Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS OCD
OCT 24 2018
RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

**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 page 2***

5. Lease Serial No.
NMLC032099B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NM68885U4940

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
EMSU 389

2. Name of Operator
XTO ENERGY INCORPORATED
Contact: CHERYL ROWELL
E-Mail: CHERYL_ROWELL@XTOENERGY.COM

9. API Well No.
30-025-04631-00-S1

3a. Address
6401 HOLIDAY HILL ROAD BLDG 5
MIDLAND, TX 79707

3b. Phone No. (include area code)
Ph: 432-571-8205

10. Field and Pool or Exploratory Area
EUNICE MONUMENT-GRAYBURG-SA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 14 T21S R36E SWNW 1980FNL 660FWL

11. County or Parish, State
LEA COUNTY, NM

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| ☐ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☒ Subsequent Report | ☐ Alter Casing | ☐ Hydraulic Fracturing | ☐ Reclamation | ☐ Well Integrity |
| ☐ Final Abandonment Notice | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| | ☐ 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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Tag TOC @3684?
Spot 3 sxs cmt 3694-3262, WOC tag TOC 3269?
Spot 60 sxs cmt 2931-2323, WOC, tag TOC 2387?
Perf and squeeze 40 sxs 1520-1345, WOC, tag TOC 1347?
Perf and squeeze 170 sxs 424 to surface, WOC, pressure test failed.
Drill out cmt plug, ran CBL 1335 to surface, TOC 256
Pressure test csg, confirm leak at 424 (squeeze perfs)
Squeeze 600-227?, 50 sxs, test ? leak off, Tag TOC 332?.
Drill out cmt thru 615. Tag TOC 1358. Test ? leak off.
Perf above cmt @ 1335?. Squeeze 35 sxs cmt, WOC, test csg ? leak off.
Tag TOC 1131. Drill out cmt to 1565. Tag TOC 2395?. Test csg PUH.
Perfs @ 425 and 600 are communicating.

RECLAMATION PROCEDURE ATTACHED

RECLAMATION DUE 4-3-19

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

**Electronic Submission #438257 verified by the BLM Well Information System**
**For XTO ENERGY INCORPORATED, sent to the Hobbs**
**Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/04/2018 (18PP0895SE)**

Name *(Printed/Typed)* CHERYL ROWELL — Title REGULATORY COORDINATOR

Signature (Electronic Submission) — Date 10/03/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

ACCEPTED FOR RECORD
OCT - 4 2018
DMcKinney HE
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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, make 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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

FOR RECORD ONLY
NMOCD 10/24/2018

## Additional data for EC transaction #438257 that would not fit on the form

**32. Additional remarks, continued**

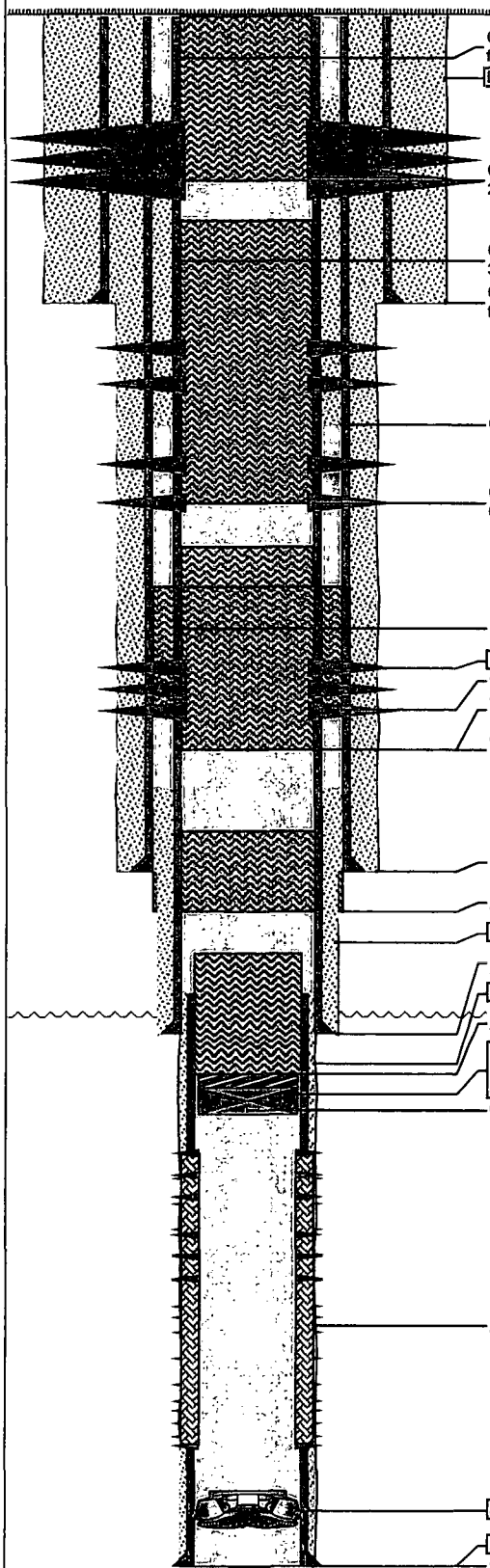
Spot balanced plug 1400-1600. Tag TOC 1402.
Set plug, 20 sxs, across perfs at 1335. Calc TOC 1200 ? no tag ? per BLM, reverse out.
Pressure test cmt plug ? leaked off. BDTT monitor for gas migration, built 5 psi in 30 mins.
RIH tag TOC @ 369, BLM approved ? 5 sxs cmt plug. Set pkr at 198 and squeeze hesitating cement.
Test plug lost 120 psi in 30 mins. Monitor for gas migration, leave well open and hook up frac tank overnight.
CP = 0, TP builds to 7 psi in 45 min. Move pkr down hole and tag TOC @282?. Set pkr @ 260 and monitor gas migration ? some bubbles. BLM approved perf above cmt in prod csg and attempt squeeze.
Tag TOC @ 282?. Set pkr @ 65. RIH & Perf above TOC below pkr @ ~270. Pump, establish inj rate into perfs, max 600 psi. 75 BPM at 400 psi. Pumped 5.5 bbls and got circ around WH at surface. No circ thru csg valves. Pump 80 sxs cmt , good returns at surface. Calc TOC=150 in prod csg.
SWION
Open well, CP = 0, TP = 0 . No migration. No psi buildup. BLM approved to cmt to surface.
RIH tag TOC @ 134?. Pump 15 sxs cmt. Fill prod csg to surf. ND BOP. Fill csg to surf again.
RDMO.
Well P&A?d. → 10-3-18 - P+A - per J.Amos.

