

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

**Amended
RECEIVED**

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS NOV 13 2012

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

| | | |
|---|--|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. JTC 69 |
| 2. Name of Operator XTO Energy Inc. | | 6. If Indian, Allottee or Tribe Name JTCARILLA APACHE |
| 3a. Address 382 CR 3100, AZTEC, NM 87410 | 3b. Phone No. (include area code) 505-333-3630 | 7. If Unit or CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 955' FNL & 1005' FEL NENE SEC.8 (A) -T24N-R5W N.M.P.M. | | 8. Well Name and No. APACHE FEDERAL #8E |
| | | 9. API Well No. 30-039-23040 |
| | | 10. Field and Pool, or Exploratory Area BASIN DAKOTA |
| | | 11. County or Parish, State RIO ARriba NM |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other RECOMPLETE |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | OTERO GALLUP |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> 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 recompleate 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 recompleation 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 recompleate this well to the Otero Gallup formation per the following. Please see also the attached WB Diagram, formation tops & Basin Mancos C102 plat.

An application to DHC will be submitted separately. XTO Inergy Inc. will obtain the DHC order before commingling.

MIRU. Run CBL from 6,750' to surf and submit to OCD & BLM prior to perforating. RIH 5-1/2" CIBP plug and set at 6,750'. Perforate Gallup w/3-1/8" select fire csg gun w/1 JSPF (0.41" dia., 30 holes) 5,691' - 5,898'. ED Gallup perfs w/2% KCI water and EIR. Acidize w/1,000 gals of 15% NEFE HCI acid. Frac Gallup perfs from 5,691' - 5,898' down 5-1/2' csg @ 45 BPM w/133,894 foam gals 70Q, N2 foamed, 25 lb XL gelled, 2% KCI water (Delta 200) carrying 150,000 lbs 20/40 Brady sand & 50,000 lbs 20/40 SLC sand. Flush w/6,394 gals (2 bbls short) 2% KCL foamed wtr. Record ISIP 5 min, 10 min, 15 min SIP. DO CIBP @ 6,750' TTH w/NC, SN and 2-3/8", 4.7#, J-55 EUE 8rd tbq. Land BOT at +/-6,810', SN @ +/-6,809'. RDMO.

**RCVD NOV 21 12
OIL CONS. DIV.
DIST. 3**

| | | |
|--|--|------------------------------------|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) KRISTEN D. LYNCH | | Title REGULATORY ANALYST |
| Signature <i>Kristen D. Lynch</i> | | Date 11/13/2012 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--------|----------------------------|
| Approved by Original Signed: Stephen Mason | Title | Date NOV 19 2012 |
| 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 | |

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 19, 2009
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|---|--|---------------------------------|--|
| ¹ API Number 30-045-23040 | | ² Pool Code 48450 | ³ Pool Name OTERO GALLUP |
| ⁴ Property Code 33116 | ⁵ Property Name APACHE FEDERAL | | ⁶ Well Number 8 E |
| ⁷ OGRID No. 5380 | ⁸ Operator Name XTO Energy, Inc. | | ⁹ Elevation 6583' GL |

| ¹⁰ Surface Location | | | | | | | | | |
|--------------------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| A | 8 | 24N | 5W | | 955 | NORTH | 1005 | EAST | SAN JUAN |

| ¹¹ Bottom Hole Location If Different From Surface | | | | | | | | | |
|--|---------|-------------------------------|----------------------------------|---------|-------------------------|------------------|---------------|-----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| SAME | | | | | | | | RCVD NOV 21 '12 | |
| ¹² Dedicated Acres GA: | | ¹³ Joint or Infill | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | | |

