

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 "D" Sec. 34 T-26-N, R-5W,
990' FNL & 990' FWL
Rio Arriba Co. 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 # 3

9. API Well No.

30-039-06260

10. Field and Pool, or Exploratory Area
Pictured Cliffs

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

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 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 perforate the Pictured Cliffs and 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

Title

Date

Office

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.

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
O Box 1980, Hobbs, NM 88241-1980
District II
11 S. 1st Street, Artesia, NM 88210-2834
District III
000 Rio Brazos Rd., Aztec, NM 87410
District IV
040 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

700 JUL 10 PM 1:10 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

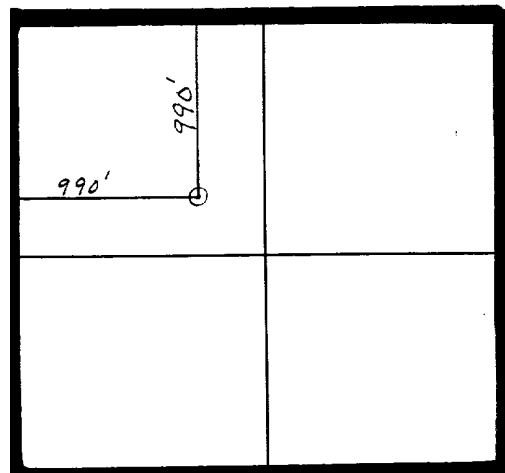
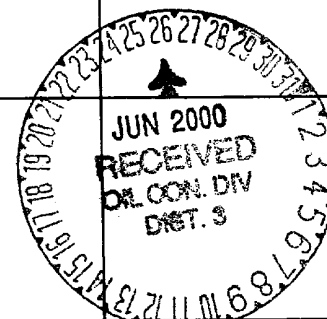
¹ API Number 30-039-06260		² Pool Code 72439		³ Pool Name PICTURED CLIFFS	
⁴ Property Code 6414		⁵ Property Name JICARTILLA APACHE			⁶ Well Number # 3
⁷ OGRID No. 14021		⁸ Operator Name Marathon Oil Company			⁹ Elevation 6547'

¹⁰ Surface Location									
UL or lot no. "D"	Section 34	Township 26-N	Range 5-W	Lot. Idn	Feet from the 990'	North/South Line NORTH	Feet from the 990'	East/West line WEST	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.
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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

				<i>Dedicated Acreage</i>				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>Jerry Fletcher</u> Printed Name <u>JERRY FLETCHER</u> Title <u>ENGINEER TECH.</u> Date <u>July 06, 2000</u>	
						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			

[illegible]

WORKOVER PROCEDURE

Jicarilla Apache #3

Jicarilla Field

990' FNL & 990' FWL, Sec 34, T-26-N, R-5-W

Rio Arriba County, New Mexico

Date: April 27, 2000

Purpose: Recomplete in Pictured Cliffs and DHC

GWI: 100% NRI: 87.5%

AFE #: 591700 AFE Amount: \$107,250 AFE Days: 6

Elevations: KB: 6560' GL: 6547'

TD: 3904' PBTD: 3902' Spud Date: 10-16-55

Surface Csg: 10-3/4" 32.75# H-40 @ 224' Cmt'd w/ 150 sks (Circulated)

Production Csg: 7" 20# J-55 8rd @ 2929' Cmt'd w/ 150 sks (TOC @ 1890' by TS)
[Drift (20#) = 6.331" 80% Burst (20# J-55) = 2992 psi]

Production Lnr: 4-1/2", 9.5# J-55 @ 3904' – TOL @ 2892' Cmt'd w/ 175 sks (Circ'd) – TOL Sqz'd w/ 100sks
[Drift (9.5#) = 3.965" 80% Burst (9.5# J-55) = 3504 psi]

Tubing: 121 jts 1-1/4" 2.4# J-55 EUE, 3' perforated pup, 1 jt 1-1/4" 2.4# J-55 EUE, EOT @ 3805'
Note: There is a 4' x 2-3/8" 4.7# J-55 EUE pup on top of tbg string.

