

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-015-28384

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E - 9706

7. Lease Name or Unit Agreement Name:

North Indian Basin Unit

8. Well Number

20

9. OGRID Number

14021

10. Pool name or Wildcat

South Dagger Draw Upper Penn Assoc.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

RECEIVED

2. Name of Operator

Marathon Oil Company

JAN 31 2005

3. Address of Operator

P.O. Box 3487 Houston, TX 77253-3487

4. Well Location

Unit Letter **K** : **1650** feet from the **South** line and **2310** feet from the **West** line

Section **2** Township **21S** Range **23E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3736' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: **Abandon/ Squeeze Upper Penn** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Company has completed work to squeeze the South Dagger Upper Penn Associated reservoir in the North Indian Basin Unit No. 20.

Please see attached Word document for details of well work completed.

Marathon is moving forward with plans to deepen the well to the Indian Basin Morrow reservoir.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Charles E. Kendrick TITLE Engineering Technician DATE 01/25/2005

E-mail address: cekendrix@marathonoil.com

Type or print name **Charles E. Kendrick**

Telephone No. **713-296-2096**

For State Use Only

FOR RECORDS ONLY

APPROVED BY _____ TITLE _____ DATE **FEB 02 2005**

Conditions of Approval, if any:

North Indian Basin Unit No. 20
Deepen to Morrow
Work completed to abandon Upper Penn Pool

- 12/29/2004** Removed Pumping Unit. Rigged up pulling unit. Lay down rod string. Remove wellhead , unseat tubing anchor, install BOP. SI
- 12/30/2004** POOH w/ tubing. Lay down anchor and BHA. Pick up 6 1/8" bit, scraper RIH to hard tag TD @ 7950'. Trip out , lay down bit and scraper. RIH w/ 246 jts 2 7/8" tubing. Test tbg to 2000 psi. SI
- 12/31/2004** Rigged up Haliburton pumped 10 bbls water, 200 sks Premium lead cement (14.7 ppg), 200 sks Premium tail (15.6 ppg), 2 bbls fresh water. POH w/ 120 joints tubing. SI
- 01/02/2005** RIH tag top of cement @ 7740'. Ordered more cement. Pumped 50 bbls, 300 sks Premium w/ 4% bentonite, 6 lb/sk Gilsonite & .25 lb/sk of Flocele @ 14.7 ppg, 200 sks Premium tail w/ .3% Halad, 2 bbls fresh water. Pull tubing to 4042'. SI
- 01/04/2005** RIH tag top of cement @ 4730'. POOH w/ tubing. RIH w/ 6 1/8" bit, 6 4 3/4" drill collars. Drill out cement f/ 4730' to 5036'. SI
- 01/05/2005** Drill out cement f/ 5036' to 5560'. SI
- 01/06/2005** Drill out cement f/ 5560' 5980'. SI
- 01/07/2005** Drill out cement f/ 5980' to 6570'. SI
- 01/10/2005** Drill out cement f/ 6570' to 7030'. SI
- 01/11/2004** Drill out cement f/ 7030' to 7580'.
- 01/12/2004** Drill out cement f/ 7580' to 7942'. Tested perforations to 450# for 15 minutes. Held pressure. POOH w/ ten jts. SI
- 01/13/2004** POOH w/ 253 jts 2 7/8" tubing. Laid down drill collars, sub, and bit. Rigged down rig.

Waiting on drilling rig to deepen well to Morrow reservoir.