OIL CONS. DIV.
DIST. 3

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | | | |
|---|--|--|--|--|---|
| <p style="text-align: center;">OTERO GALLUP</p> <p style="text-align: center;">21</p> | | | | <p>955</p> <p>1005</p> | <p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true & complete to the best of my knowledge & belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> |
| | | | | <p>Signature <i>Kristen D. Lynch</i></p> <p>Printed Name KRISTEN D. LYNCH</p> | |
| | | | | <p>Title REGULATORY ANALYST</p> | |
| | | | | <p>Date 11/13/2012</p> | |
| | | | | <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true & correct to the best of my belief.</p> | |
| | | | | <p>6/23/1984</p> <p>Date of Survey</p> | |
| | | | | <p>Original Survey Signed By: John A. Vukonich</p> | |
| | | | | <p>14831</p> <p>Certificate Number</p> | |



XTO - Wellbore Diagram

Well Name: Apache Federal 08E

| | | | | | | | | |
|-------------------------|---------------|-------------------|---------------|-------------|---------------|------------------------|--------------------|----------------------|
| API/UWI | E/W Dist (ft) | E/W Ref | N/S Dist (ft) | N/S Ref | Location | Field Name | County | State |
| 30039230400000 | 1,005.0 | FEL | 955.0 | FNL | T24N-R05W-S08 | Basin Dakota | Rio Arriba | New Mexico |
| Well Configuration Type | XTO ID B | Orig KB Elev (ft) | Gr Elev (ft) | KB-Grd (ft) | Spud Date | PBTD (All) (ftKB) | Total Depth (ftKB) | Method Of Production |
| Vertical | 79467 | 6,597.00 | 6,583.00 | 14.00 | 7/16/1982 | Original Hole - 6848.0 | 6,900.0 | Plunger Lift |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|-------|------------|-----------|---|------------------|-------------------------|----------------------|--------------------|------------------|--------------|------------|------------|------------|
| Well Config: Vertical - Original Hole: 10/25/2012 1:51:03 PM | | | | | Zones | | | | | | | | | | | | |
| Schematic - Actual | | | | | Incl. | ftKB (TVD) | ftKB (MD) | Zone | | Top (ftKB) | Btm (ftKB) | | | | | | |
| | | | | | | | | Dakota | 6,790.0 | 6,846.0 | | | | | | | |
| | | | | | | | | Casing Strings | | | | | | | | | |
| | | | | | | | | Casing Description | OD (in) | Wt (lbs/ft) | String Grade | Top Connection | Set Depth (ftKB) | | | | |
| | | | | | | | 14 | Surface | 8 5/8 | 24.00 | S-90 | | 522.0 | | | | |
| | | | | | | | | Casing Description | OD (in) | Wt (lbs/ft) | String Grade | Top Connection | Set Depth (ftKB) | | | | |
| | | | | | | | | Production | 5 1/2 | 17.00 | N-80 | | 6,900.0 | | | | |
| | | | | | | | | Item Description | OD (in) | Wt (lbs/ft) | Grade | Top (ftKB) | Bottom (ftKB) | | | | |
| | | | | | | | | DV Tool | 5 1/2 | | | 5,540.0 | 5,541.0 | | | | |
| | | | | | | | 194 | Cement | | | | | | | | | |
| | | | | | | | | Description | Type | String | | | | | | | |
| | | | | | | | | Surface Casing Cement | casing | Surface, 522.0ftKB | | | | | | | |
| | | | | | | | | Comment | | | | | | | | | |
| | | | | | | | | Cmtd w/305 sx Class "B" cmt w/2% CACL2. Circ 50 sx cmt to surf. | | | | | | | | | |
| | | | | | | | 522 | Description | Type | String | | | | | | | |
| | | | | | | | | Production Casing Cement | casing | Production, 6,900.0ftKB | | | | | | | |
