

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3a. Address

P.O. Box 552 Midland, TX 79702

3b. Phone No. (include area code)

1-800-351-1417

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL "A", Sec. 33, T-26N, R-5W

800' FNL & 800' FEL

Rio Arriba N.M.

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.

Jicarilla Apache # 12

9. API Well No.

30-039-20002

10. Field and Pool, or Exploratory Area

Blanco Mesa Verde

Chacra

11. County or Parish, State

Rio Arriba N.M.

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompleate 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 recompleation 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 final site is ready for final inspection.)

Propose to add Blanco Mesa Verde Meneffe, and Chacra Perfs. Stimulate same as per attached workover procedure.



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

Name (Printed/Typed)

Jerry Fletcher

Title

Engineer Tech.

Date 7-06-00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Patricia M. Hester

Title Lands and Mineral Resources

Date

JUL 24 2000

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, makes 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.

District I
PO Box: 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-20002	² Pool Code 72319	³ Pool Name BLANCO MESA VERDE
⁴ Property Code 6414	⁵ Property Name JICARILLA APACHE	⁶ Well Number 12
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁹ Elevation G.L. 6541

¹⁰ Surface Location									
UL or lot no. "A"	Section 33	Township 26N	Range 5W	Lot. Idn	Feet from the 800'	North/South Line NORTH	Feet from the 800'	East/West line EAST	County RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Dedicated Acres 320 E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON--STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u><i>Jerry Fletcher</i></u> Printed Name JERRY FLETCHER Title ENGINEER TECH. Date 7-05-00
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. <u>N/A</u> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

strict I
Box 1980, Hobbs, NM 88241-1980
strict II
1 S. 1st Street, Artesia, NM 88210-2834
strict III
00 Rio Brazos Rd., Aztec, NM 87410
strict IV
40 South Pacheco, Santa Fe, NM 87505

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-20002		² Pool Code		³ Pool Name CHACRA	
⁴ Property Code 6414		⁵ Property Name JICARILLA APACHE			⁶ Well Number # 12
⁷ OGRID No. 14021		⁸ Operator Name Marathon Oil Company			⁹ Elevation G.L. 6541

¹⁰ Surface Location									
UL or lot no. "A"	Section 33	Township 26N	Range 5W	Lot. Idn	Feet from the 800'	North/South Line NORTH	Feet from the 800'	East/West line EAST	County RIO ARriba

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON--STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: Printed Name: JERRY FLETCHER Title: ENGINEER TECH. Date: 7-05-00
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. N/A Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

WORKOVER PROCEDURE

Jicarilla Apache #12

Jicarilla Field

800' FNL & 800' FEL of Sec. 33, T-26-N, R-5-W
Rio Arriba County, New Mexico

Date: June 9, 2000

Purpose: Add Menefee and Chacra pay and DHC

GWI: 100% NRI: 87.5%

AFE #: AFE Amount: \$140,150 AFE Days: 7

Elevations: KB: 6554' GL: 6541'

TD: 7355' PBTD: 7330' Spud Date: 2/6/1967

Surface Csg: 10-3/4" 32.75# H-40 @ 419' cmt'd w/ 475 sks (Circulated)

Intermediate: 7-5/8" 24# H-40 @ 3004' cmt'd w/ 600 sks (Circulated)

Production Csg: 4-1/2" 11.6# J-55 @ 7353' cmt'd with 500 sks in two stages w/ DV tool @ 5379' (TOC @ 2550' by TS)
[Drift = 3.875" 80% Burst = 4280 psi]

Tubing: **Inner String:** 7050' of 1-1/2" coil tubing with seal assembly for Baker "F" nipple installed in CT @ 5297'
Outer String: 60 jts 2-3/8" J-55 EUE tbg, Model "L" sliding sleeve, 1 - 10', 1 - 8', & 1 - 4' pup jts, 8 blast jts, 1 jt tbg, "F" nipple, 1 jt tbg, Baker Model A-3 Lok-Set pkr, 54 jts 2-3/8" J-55 EUE tbg, "R" nipple - EOT @ 7043' (Lok-Set pkr @ 5329')

Perforations: Mesaverde (Point Lookout): 5107 - 5262' (96 shots)
 Graneros/Dakota: 7074 - 7303' (74 shots)

Anticipated BHP: ±1300 psi (estimated original pressure) in the Chacra
 ±1500 psi (estimated original pressure) in the Menefee
 ±500 psi in the Point Lookout
 ±500 psi in the Dakota

Comments: 1) Use 2% KCl in all workover fluids

PROCEDURE

1. Inspect location and improve if necessary. Install and test safety anchors to 22,500#.
2. RU Coil Tubing Unit. Kill well as necessary. NU BOP. Pull 1-1/2" CT. Send CT to Hobbs yard. RD Coil Tubing Unit.
3. MIRU PU. Kill well as necessary. ND wellhead. NU 7-1/16" BOP as per Mid-Continent Region's "Workover and Completion Guidelines". Function test BOP. POOH with Baker Lok-Set pkr and 2-3/8" production tubing. RIH w/ 4-1/2" RBP & setting tool on 2-3/8" tbg. Set plug at ±250'. Test pipe rams to 1500 psi. Release from plug. POOH w/ setting tool. Test blind rams to 1500 psi. RIH & release plug. POOH.
4. RU electric line. NU and test lubricator to 1500 psi. RIH w/ 4-1/2" RBP & set @ ±5060'. Dump 10' sand on RBP. RIH with 3-1/8" select-fire guns loaded 1 SPF @ 0 degree phasing with premium charges and perforate the Menefee as follows: 4700', 27', 30', 77', 90', 93', 4801', 21', 23', 45', 48', 66', 4900', 03', 13', 19', 23', 65', 92', 5003', 07', and 13' (22 shots). Use Schlumberger GR-CBL log dated 7/7/94 for correlation. POOH & RD electric line.
5. RU to frac well down casing. RU flowback line to frac tank. RU stimulation company. Hold safety meeting. Test lines to 6000 psi. Stimulate Menefee perfs as per recommendation @ 40-45 BPM using 120,000# of 20/40 sand. Limit maximum treating pressure to 4250 psi. Fluid flush to top perf.
6. NU lubricator and RIH with CIBP. Set CIBP at ±3900' and test to 2000 psi. RIH with a 3-1/8" casing gun loaded 2 SPF @ 120 degree phasing with premium charges and perforate the Chacra from 3776-3803' (27' - 54 shots). POOH.
7. Stimulate Chacra as per recommendation using 65,000# of 20/40 sand. Limit maximum treating pressure to 4250 psi. Flow back well immediately between 1 and 2 BPM. RD stimulation company while flowing well.
8. RU foam air unit. RIH with 3-7/8" bit and clean out to CIBP @ ±3900'. PU EOT to above Chacra perfs. Jet or swab well in as necessary. Establish stable flow rates. RU test unit and flow test Chacra for a minimum of 6 hours. Drill up CIBP @ ±3900' and clean out to RPB @ ±5060'. POOH.
9. RIH w/ retrieving tool & pull RBP @ ±5060'. (Expect gas bubble and/or loss of hydrostatic head when RBP is released).
10. RIH w/ notched collar, mud joint and seating nipple on 2-3/8" production tubing. CO to PBTD @ 7330'. Land EOT @ ±7200'. ND BOP. NU wellhead. Swab well in as necessary. RD PU. Turn well over to production.

XC: D. W. Arnst
D. K. Barker
M. D. Bidwell

J. A. Bucci
G. W. Donaghey
T. P. Kacir

W. S. Landon
R. J. Longmire
R. Skinner

Well File