

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.*

**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 **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)  
**580' FSL & 1850' FWL, SEC 26I-T27N-R10W**

5. Lease Serial No.

**SF077951**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**JACK FROST D #1E**

9. API Well No.  
**30-045-24667**

10. Field and Pool, or Exploratory Area  
**BASIN DAKOTA  
ANGELS PEAK GALLUP**

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**

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

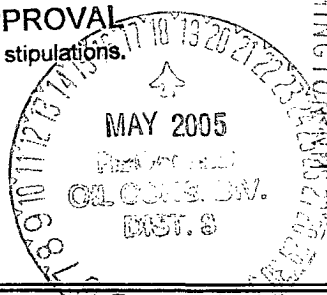
<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<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 Angels Peak Gallup per the attached procedure.**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.



RECEIVED  
070 FARMINGTON

2005 APR 28 PM 4 48

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

Name (Printed/Typed)

**HOLLY C. PERKINS**

Title

**REGULATORY COMPLIANCE TECH**

Date **4/26/05**

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

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, 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.

**NMUCD**

### Plug Back and Completion Procedure

1. MI and set a C 160-200-74 pumping unit with a jack shaft, high speed wiper kit, and GMC Vortec engine. Set unit for 64" stroke (pin hole #2 out of 4). Set counterbalance for 14,431 lbs and have gearing set up for 4SPM.
2. MI & set 4 – 400 bbl clean frac tanks. Fill tanks w/ 2% KCL. Set 1 flowback tank. Note: Have frac company test wtr for compatibility prior to frac and add biocide. Heat water in the frac tanks so wtr temperature @ frac time is +/- 80° F. Ensure hot oil trucks are clean to avoid contaminating the tanks when heating.
3. Set and/or test anchors. MIRU PU. ND wellhead. NU BOP. GIH and tag for fill. Report any fill to Chris Clark. TOH tallying, visually inspecting 219 jts 2-3/8" tubing, SN, and NC.
4. Round trip a 4-1/2" casing scraper to +/- 6,500' with production tubing. PU and TIH w/ CBP +/-6,500'. Set CBP @ +/- 6,500'. **Note: Minimize use of pipe dope throughout this procedure. Apply dope to pin ends of connection only w/ 2" paint brush.**
5. Circulate wellbore clean. Pressure test casing and CBP to 500 psig for 30 minutes. Record pressure test on chart. TOH with tubing.
6. MIRU WL. GIH with GR/CBL/CCL to +/- 6,500' and log from PBTD up to 100' above TOC of 2<sup>nd</sup> stage. Correlate with Birdwell Density/Neutron/GR log dated 12/14/81. POH with GR/CBL/CCL.
7. GIH and perforate the Gallup with a select fire 3-1/8" HSC gun at 1 SPF (17 holes, Owen HSC-3125-302/**302T** charges, 10 grs, 0.34"/**0.29"** dia holes, 21.42"/**16.64"** penetration). POH with casing gun. RDMO WL truck. **Note: Bold and underlined shot depths to be 302T charges w/ 0.29" diameter holes and 16.64" penetration. These holes are in the Tocito interval of the Gallup and will be depleted.**

**Gallup Perfs**

PERF	CCL	PERF	CCL	PERF	CCL	PERF	CCL
6,475'		<b><u>6,321'</u></b>		6,272'		6,111'	
6,440'		<b><u>6,317'</u></b>		6,264'		6,094'	
6,427'		<b><u>6,314'</u></b>		6,252'			
6,389'		6,299'		6,236'			
<b><u>6,326'</u></b>		6,282'		6,124'			

8. Tally, PU, and TIH w/ Baker A-3 Lock-set packer (or equivalent) and XTO's 2-7/8", 4.7#, BSS8, N80 workstring to +/-5,850'. ND and remove BOP. MU 15K frac stack on 2-7/8" workstring and set packer @ +/- 5,850' w/ full string weight down on packer (38K). NU 15K frac stack and pressure test TCA to 500 psi. RDMO PU. Note: Have 2-7/8" 8RD box x 2-7/8" BSS8 pin XO on location to MU tubing to frac vavle
9. MIRU Halliburton single pump truck and acid bulk truck with 750 gallons 15% HCL with iron control, corrosion inhibitor, clay stabilizer, and surfactant additives. Have Halliburton provide a positive feed ball launcher loaded with 27 - 7/8" Green Bio-balls. Test lines at 7,500# prior to pumping. Establish injection into perforations with 2% KCL then swap to acid. Pump 4 BBLS of acid ahead and drop 1 ball every 1/2 BBL in acid. After 750 gals of acid, swap to 2% KCL and displace at 10 – 12 BPM (7,500#). Record ball job on chart and surge well as necessary to over-displace acid by 5 bbls. Record ISIP, 5", 10" & 15" SIP's. Wait a minimum of 5 hours to allow bio-balls to dissolve.
10. MIRU Halliburton frac equip. **Have TCA loaded with 2% KCL and a 3" relief line hardpiped from the casing valve to the flowback tank in as straight a path as possible. Leave the casing valve open throughout job and monitor the flowback tank for returns.** Frac Gallup from 6,094' – 6,475' dwn 2-7/8" workstring @ 25 BPM w/80,000 gals 50Q, CO2 25# PureGel, 2% KCL carrying 135,000# 20/40 Ottawa sd & 30,000# 20/40 Super LC RC sd. Do not exceed 8,450# psig. Bypass blender and flush w/ 1,522 gallons 50Q foamed base gel (1.5 bbls underflush). Record ISIP, 5", 10", & 15" SIP's. Rate will be adjusted pending surface treating pressure. Note: Estimated surface treating pressure at 25 BPM w/ packer at 5,850 is +/-6,900 psig (+/- 5,850 psig friction pressure).