| | | | | | | | | Comment | | | | | | | | | |
| | | | | | | | | Cmtd 1st stg w/420 sx CI "B" cmt w/4% gel, 0.5% d65. Circ 40 sx cmt to surf. Cmtd 2nd stg w/2,100 sx CI "B" cmt w/4% gel, 0.5% D65. Did not circ cmt to surf. TOC 800' ts | | | | | | | | | |
| | | | | | | | 800 | Perforations | | | | | | | | | |
| | | | | | | | | Date | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Hole Diameter (in) | Phasing (°) | Curr. Status | Zone | | |
| | | | | | | | | 8/6/1982 | 6,790.0 | 6,810.0 | | 0.500 | | | Dakota | | |
| | | | | | | | | 8/6/1982 | 6,816.0 | 6,846.0 | | 0.500 | | | Dakota | | |
| | | | | | | | | Tubing Strings | | | | | | | | | |
| | | | | | | | | Tubing Description | Run Date | Set Depth (ftKB) | | | | | | | |
| | | | | | | | | Tubing - Production | | 6,810.3 | | | | | | | |
| | | | | | | | | Tubing Components | | | | | | | | | |
| | | | | | | | | Item Description | Jts | Model | OD (in) | Wt (lbs/ft) | Grade | Top Thread | Len (ft) | Top (ftKB) | Btm (ftKB) |
| | | | | | | | | Tubing | 6 | T&C Upset | 2 3/8 | 4.70 | J-55 | | 180.06 | 14.0 | 194.1 |
| | | | | | | | | Tubing | 214 | T&C Upset | 2 3/8 | 4.70 | J-55 | | 6,614.74 | 194.1 | 6,808.8 |
| | | | | | | | | Seat Nipple | | | 2 3/8 | | | 1.10 | 6,808.8 | 6,809.9 | |
| | | | | | | | | Notched Collar | | | 2 3/8 | | | 0.40 | 6,809.9 | 6,810.0 | |
| | | | | | | | | Rods | | | | | | | | | |
| | | | | | | | | Rod Description | Run Date | String Length (ft) | | | Set Depth (ftKB) | | | | |
| | | | | | | | | 6,810 | | | | | | | | | |
| | | | | | | | | Rod Components | | | | | | | | | |
| | | | | | | | | Item Description | Jts | Model | OD (in) | Grade | Len (ft) | Top (ftKB) | Btm (ftKB) | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | Stimulations & Treatments | | | | | | | | | |
| | | | | | | | | Frac Start Date | Top Perf (ft...) | Bottom Pe... | V (slurry) (...) | Total Prop... | AIR (b... | ATP (psi) | MTP (psi) | ISIP (psi) | |
| | | | | | | | | 8/7/1982 | 6790 | 6846 | | | | | | | |
| | | | | | | | | Comment | | | | | | | | | |
| | | | | | | | | Acidize and breakdown perms w/3,500 gal 15% HCl | | | | | | | | | |
| | | | | | | | | Frac Start Date | Top Perf (ft...) | Bottom Pe... | V (slurry) (...) | Total Prop... | AIR (b... | ATP (psi) | MTP (psi) | ISIP (psi) | |
| | | | | | | | | 8/9/1982 | 6790 | 6846 | | | | | | | |
| | | | | | | | | Comment | | | | | | | | | |
| | | | | | | | | Frac'd w/ 47,082 gals water and 73,750# 10/20 sand | | | | | | | | | |
| | | | | | | | | 6,846 | | | | | | | | | |
| | | | | | | | | 6,848 | | | | | | | | | |
| | | | | | | | | 6,900 | | | | | | | | | |

Top (MD): 6,790,
Des: Dakota

PBTD,
6,848

TD, 6,900

Top (MD): 6,790,
Des: DakotaPBTD,
6,848

TD, 6,900

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|--------------|------|--------|--|
| Basin Dakota | 6790 | 6846 | Perfed w/(1) JHPF (1/2") Frac & Acid Treat |

38. GEOLOGIC MARKERS

| NAME | TOP | |
|----------------|-------------|------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| Basin Dakota | | 6788 |
| Base Greenhorn | | 6660 |
| Greenhorn | | 6591 |
| Gallup | | 5688 |
| Picture Cliffs | | 2404 |
| Fruitland | | 2310 |
| Ojo Alamo | | 1630 |