

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 02 2008

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.

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

5 Lease Serial No.

LC 032099 A

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

XTO Energy Inc.

3a. Address

200 LORAIN, STE. 800 MIDLAND, TX 79701

3b. Phone No. (include area code)

432-620-6740

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

660 Feet from the South line and 1980 Feet from the East line; Unit Letter O, Section 18, T-21-S, R-36-E, NMPM, Lea County, New Mexico

7. If Unit or CA/Agreement, Name and/or No.
NM 70948A

8. Well Name and No

EUNICE MONUMENT 415

SOUTH UNIT

9 API Well No.

30-025-04671

10. Field and Pool, or Exploratory Area

EUNICE MONUMENT; GRAYBURG

SAN ANDRES

11. County or Parish, State

LEA

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☐ 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

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)

1. MIRU PU. ND WH. NU BOP. TIH with 2-7/8" workstring and tag CICR @ 3,800'.
2. Mix and circulate 9.0 ppg mud. Spot 60 sx cement. PUH to 3,000' and circulate clean.
3. Tag TOC (3,110').
4. PUH to 2,900'. Spot 40 sx cement. PUH to 2,300' and circulate clean.
5. Tag TOC at 2,440'.
6. PUH to 500'. Fill cement inside 5-1/2" casing from 500' to surface. This should take roughly 43 sks plus 5% excess so assume a total of 47 sks for the surface plug.
7. POOH and lay down all equipment. RDMO.
8. Cut off wellhead and anchors, install dryhole marker, and clean location.

Approval Subject to General Requirements
& Special Stipulations Attached14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kristy Ward

Title

Regulatory Analyst

Date 02/20/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Stephen J Coffey /s/ Don Peterson

Title

AFM

Date

3-28-08

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.

Chevron



WELL DATA SHEET

LEASE: EMSU WELL: 415
 LOC: 660' F S L & 1980' F E L SEC: 18
 TOWNSHIP: 21S CNTY: Lea
 RANGE: 36E UNIT: O ST: NM
 (formerly: Lockhart "A-18" # 2)

FORM: Grayburg / San Andres DATE: _____
 GL: 3628' DF STATUS: _____
 KB: 3635' API NO: 30-025-04671
 DF: _____ CHEVNO: FA 58120 01

Date Completed: 12/19/34
 Initial Production: F/1056 BOPD
 Initial Formation: Grayburg
 FROM: 3837' to 3924' / GOR 1370

Completion Data

Natural

Subsequent Workover or Reconditioning:

8/8/63 Set 20 SX cmt plug f/ 3700-3540'. Set 20 SX cmt plug @ surf P&A'd well
 3/25/85 D/O, C/O wellbore to TD Set pkr @ 3775' & tst csg to 500 psi OK Well turned over to unit by Conoco
 9/85 XO WH. Tag @ 3915'. Log well Acdz OH w/ 3500 gal 15% NeFeA & 600 #GRS in 3 stgs Ran prod equip Scale inhibit well Put well on prod. Pump tested 3 months Last tst 0 BO/ 330 BW/5 MCFPD FL = unknown
 3/17/88 Ran prod log Major entry @ 3865-85' No oil
 10/22/89 POH w/ prod equip Set CIRC @ 3800' Sqzd OH 3837-3924' w/ 150 SX Did not achieve sqz press Circ pkr fld Tst csg to 500 psi - OK Well status changed to T/A

Additional Data:

T/Queen @ 3650'
 T/Penrose @ 3806'
 T/Grayburg Zone 1 @ 3985'
 T/Grayburg Zone 2 @ 4030'
 T/Grayburg Zone 2A @ 4135'
 T/Grayburg Zone 3 @ 4182'
 T/Grayburg Zone 4 @ 4223'
 T/Grayburg Zone 5 @ 4300'
 T/Grayburg Zone 6 @ 4350'
 T/San Andres @ 4394'
 KB @ 3635'

10-3/4" OD
 40 5# CSG
 Set @ 336' W/ 175 SX
 Cmt circ.? Yes
 TOC @ surf. by calc

7-5/8" OD
 26 4# CSG
 Set @ 1654' W/ 300 SX
 Cmt circ.? No
 TOC @ 71' by calc

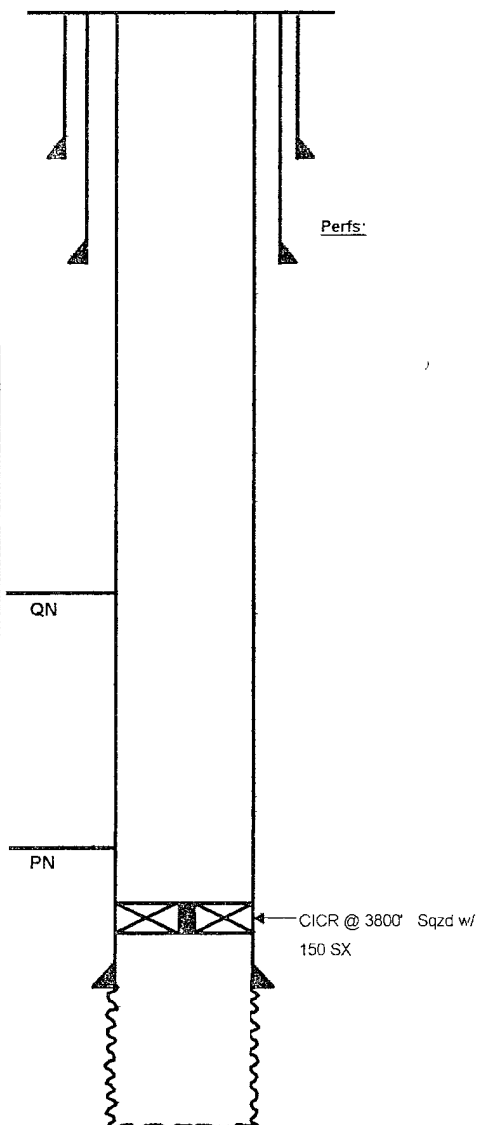
Tubing Detail: 9/17/85

Original KBTH 6 00'

