

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

N. M. Oil Cons. Division  
8. 1ST ST.  
ARTESIA, NM 88210-2804

FORM APPROVED  
Budget Bureau 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.*

Case Serial No.  
**NM LC-06293**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**INDIAN HILLS UNIT**

8. Well Name and No.  
**INDIAN HILLS UNIT 10**

9. API Well No.  
**30-015-30571**

10. Field and Pool, or Exploratory Area  
**INDIAN BASIN, U. PENN**

11. County or Parish, State  
**EDDY NM**

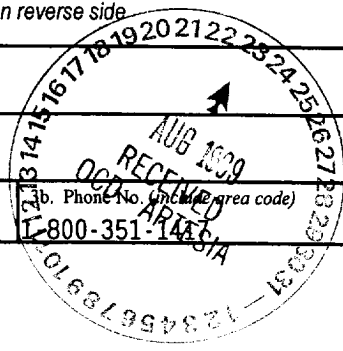
SUBMIT IN TRIPLICATE - Other instructions on reverse side

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**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**U.L. "E" 2080' FNL & 660' FWL  
SEC. 28, T21S, R24E**



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 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 type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <b>SPUD &amp; CSG OPERATIONS</b>
	<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 recomplete 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 recompletion 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.)

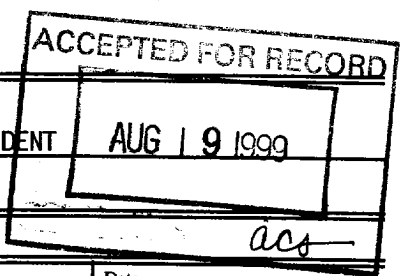
2/15/99, MIRU McVay # 4, Spud 12.25" hole @ 1000 hrs, 2/16/99. Drilled to 1221'. Ran 29 jts, 9.625", 36 #, K-55, STC casing to 1230', shoe @ 1221', Float collar @ 1180'. Cemented w/ 200 sx Thixset Wt-14.0, yield- 1.52, followed by 150 sx. Premium plus Wt - 12.4, yield - 2.02. Tailed in w/ 200 sx premium plus neat, Wt 14.8, yield - 1.34. Did not circulate cement. Tagged cement @ 255'. Cemented w/ 1" tubing, 150 sx, Class "C" in 3 stages to 255'. Cemented to surface w/ 5 x cement. Welded 9.625" SOW X 11" 3M casing head. Tested weld to 1500 psi. N.U. 11" 3M dual ram and annular BOPE, choke manifold and kill line. Tested BOPE to 3000/300 psi. Tested annular to 2000 psi. P.U. 8.75" bit and TIH to TOC @ 1158', tested casing to 1000 psi. Drilled shoe and formation to 8190' TD @ 1300 hrs 3/1/99. R.U. Schlumberger, ran Platform - Express w/ HALS/NGT 8041' - Surface.

Changed rams to 7", ran 75 jts, 26 #, K-55, 105 jts, 23 #, K-55, 2 jts, 26 #, K-55 LTC casing to 8190'. Shoe @ 8148', float collar @ 8142', ECP @ 6294', D.V. @ 6284'. Cemented 1st. stage w/ 125 sx Premium Plus w/ 3510 Scf N2, Wt - 9.2, yield - 1.18. Tailed in w/ 225 sx Premium Plus foamed w/ 150 SCF N2, Wt - 13.2, yield 1.18. Set ECP & dropped bomb, opened D.V. tool @ 6284', circulated out gas and water, had full returns, did not circulate cement. Cemented 2nd stage w/ 550 sx. Interfil C w/ .25 p.p.s. flocele, 3 p.p.s. Gilsonite, .2% Halad - 22, Wt - 11.9, yield - 2.47. Tailed in w 100 sx neat. Plug down @ 0145 hrs, 3/20/99. Circulated 11 sx to surface.

ND BOPE and set slips, NU 11" 3M X 7 1/16" 3M tubing spool. Tested seals to 1000 psi. Released rig @ 2000 hrs 3/4/99.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **R. J. LONGMIRE** *Walter J. Longmire*

Title **DRILLING SUPERINTENDENT**  
Date **8/17/99**



**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, 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.

(Instructions on reverse)

