

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA COPY

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.
NMNM-0384628

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

2. Name of Operator
Marathon Oil Company

3a. Address
5555 San Felipe Mail Stop #3308
Friendswood, Texas 77056

3b. Phone No. (include area code)
713-296-3412

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
GLE 3,382' UL-E, Section 23, Township 21-S, Range 23-E, 1,980' North & 660' West

Latitude 32.486110
Longitude 104.534910

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

8. Well Name and No.
Indian Basin Gas Com #1

9. API Well No.
30-015-00037

10. Field and Pool or Exploratory Area
Indian Basin Morrow (78960)

11. Country or Parish, State
U.S.A. - Eddy County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 checked="" 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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 Oil Company has completed operations to cement a prior open hole Devonian 'SWD' zone completion as seen in the attached wellbore diagram. Field could not get the packer to release at 9,965', so a cement plug was installed on top of the packer instead of setting a CIBP and then cementing on top of the CIBP. Notice, the perforating depths changed by a couple of feet, please see attached Wellbore Diagram for the new perforating depths. Marathon has placed this well back on production from the Morrow, please see attachments, for details of well work performed.

ACCEPTED FOR RECORD

JUN 6 2009

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

Title Regulatory Compliance Representative

Signature *Rick R. Schell* Date 05/20/2009

BUREAU OF LAND MANAGEMENT
GARDENHURST FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Summary: IBGC#1 Morrow Recompletion Procedure

CIBP with Cement Plug

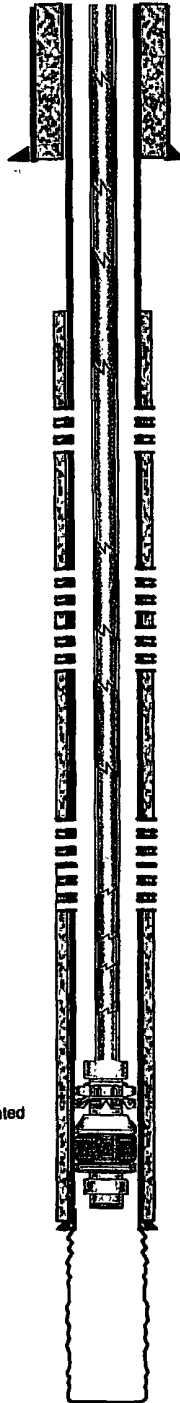
1. POOH with 3-1/2" internally coated tubing and packer
2. RU wireline. RIH with CIBP on wireline.
3. Set CIBP at ~10,000, which is 100' above 7" casing shoe.
4. Wireline dump bail ~8 bbls of cement on top of CIBP, providing a ~200' cement plug.
5. Load the well with 7% KCl water to pressure test the plug.
6. RIH with 2-3/8" tubing, foamer string, and TCP guns with propellant sleeve. On bottom of tubing have an RTTS packer, tbg. sub, 'X' profile, tbg. joint, 'XN' profile, mechanical gun release, and then TCP guns.
7. Set RTTS packer at ~8,800' (between the Upper Penn and Morrow).
8. Load the backside and pressure test the casing down the annulus to verify integrity of casing and previously squeezed perforations in the Upper Penn and Wolfcamp.
9. Perforate Morrow from ~9,039' – 9,263'.
10. Produce Morrow.



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'

IB GC#1: Current Wellbore Configuration



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

Production Casing
 7" 23-26& 28# Set @ 10100' Cmt w/ 1350 sks

Tubing 3 1/2" IPC

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'
 7780'-7784'

Squeezed Morrow Perfs 9039'-9263' (Leaking)

9039'-9049'
 9199'-9207'
 9227'-9235' Perf w/ 4JSPF
 9238'-9246'
 9251'-9263'
 9227'-9263' Reshot w/ 4JSPF

Baker Model R Nickel coated
 Packer set @ 9965'

Open hole Devonian SWD

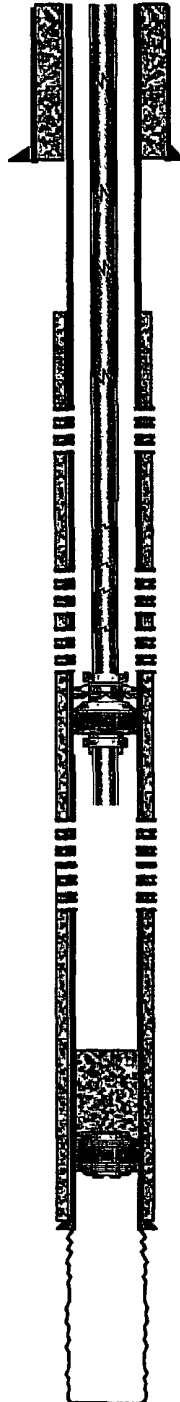
TD 10438'

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:	08/06/04			RKB:	
Prepared By:	Charles Kendrix	Last Revision Date:		08/06/04	

**IB GC#1: Proposed Wellbore Configuration**

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: 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 @ 6,070'

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:	08/12/04	RKB:	3,843'		
Prepared By:	Mark Mick	Rev. Date	08/10/04		