Perforations: Chacra: 3800 –22' (44 shots)

Anticipated BHP: ±200 psi in the Chacra
±350 psi (from SI press in 1963) in the Pictured Cliffs

Comments: 1) Use 2% KCl (no substitutes) in all workover fluids.
2) Use 2-7/8" N-80 tbg as work string.

PROCEDURE

1. Inspect location and improve if necessary. Install and test safety anchors to 22,500# as necessary. (Note: Last well work done in 1963.)
2. 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 LD 1-1/4" production tubing. Change pipe rams to 2-7/8". RIH w/ 7" RBP & setting tool on 2-7/8" WS. Set plug at ±250'. Test pipe rams to 1500 psi. Release from plug. POOH w/ setting tool. Test blind rams to 1500 psi. RIH and pull 7" RBP.
3. RIH with 4-1/2" RBP and test pkr. Set RBP at ±3700' and test to 2000 psi. Spot ~10' sand on top of RBP. POOH.
4. RU electric line company. NU and test lubricator to 500 psi. Run GR-CCL strip across interval ±3700-2700'. Use Schlumberger GR-Induction log dated 3/13/63 for correlation. RIH with 3-1/8" casing guns loaded 2 SPF @ 120 degree phasing with premium charges and perforate the Pictured Cliffs intervals 2918-44', 3018-24', & 3028-34' (38' – 76 shots). POOH & RD EL.
5. RIH with 7" treating packer on 2-7/8" WS. Hydro-test tbg below slips to 6000 psi. Set pkr just above TOL @ 2862'. Test casing x tubing annulus to 500 psi.
6. RU flowback line to frac tank. RU stimulation company. Hold safety meeting. Test lines to 6000 psi. Place 500 psi on annulus and monitor while treating well. Break down perms with 1000 gals 15% HCl acid. Foam frac the Pictured Cliffs as per recommendation using 85,000# of 20/40 sand @ 30 BPM with a maximum treating pressure of 5500 psi. Displace to top perf. Flow back well immediately between 1 and 2 BPM. RD stimulation company while flowing well.
7. If well will flow, RU test unit and flow test Pictured Cliffs for a minimum of 3 hours. If well will not flow, go to Step #8.
8. RIH with retrieving tool for RBP @ 3700'. Clean off sand as necessary and POOH with RBP laying down 2-7/8" WS. (Note: Expect gas bubble and/or loss of hydrostatic head when RBP is released.)
9. RIH w/ notched collar, mud joint and seating nipple on 2-3/8" production tubing. Tag TD and clean out as necessary. Land EOT @ ±3800'. ND BOP. Jet or swab well in as necessary. RDMO PU. Turn well over to production.