Landed @

NO ROD DETAIL

5-1/2" OD
 17# CSG
 Set @ 3837' W/ 250 SX
 Cmt circ.? No
 TOC @ 1071' by calc



Z1

Z2

Z2A

Z3

Z4

PBD: 3800'

TD: 3924'

FILE: EMSU415WB.XLS



EMSU 415
LEA COUNTY, NEW MEXICO
March 28, 2008

ELEVATION: PBTD – 3,800' (CICR) KB – 3,635'
TD – 3,924' GL – 3,628'

WELL DATA:

Current Status: TA'd. TA extension rejected by state.

Surface Casing: 10-3/4" 40.5#. Set at 336'. Cmnt'd w/175 sx. Circulated.

Int. Casing: 7-5/8" 26.4#. Set at 1,654'. Cmnt'd w/300 sx. TOC@ 71' by calc..

Prod. Casing: 5-1/2" 17#. Set at 3,837'. Cmnt'd w/250 sx. TOC@ 1,071' by calc..

COMPLETION:

TA'd w/ CICR @ 3,800'
Open Hole:
Grayburg 3,837 – 3,924 87' – Sqz'd

OBJECTIVE: Plug and Abandon Well

RECOMMENDED PROCEDURE

(Verify that anchors have been set and tested per NM OCD & OSHA guidelines)
This is a FEDERAL well.

Plugging will be done by Basic with a turnkey bid.

1. Notify OCD & BLM of intent to plug and abandon well.
2. MIRU PU. ND WH. NU BOP. TIH with 2-7/8" workstring and tag CICR @ 3,800'.
3. Mix and circulate 9.0 ppg mud. Spot 60 sx cement. PUH to ~3,000' and circulate clean.
4. WOC overnight. Tag TOC (~3,110') first thing next morning.
5. PUH to 2,900'. Spot 40 sx cement. PUH to ~2,300' and circulate clean.
6. WOC four hours. Tag TOC at ~2,440'.



EMSU 415
LEA COUNTY, NEW MEXICO
March 28, 2008

7. PUH to 1,800'. Spot 40 sx cement. PUH to ~1,200' and circulate clean.
8. WOC four hours. Tag TOC at ~1,340'.
9. RIH w/ wireline to 450' and perforate squeeze holes in 5-1/2" casing.
10. Pump cement down casing and through squeeze holes. Circulate cement to surface. This should take roughly 110 sx plus 10% excess so assume a total of **120 sx** for the surface plug.
11. POOH and lay down all equipment. RDMO plugging company.
12. Cut off wellhead and anchors, install dryhole marker, and clean location.

Recommended by:

Lane Pearson

Date: _____

Approved by:

Trey Krampf

Date: _____

Approved by:

Guy Haykus

Date: _____



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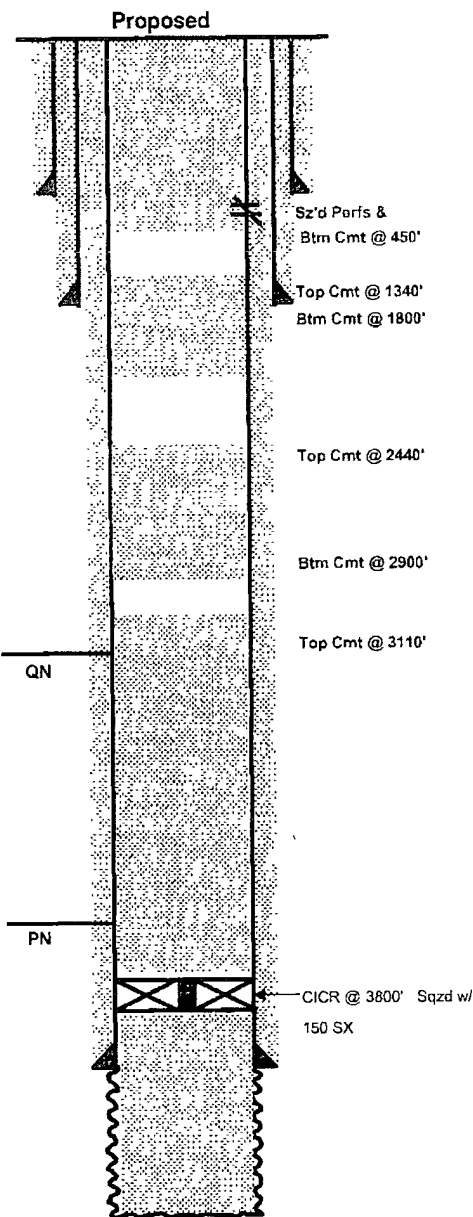
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FILE: EMSU415WB.XLS
printed: 3/28/2008

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2 **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3 **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet, a 3M system for a well not deeper than 13,636 feet, and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6 **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. ~~The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location~~ (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.