IB GC#1: Final Wellbore Configuration

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: 3,831' DF:3,842' KB: 3,843'

Tubing P-110 2 7/8"

2 7/8" x 7" 10K PLS Packer
Set at 9,052'

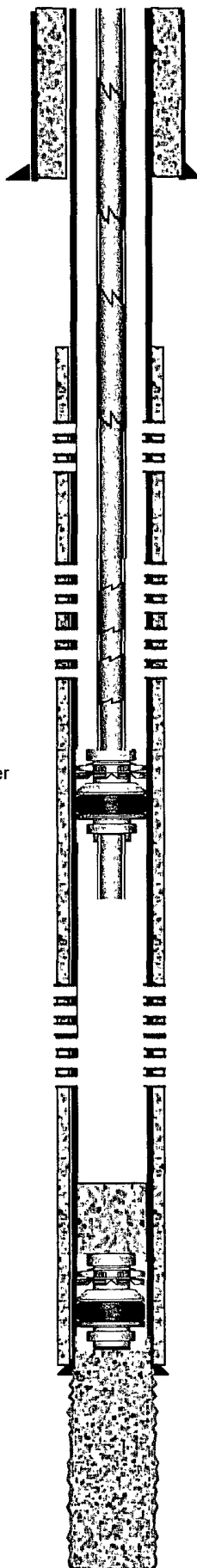
EOT = 9,061'

TCP Guns have been removed!



173' Cement plug on
top of CIBP

Original Guiberson Uni-6
Packer set at 9,965',
through which the
Devonian was squeezed



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

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

Top of Cement on production casing @ 6,070'

Squeezed Holes at 3140' and 3152'

Squeezed Wolfcamp perms 6574'-6768'

Squeezed Holes at 7372'

Squeezed Upper Penn Perfs 7376'-7538'

Squeezed Holes at 7619' and 7631'

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'-9246', 9251'-9263', 9227'-9263'

Perforated TCP/PowerPerf (10/04)

9199'-9207'

9226'-9244'

9252'-9264'

TOC = PBTD = 9,792'

Abandoned Devonian

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:	12/19/91	RKB:	3,843'		
Prepared By:	Mark Mick	Rev. Date	10/25/04		

Final Well / Event Summary

Legal Well Name: INDIAN BASIN GAS COM 01

Common Well Name: INDIAN BASIN GAS COM 01

Event Name: RECOMPLETION

Start Date: 10/7/2004

End Date:

DATE	TMD	24 HOUR SUMMARY
10/7/2004	(ft)	RU Key kill truck w/130 bbls 7% KCL water. SITP 1350 psig. Killed well w/125 bbls and well went on vacuum with 90 bbls pumped. RD Key and installed pressure gauge to monitor buildup. TP @ 1500 hrs 0 psig and 1700 hrs 160 psig. Continue location prep.
10/7/2004	(ft)	Pumper found 450 psig SITP. Opened well to tank and blew down to 0 psig, unloading some volume of water. Water volume estimated at 20 bbls but was not strapped.
10/11/2004	(ft)	Moved in equipment and killed well with 130 bbls plant cooling tower water.
10/12/2004	(ft)	MIRU. Kill annulus, kill tbg, ND tree, NU BOPE. Attempt to function on/off tool, no luck. Pump cement into Devonian, attempt to cut tubing twice unsuccessfully.
10/13/2004	(ft)	Finally backed off tubing at 9786'. Spot 200' cement, stand back 30 stands, WOC 4 hrs, RIH and never tagged cmt, POOH w/ 5 stands tbg and RU HES. Pumped 35 bbls & pressured to 5000 psi. POH l/d 3-1/2" tbg ~150 JFS had 58 jts w/cmt. Btm ~103 jts clear.
10/14/2004	(ft)	FOOH with 3.5" tbg. Transfer 2.875" tbg. Single up and RIH. Spot 10 bbl cmt on btm. POOH. NU 2.875" tbg hanger spool, RIH bit/scraper, tag high @ 8886'. Drill stringers to 9042'. Tagged hard @ 9792' & set 20K on plug. Prep to pickle tbg.
10/15/2004	(ft)	MIRU HES to pickle tbg, pickled tbg, reversed out. POOH with tbg. PU and RIH with perf guns, get on depth with GR, set pkr. ND BOPE, NU Tree. RU tree saver. RU HES N2. Fire guns and flow well back to prod facilities.
10/16/2004	(ft)	Open well to flow and RDMO.
10/17/2004	(ft)	MIRU ARC to drop perf guns, got tools stuck and began fishing operations.
10/18/2004	(ft)	Continue to fish for lost slickline and slickline tools.
10/19/2004	(ft)	Continued to fish for lost wire, unsuccessful, RDMO all wireline. MIRUPU and readied well for pulling at 12:00 AM 10/20/04.
10/20/2004	(ft)	TG safety meeting. ND tree & NU BOP. POH w/wet string and recover slick line and tools. Guns had released. RIH w/new PLS packer. Attempt to set packer. No luck. POH and left 20 stand kill string in hole. SDFN
10/21/2004	(ft)	FOOH with packer, L/D. PU and RIH with redressed PLS packer, set. Load backside. Swab well dry. RDMO.