

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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.

2007 AUG 23 AM 10:48

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

ELM

210 FARMINGTON NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K. Ste 1 Farmington,

3b. Phone No. (include area code)

505-324-1090

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

535' FSL & 1325' FWL SEC 13N-27N-R10W

5. Lease Serial No

NMSF-0077329

6. If Indian, Allottee or Tribe Name

10:48

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

8. Well Name and No

CM MORRIS COM A # 1F

9. API Well No

30-045-34172

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

SAN JUAN

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 CHANGE DRILG

PROGRAM

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.)

XTO Energy Inc. proposes to change this well from a directional drill to a vertical drill per the attached procedure.

RCVD AUG 29 '07

OIL CONS. DIV.

DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

LORRI D. BINGHAM

Title

REGULATORY COMPLIANCE TECH

Date

8/22/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy L. Salvors

Title

Petroleum Engineer

Date

8/27/2007

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

FFO

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.

XTO ENERGY INC.

CM Morris Com A #1F

APD Data

August 22, 2007

Location: 535' FSL x 1325' FWL Sec 13, T27N, R10W County: San Juan State: New Mexico

GREATEST PROJECTED TD: 7031'

OBJECTIVE: Basin Dakota

APPROX GR ELEV: 6160'

Est KB ELEV: 6172' (12' AGL)

1. MUD PROGRAM:

| | | | |
|------------|-------------|---------------|---------------------|
| INTERVAL | 0' to 360' | 360' to 2500' | 2500' to 7031' |
| HOLE SIZE | 12.25" | 7.875" | 7.875" |
| MUD TYPE | FW/Spud Mud | FW/Polymer | LSND / Gel Chemical |
| WEIGHT | 8.6-9.0 | 8.4-8.8 | 8.6- 9.20 |
| VISCOSITY | 28-32 | 28-32 | 45-60 |
| WATER LOSS | NC | NC | 8-10 |

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

2. CASING PROGRAM:

Surface Casing: 8.625" casing to be set at \pm 360' in a 12-1/4" hole filled with 9.20 ppg mud

| Interval | Length | Wt | Gr | Cplg | Coll Rating (psi) | Burst Rating (psi) | Jt Str (M-lbs) | ID (in) | Drift (in) | SF Coll | SF Burst | SF Ten |
|----------|--------|-------|------|------|-------------------|--------------------|----------------|---------|------------|---------|----------|--------|
| 0'-360' | 360' | 24.0# | J-55 | ST&C | 1370 | 2950 | 244 | 8.097 | 7.972 | 7.950 | 17.13 | 28.24 |

Production Casing: 5.5" casing to be set at TD (\pm 7031') in 7.875" hole filled with 9.20 ppg mud.

| Interval | Length | Wt | Gr | Cplg | Coll Rating (psi) | Burst Rating (psi) | Jt Str (M-lbs) | ID (in) | Drift (in) | SF Coll | SF Burst | SF Ten |
|----------|--------|-------|------|------|-------------------|--------------------|----------------|---------|------------|---------|----------|--------|
| 0'-7031 | 7031' | 15.5# | J-55 | ST&C | 4040 | 4810 | 202 | 4.950 | 4.825 | 1.20 | 1.43 | 1.85 |

3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 2,000 psig WP (4,000 psig test), 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):

A. Surface: 8.625", 24.0#, J-55, ST&C casing to be set at $\pm 360'$ in 12-1/4" hole.

214 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft³/sk, & 6.70 gal wtr/sk.

Total slurry volume is 297 ft³, 100% excess of calculated annular volume to 360'.

B. Production: 5.5", 15.5#, J-55 (or K-55), ST&C casing to be set at $\pm 7031'$ in 7.875" hole. DV Tool set @ $\pm 4300'$

1st Stage

LEAD:

± 215 sx of Premium Lite HS (Type III/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 12.5 ppg, 2.01 ft³/sk, 10.55 gal wtr/sx.

TAIL:

150 sx Type III or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 14.2 ppg, 1.54 cuft/sx, 8.00 gal/sx.

2nd Stage

LEAD:

± 360 sx of Type III or equivalent cement with 8% gel & LCM mixed at 11.9 ppg, 2.54 ft³/sk, 15.00 gal wtr/sx.

TAIL:

100 sx Type III neat mixed at 14.5 ppg, 1.39 cuft/sx, 6.3 gal/sx.

Total estimated slurry volume for the 5-1/2" production casing is 1715 ft³.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 40%. It will be attempted to circulate cement to the surface.

5. LOGGING PROGRAM:

A. Mud Logger: None.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (7031') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (7031') to 3,000'.

6. **FORMATION TOPS:**

Est. KB Elevation: 6172'

No Change

**** Maximum anticipated BHP should be <2,000 psig (<0.30 psi/ft) ****

7. **COMPANY PERSONNEL:**

| Name | Title | Office Phone | Home Phone |
|---------------|-------------------------|--------------|--------------|
| John Egelston | Drilling Engineer | 505-564-6734 | 505-330-6902 |
| Jerry Lacy | Drilling Superintendent | 505-566-7917 | 505-320-6543 |
| John Klutsch | Project Geologist | 817-885-2800 | -- |

JWE
8/22/07

DRILLING CONDITIONS OF APPROVAL

Operator: XTO Energy Inc.
Lease No.: NMSF-077329
Well Name: CM Morris COM A #1F
Well Location: Sec. 13, T27N, R10W; 535' FSL & 1325' FWL

- 1) Centralizers must be run on the bottom (3) three joints on the surface casing according to Onshore Order No. 2 *Casing and Cementing Requirements* and NTL – FRA 90-1 *Requirements to Operate on Federal and Indian Leases: Casing and Cementing Requirements*.
- 2) Centralizers to impart a swirling action around the casing (such as turbolators) are required just below and into the base of the lowest usable water zone.