# Schematic - Current Vertical

## Well Name: EUNICE MONUMENT SO. UNIT 389

| API/UWI | Accounting ID | Permit Number | State/Province | County |
|---|---|---|---|---|
| 3002504631 | 115396 | | New Mexico | Lea |
| **Surface Location** | **Spud Date** | **Original KB Elevation (ft)** | **Gr Elev (ft)** | **KB-Ground Distance (ft)** |
| | 4/20/1936 00:00 | 3,566.00 | 3,566.00 | 0.00 |

| MD (ftKB) | TVD (ftKB) | Incl (°) | Vertical schematic (actual) |
|---|---|---|---|
| 9.8 | | | |
| 133.9 | | | |
| 255.9 | | | |
| 270.0 | | | |
| 271.0 | | | |
| 282.2 | | | |
| 369.1 | | | |
| 374.0 | | | |
| 423.9 | | | |
| 424.9 | | | |
| 580.1 | | | |
| 600.1 | | | |
| 601.0 | | | |
| 1,200.1 | | | |
| 1,347.1 | | | |
| 1,401.9 | | | |
| 1,520.0 | | | |
| 1,521.0 | | | |
| 1,600.1 | | | |
| 1,765.1 | | | |
| 2,387.1 | | | |
| 2,664.0 | | | |
| 2,931.1 | | | |
| 3,262.1 | | | |
| 3,419.9 | | | |
| 3,662.1 | | | |
| 3,693.9 | | | |
| 3,715.9 | | | |
| 3,764.1 | | | |
| 3,798.9 | | | |
| 3,810.0 | | | |
| 3,828.1 | | | |
| 3,839.9 | | | |
| 3,868.1 | | | |
| 3,901.9 | | | |
| 3,925.9 | | | |
| 3,944.9 | | | |
| 3,945.9 | | | |
| 3,950.1 | | | |



Category:Cement; Description:Production Casing Cement; Depth (MD):9.8-134.0 ftKB

Description:Surface; Sz:14 3/4; Depth (MD):10.0-374.0

Category:Cement; Description:Production Casing Cement; Depth (MD):134.0-271.0 ftKB

Category:Cement; Description:Production Casing Cement; Depth (MD):282.0-369.0 ftKB

Category:Cement; Description:Surface Casing Cement; Depth (MD):10.0-374.0 ftKB

Category:Cement; Description:Cement; Depth (MD):256.0-580.0 ftKB

Category:Cement; Description:Production Casing Cement; Depth (MD):369.0-601.0 ftKB

Category:Cement; Description:Production Casing Cement; Depth (MD):1,200.0-1,402.0 ftKB

Description:Intermediate; Sz:9 1/2; Depth (MD):374.0-2,664.0

Category:Cement; Description:Cement; Depth (MD):1,347.0-1,521.0 ftKB

Category:Cement; Description:Production Casing Cement; Depth (MD):1,402.0-1,600.0 ftKB

Category:Cement; Description:Production Casing Cement; Depth (MD):1,402.0-1,600.0 ftKB

Category:Cement; Description:Intermediate Casing Cement; Depth (MD):10.0-2,664.0 ftKB

Category:Cement; Description:Cement Plug - P & A; Depth (MD):2,387.0-2,931.0 ftKB

Description:Production; Sz:6 1/2; Depth (MD):2,664.0-3,662.0

Category:Cement; Description:Production Casing Cement; Depth (MD):1,765.0-3,662.0 ftKB

Description:Open Hole; Sz:4 7/8; Depth (MD):3,420.0-3,950.0

Category:Cement; Description:Cement Plug - P & A; Depth (MD):3,262.0-3,694.0 ftKB

Cemented Bridge Plug; 3,694.0-3,716.0 ftKB; 4" CIBP set @ 3714'w 35' cmt. 6" piece of 3" stator 4" Torgue Anchor 3 jts 2 3/8 tbg/w turn down collars 4'-2 3/8 perf sub & 2 3/8 Mud anchor/w BP. FISH left in WB.

0.00 in; Rod String; 3,714.0 ftKB

Category:Cement; Description:Cement Squeeze; Depth (MD):3,764.0-3,926.0 ftKB

Junk; 3,945.0-3,946.0 ftKB; BIT CONE

Description:TD - Original Hole; Depth (MD):3,950.0

Category:Cement; Description:Liner Cement; Depth (MD):3,420.0-3,950.0 ftKB



Report Printed: 10/3/2018

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

TAKE PRIDE® IN AMERICA

In Reply Refer To: 1310

**Reclamation Objectives and Procedures**

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech
575-234-5909, 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Henryetta Price
Environmental Protection Specialist
575-234-5951

Shelly Tucker
Environmental Protection Specialist
575-234-5979

Trishia Bad Bear, Hobbs Field Station
Natural Resource Specialist
575-393-3612