

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

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.

99 MAR 26 AM

5. Lease Serial No.
Tract 251-Contract 154

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

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

8. Well Name and No.
Jicarilla Apache No. 16

9. API Well No.
30-039-20529

10. Field and Pool, or Exploratory Area
Mesaverde/Basin Dakota

11. County or Parish, State
Rio Arriba, NM

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 2490, Hobbs, NM 88241

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter I, 1600' FSL and 900' FEL
Section 34, T-26-N, R-5-W

APR 1 6 1999

OIL CONDUITS
DIST. (505) 393-7106

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 checked="" 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 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 final site is ready for final inspection.)

Marathon Oil Company proposes to fix the problem associated with pressure between the production and intermediate casing strings. We will use the attached procedure to perform this work.

RECEIVED
BLM
99 MAR 22 PM 1:24
070 FARMINGTON, NM

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

Thomas P. Kacir

Title

Production Engineer

Date 3/19/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title Lands and Mineral Resources

Date

APR 15 1999

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

Jicarilla No. 16
UL I, 1600' FSL and 900' FEL
Section 34, T-26-N, R-5-W
Rio Arriba County, New Mexico

Purpose: Fix Casing Leak

PROCEDURE

1. Inspect location. Test safety anchors and replace as needed.
2. MI and hook up blowback tank to intermediate casing. Blow intermediate casing down.
3. MIRU PU. ND wellhead and NU BOP equipment.
4. POOH with tubing.
5. Pick up 4-1/2" RBP & packer. TIH. Set RBP at 3000'. Test to 500 psi with packer.
6. Pull up hole testing casing with packer to find casing leak.
7. Establish rate into leak. Record rate & pressure.
8. Dump 2 sks sand (~21') on plug.

If using a packer perform Step 9a through 9f. Skip Step 10 (for cmt retainer) and goto Step 11.
If using a cement retainer skip Step 9 and perform Step 10a through 10g. Then goto Step 11.

9.
 - a. Pull up and set packer 200' above casing leak. Drop standing valve. Pressure up backside to 500 psi. Test tubing to 3000 psi. Retrieve standing valve.
 - b. RU Halliburton. Break circulation using water. Establish injection rate.
 - c. Mix and pump cement. Volume of cement to be determined after locating casing leak. Wash up pump and lines.
 - d. Start displacement @ 1 BPM. If pressure is observed, squeeze as pressure dictates. Other wise displace to bottom of packer.
 - e. Release packer and pull 2 stands. Reverse cement to pit. Set packer and close valve. RD Halliburton. Leave SI overnight.
 - f. Release packer. POOH.
10.
 - a. TIH with 4 1/2" cement retainer, stringer and seating nipple.
 - b. RU Halliburton. Clear tool with water. Set retainer.
 - c. Sting out of retainer. Break circulation using water.
 - d. Sting into retainer. Pressure up backside to 700 psi. Test tubing to 3000 psi.
 - e. Establish injection rate. Mix and pump cement. Wash up pump and lines.

- f. Start displacement @ 1 BPM. If pressure is observed, squeeze as pressure dictates. Otherwise displace to bottom of cement retainer. Sting out of retainer and reverse cement to pit.
 - g. RD Halliburton. POOH with stinger.
11. TIH with 3-7/8" bit and 6 (2-7/8") Drill Collars on 2-3/8" tubing to top of cement or cement retainer.
 12. RU drilling head and power swivel. Drill out cement retainer in one and cement to top of sand on RBP. PU and test squeezed interval to 500 psi. Circulated out sand to top of RBP.
 13. POOH. Laying down bit and collars.
 14. TIH with retrieving tool and SN to top of RBP. Swab water down to SN.
 15. Pump water to wash off top of RBP. Latch RBP and release. POOH.
 16. TIH (from bottom to top) with a notched collar, API SN, 2-3/8" tubing to surface. Stop tubing at 7310'.
 17. Swab water load back. Pull up hole. Land tubing at 7258' and SN at 7257'.
 18. ND BOP equipment. NU wellhead. Swab well in.
 19. RDMO PU.