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

J. A. Bucci
G. W. Donaghey
W. J. Dueease

T. P. Kacir
W. S. Landon
R. J. Longmire

R. Skinner
K. W. Spilman
Well File

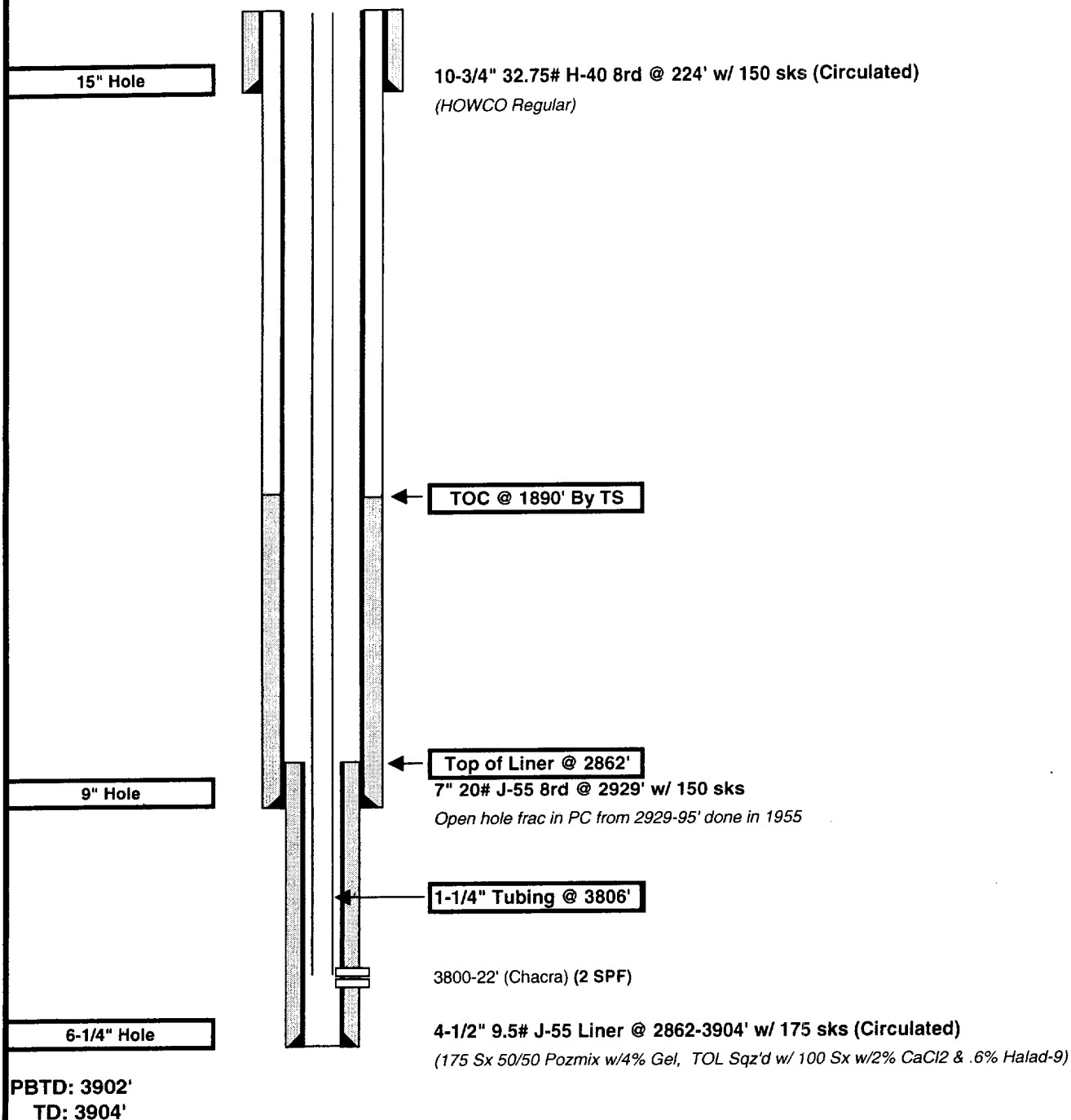


MARATHON OIL COMPANY
MID-CONTINENT REGION
MIDLAND OPERATIONS NORTHWEST NEW MEXICO

FIELD: JICARILLA
LEASE: JICARILLA APACHE
COUNTY: RIO ARriba
STATE: NEW MEXICO

DATE: 08/11/99
WELL: 3
BY: TL CHASE
Rev 4-19-2000 by MDB

API: 30-039-06260 REACHED TD: 10/26/55 GL: 6547'
SPUD DATE: 10/16/55 COMPLETED: 12/07/55 KB: 6560'
LOCATION: 990' FNL & 990' FWL, SEC 34, T26N, R 5W, UNIT LETTER "D"



Well History

Nov '55	Frac'd Pictured Cliffs open hole @ 2929-95' w/ 37,200 gal water & 45,000# sand. Turned to production flowing 1330 mcfpd @ 150# CP.
Mar '63	Deepened from 2995' to 3904' w/ 6-1/4" bit. Set 4-1/2" liner @ 2862-3904' w/ 175 sks. Sqzd liner top w/ 100 sks. Perf'd Chacra (2 SPF) @ 3800-22'. Frac'd w/ 20,000 gal water using 20,000# 20/40 sand & 10,000# 10/20 sand. CAOPF = 968 mcfpd @ 885# TP.