

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 3487 Houston, Texas 77253-3487

3b. Phone No. (include area code)

713-296-2096

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

**UL "F", 1980' FNL & 1650' FWL
SECTION 29, T-21-S, R-24-E**

RECEIVED

MAY 18 2005

OOD-ANTEC/14

5. Lease Serial No.

NM 064391-B

6. If Indian, Allottee or Tribe Name

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

Indian Hills Unit Gas Com

8. Well Name and No.

**Indian Hills Unit Gas Com
3**

9. API Well No.

30-015-10553

10. Field and Pool, or Exploratory Area

**Indian Basin Upper Perm
Associated (33685)**

11. County or Parish, State

Eddy NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

Other **Add Perfs**

& Acidize

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 has completed operations to add perforations and acidize the existing Indian Basin Upper Perm associated pool for the Indian Hills Unit Gas Com # 3 well. Please see the attached document for details of the work performed.

ACCEPTED FOR RECORD

MAY 17 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Charles E. Kendrick

Title

Engineering Technician

Date

05/12/2005

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, 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.

**Unit F. Section 29, T-21-S, R-24-E
Eddy County, NM**

- 03/28/2005** MIRU PU. Spot Frac tank and fill. RU reverse unit. SDFN.
- 03/29/2005** PJSM. ND tree. NU BOPS. PU on tbg.- string weight 52 pts LD-wrap around. Attempted to release packer or tbg from on / off tool with no success. SDFN.
- 03/30/2005** PJSM. Rls pkr. POH w/ 229 jts of tbg to PLS pkr. LD pkr. PU 4.75" bit, 5" casing scraper, and CCDT. RIH to hard tag TD @ 7720'. Bailed-TOH laying down entire tbg string. Dumped chamber, LD bit, scraper and bailer. Closed blinds, SDFN.
- 03/31/2005** PJSM. RU frac valve. RU lubricator- tested to 1500 psig. RIH w/ first gun and gamma tool to correlate with cased hole log. Perforations are as follows:

- (1). 7315-7339
- (2). 7356-7371
- (3). 7378-7390
- (4). 7400-7452
- (5). 7458-7480
- (6). 7484-7512
- (7). 7522-7528
- (8). 7554-7558
- (9). 7564-7568
- (10). 7585-7605
- (11). 7610-7654

Perforations were done w/ 3 3/8" guns loaded with 32g Predator XP charges @ 4 JSPF. IFL -6600'. RU & RIH w/ 4.62" guage ring to TD. Ragged TD W/L @ 7706'. RD wireline. Changed pipe rams to 2 3/8". PU 5.5" PPI packers. PU & RIH on 80 Jts of 2 3/8" tbg. SDFN.

- 04/01/2005** PJSM. RIH w/ PPI packers. Locate collar @ 7662'. Test lines & tbg to 4000 psig. Dropped RFC valve and function tested open 1410, Close 650. Pu-acidizing new perms in 2' settings @ 250 GPS w/ 15% CCA sour acid. Pumped first 98 settings. (24,500 gallons acid). Flushed w/ fresh water. SDFN.
- 04/02/2005** PJSM. Test lines & tbg to 4000 psig. Dropped replacement valve and function test open 1200 Close 580. PU- acidizing remaining perms in 2' settings @ 250 GPSw. 15 % CCA sour acid. Pumped 12,500 gallons. Overflushed with fresh water. RD HES. TOH w/ PPI packers. RIH w/ 20 stand killstring. Pumped a total of 820 bbls of 15% Carbonate Completion Acid for sour service. Used a total of 310 BFW for flush and kill for a total stimulation load of 1130 bbls.

Unit F. Section 29, T-21-S, R-24-E
Eddy County, NM

- 04/04/2005** PJSM. KW with 110 BFW. POH w/ KS. RIH w/ top part of ppi packer to 2500', set, load and test to 500 psig. TOH w/ tbg. NDBOPs. NU seaboard adapter flange. Install 7 5/8" 8rd X 7 1/16" 3M crossover flange and re-install BOPs. Left packer in place. RIH w/ tbg & retrieval tool- left swinging above packer.
- 04/05/2005** PJSM. PU & assemble P12 pump and slimline motors. Installed recirc. tube. Hung well off on 1 Jt of tbg. Closed and locked pipe rams. SDFN.
- 04/06/2005** PUH w/ pump. RU spoolers. Connected cable to motors. RIH on 245 Jts of 2 3/8" L-80 2 tbg. Land bottom of motor @ 7687.95' (PBSD- 7720'tbg). PU new hanger, make top cable splice. Land hanger in WH. NDBOPs. NU tubing valve. RD spoolers. Terminated longstring black nylon (new) @ 7590' (20' below SN) & short string black nylon (new) – 6 Jts above SN. RDPU. Bled casing to reverse pit.