

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Cons. FORM APPROVED  
N.M. DIV-Dist. 2 OMB NO. 1004-0135  
1301 W. Grand Avenue Expires: November 30, 2000  
Artesia, NM 88210

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

SALT WATER DISPOSAL WELL

2. Name of Operator

Marathon Oil Company

3a. Address

P.O. Box 552 Midland, TX 79702

Phone No. (include area code)

800-351-1417

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

SHL: UL "L", 1494' FSL & 688' FWL

BHL: UL "F", 1493' FNL & 1523' FWL

SECTION 20, T-21-S, R-24-E

6. If Indian, Allottee or Tribe Name

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

NM 70964B

8. Well Name and No.

INDIAN HILLS UNIT #30

9. API Well No.

30-015-31655

10. Field and Pool, or Exploratory Area

INDIAN BASIN MORROW GAS POOL

11. County or Parish, State

EDDY COUNTY NM

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 ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation  
☐ Casing Repair ☐ New Construction ☐ Recomplete  
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon  
☒ Convert to Injection ☐ Plug Back ☐ 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.)

Work to begin 8/22/02. MIRU PU, kill Morrow, NU BOP, and ND wellhead. Equalize PLS packer @ 9758' and release. RIH w/second packer to 9913' or 9944' depending on tubing spacing. RDPU and allow formation pressure to stabilize for several days. RU slickline & run static gradient, allowing 2 hours on bottom. MIRU PU, kill well as necessary. Release PLS packer, PUH to 9800' and set. Establish injection rate in perfs @ 9866'-9887', 9958'-9966', 9969'-9982' (42' & 252 holes) and report rates and pressures. Release PLS packer & POOH. PU overshot, RIH to 10,480' to fish perf guns & POOH. RIH open ended w/2-7/8" tbg to 10,000', RU cementers & squeeze Morrow formation w/60 sx cmt. PU, reverse out cmt & pressure up 1000 psi on plug. Drill out cmt until clear of bottom perf. Pressure test annulus to 1000 psi If csg doesn't hold pressure, squeeze Morrow formation again. Finish drilling out cmt & CIBP. Chase plug to TD @ 11,443' & POOH. RIH w/24 jts tail pipe under a 7" RTTS packer until tbg is 20' off bottom. Pump 1100 gals of acid and displace w/26 bbls water. PUH & set packer @ 10,380' (end of tail pipe @ 11,123'). Close pipe rams and monitor csg pressure to ensure packer is holding. Continue pumping remaining 5900 gals. of 17% OCA sour acid and over-displace by at least 2 bbls. After 30 minutes, release packer & POOH. PU & RIH w/7" X 4-1/2" injection packer w/pump out plug on 2-7/8" tbg. Space out & set packer between 10,600' & 10,650'. Tag top of packer to ensure it is set. POOH w/tbg & LD. RIH w/9-5/8" RBP & set @ 1000'. RD PU & RU csg crew. RIH w/4.5" & 7" L-80 plastic lined csg & sting into injection packer. NU wellhead & hang off 7" csg.

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

Name (Printed/Typed)

Ginny Larke

Title

Engineer Technician

Date 8/28/02

APPROVED

SEP - 9 2002

SUBJECT TO

LIKE APPROVAL

BY NMOCD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

DR. BABYAK

PETROLEUM ENGINEER

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.