

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30 2000

3. Lease Serial No.

NM 070522 A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

INDIAN BASIN E #2

9. API Well No.

30-015-29017

10. Field and Pool, or Exploratory Area

INDIAN BASIN UPPER PENN GAS
POOL

11. County or Parish, State

EDDY COUNTY, 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 552, Midland, TX 79702

3b. Phone No. (include area code)

915-682-1626

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

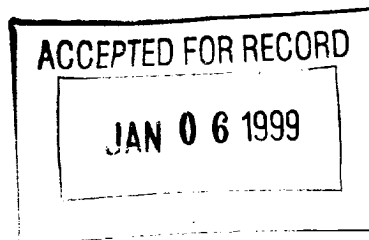
UL "F" 1850' FNL & 1950' FWL
SECTION 27, T-21-S, R-23-E

12. CHECK 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 checked="" type="checkbox"/> Deepen	<input 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>INSTALL</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>ARTIFICIAL LIFT</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Coompleted 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.)
SEE ATTACHED FOR DETAIL

THIS WORK COMMENCED 9/29/98



(ORIG. SGD.) GARY GOURLEY

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

Ginny Larke

Title

Engineer Technician

Date

12-21-98

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, 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.

RECEIVED
JUL 23 98
STL
FBI

INDIAN BASIN "E" WELL NO. 2

API #30-015-29017

ATTACHMENT TO FORM 3160-5
December 21, 1998

1. MIRU PU. Blew down tbg. & csg. RD tree. RU snubber & rigged up equipment to run with snubber.
2. Released packer. POOH w/tbg. L/D packer & perforated joint. RU loggers and lubricator.
3. Ran gamma ray log. RD loggers.
4. RIH w/bit on 29 - 3½" collars and 50 stands of pipe.
5. Picked up swivel. Tagged up high. Washed down to drilling point. Drilled from 7390'-7446'.
6. L/D swivel & POOH.
7. RIH w/bit tagging fill. Picked up swivel & started pumping nitrogen down hole.
8. Drilled from 7446'-7539'. Mist w/PW to lift cuttings. Circ. cuttings to surface. L/D swivel & POOH.
9. RIH w/bit & tagged bottom. Picked up swivel & drilled from 7540'-7600'. Circ. wellbore clean.
10. RU Halliburton and pumped 4000 gals. acid in four 1000 gal. stages.
11. RIH to TD w/bit. Cleaned out well bore w/nitrogen. L/D swivel & POOH w/50 stands of pipe.
12. 500 psi on csg. Bled down. Could not blow down tbg. (floats not holding).
13. Pumped 30 bbls. Water down hole. Killed tbg. Stripped up w/20 stands. Killed well.
14. POOH. L/D 4 drill collars. RIH w/overshot & latched onto fish @ 6957'. Couldn't work fish free.
15. Released overshot. POOH t/3650'. Stripped out of hole.
16. PU overshot, DC's, and jars on 2 7/8" tubing. RIH to top of fish @ 6900'. Hung off tbg.
17. RD snubbing unit & 9" BOPs. NU 7-1/16" 5M BOP & Torus annular.
18. RI to 6957'. Latched onto fish and jarred it free.
19. POOH w/tbg and L/D DC's. Left 5 DC's in hole.
20. RU wireline. Perfed w/4 spf from 7344'-60'.
21. RIH w/overshot, jars, & 4 DC's to 7480'. Could not latch onto fish. Box swelled.
22. POOH. PU shoe w/tungsten carbide dressing. TIH. Milled over fish @ 7480'. Latched onto fish and jarred on it. Parted 2-7/8" tbg. @ 156'.
23. RIH w/overshot. Latched onto tbg. @ 156'. Attempted to jar fish. Jars were not working. Released off bottom overshot @ 7480'. POOH w/2-7/8" tbg & fishing tools. L/D 60 jts. corkscrewed tbg.
24. PU overshot, bumper sub, jars, four 3 ½" DC's, Acc. Sub, and 2 more DC's. RIH to 7480'. Latched onto fish and jarred for 3 hrs. No movement. Pumped thru fish. Could not jar free.
25. RU wireline. Ran free point. Could not get to bit. Backed off @ 7542'. POOH w/fish. Recovered one DC. Left four in the hole.
26. PU 4 jts. 4 ½" OD washover pipe. Washed from 7513' to 7559'. Could not wash down. POOH w/washover pipe. RIH w/overshot.
27. Latched onto fish @ 7484'. POOH recovering two DC's. RIH w/washover pipe. Washed over fish from 7552'-7576'. Could not wash further.
28. POOH w/washover pipe. RIH w/overshot & latched on to fish. Could not work it loose. POOH.
29. L/D collars and overshot. RIH w/PPI tool to bottom perf. and acidized w/125 gpf in 2 stages.
30. Pulled FC valve and standing valve and swabbed well for 3 hrs. Released PPI packer and POOH.
31. POOH w/killstring. RU spooler and RIH w/production and CT strings. Landed tbg, ND BOP & RU tubing hanger.
32. RIH w/insert pump on steel and fiberglass rods. Tested pump action. Hung off rods and rigged down.

RECEIVED
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BLM
ROSWELL NM