'-7688'

7710'-7718'

7725'-7727'

7736'-7740'

7748'-7754'

7760'-7764'

Squeezed Morrow Perfs 9039'-9263' (Leaking)

9039'-9049'

9199'-9207'

9227'-9235'

9238'-9248'

9251'-9263'

Perf w/ 4JSPF

Reshot 9227'-9263' w/ 4JSPF

Baker Model R Nickel coated
Packer set @ 9965'

Production Casing
7" 23-26& 29# Set @ 10100' Cmtd w/ 1350 sks

Open hole Devonian SWD

TD 10438'

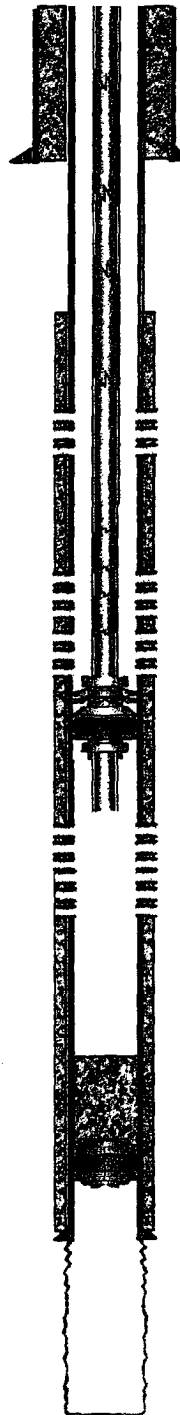
Well Name & Number:	Indian Basin Gas Com No. 1		Lease	NM 0384628	
County or Parish:	Eddy	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	See detail above		(TVD)	10438'	
Date Completed:	12/19/91			RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	08/06/04	



Indian Basin Gas Com No. 1 After work-over

Marathon Oil Company
 Indian Basin Gas Com No. 1
 1980' FNL 660' FWL
 UL "E", Sec 23, T-21-S, R-23-E
 8-Jul-04

GL: 3,832' DF:3,842' KB: 3,843'



Surface Casing
 9 5/8" Set @ 2250' w/ 1,000 sks cmt

Production Casing
 7" 23-26& 29# Set @ 10,100' Cmtd w/ 1350 sks

Tubing 2 3/8" IPC

Top of Cement on production casing @ 8,070'

Squeezed Wolfcamp perms 6574'-6768'

Squeezed Upper Penn Perfs 7376'-7538'

Squeezed Upper Penn Perfs 7670'-7764'

7670'-7674'	7681'-7688'
7710'-7718'	7725'-7727'
7736'-7740'	7748'-7754'
7760'-7764'	

2 3/8" x 7" PLS Packer
 Set at ~8,800'

Reperforated Morrow Perfs 9039'-9263'

~200' Cement plug on
 top of CIBP

Cast-Iron Bridge Plug
 Set at ~10,000'

Open hole Devonian SWD

TD 10,438'

Well Name & Number:	Indian Basin Gas Com No. 1	Lease	NM 0384628		
County or Parish:	Eddy	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	See detail above	TVD:	10,438'		
Date Completed:	08/08/04	RKB:	3,843'		
Prepared By:	Mark Mick	Rev. Date	08/10/04		