#### GALLUP SCHEDULE

Clean Volume (Gals)	Rate (BPM)	Sd Conc (ppg)	Total Sand (lbs)	Comments
10,000 50Q	25	0	0	Pad
15,000 50Q	25	1.0	15,000	20/40 Ottawa
15,000 50Q	25	2.0	30,000	20/40 Ottawa
30,000 50Q	25	3.0	90,000	20/40 Ottawa
10,000 50Q	25	3.0	30,000	20/40 Super LC
1,522 50Q	10	0	0	Flush –50Q gel

**Note: Do not overflush.**

11. SWI for four hours. RDMO frac equipment. OWU on 1/8" ck to flowback well. Incr ck size (not to exceed 1/2"), pending sd & wtr prod.

12. MIRU PU. Kill well. RD frac stack. NU BOP. Unset packer and TOH LD workstring and packer.
13. PU and TIH with 3-3/4" mill, bit sub, SN and 2-3/8" production string. CO to PBTD of 6,500' w/ AFU. Flow and clean up well. Establish a 3 hour flowing test on Gallup formation.
14. Clean out well to PBTD 7,112' with AFU. POOH and LD BHA.
15. MI 30' x 2-3/8" SOPMA w/ slots cut at 10' in joint, TAC, 12 – 7/8" plain grade "D" rods, 125 – 7/8" grade "D" rods with scrapers, 146 – 3/4" plain grade "D" rods, and 2" x 1-1/2" x 12' RHAC-Z DV pump with 10' x 3/4" GAC.
16. TIH with 30' x 2-3/8" SOPMA, SN, 33 joints 2-3/8", 4.7#, 8RD, EUE tubing, 4-1/2" x 2-3/8" TAC, and +/- 188 joints 2-3/8", 4.7#, 8RD, EUE tubing to surface. Land EOT at +/- 7,105', SN at +/- 7,075', and TAC at +/- 6,050'. ND BOP. NU WH.
17. TIH with 2" x 1-1/2" x 12' RHAC-Z DV pump with 10' x 3/4" GAC, 1' lift sub, RHBO tool, 12 – 7/8" grade "D" rods, 146 – 3/4" grade "D" rods and 125 - 7/8" grade "D" rods to surface (top 125 rods are to have scrapers).
18. Space out pump and HWO.
19. Return well to production. Report daily volumes and pressures to Chris Clark. Begin batch treating well for paraffin on a regular schedule.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-24667	<sup>1</sup> Pool Code 71599/02170	<sup>1</sup> Pool Name Basin Dakota/ Angles Peak Gallup
<sup>4</sup> Property Code 22716	<sup>5</sup> Property Name Jack Frost D	<sup>6</sup> Well Number 1E
<sup>7</sup> OGRID No. 167037	<sup>8</sup> Operator Name XTO Energy Inc.	<sup>9</sup> Elevation

<sup>10</sup> Surface Location

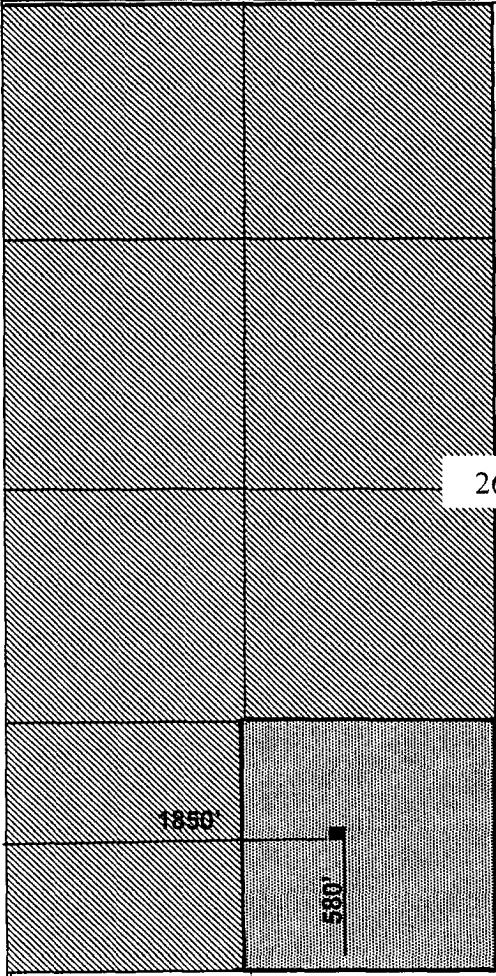
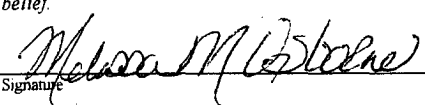
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	26	27N	10W		580'	South	1850'	West	San Juan

<sup>11</sup> 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
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<sup>12</sup> Dedicated Acres W/2 320 ac (DK) SESW/4 40ac (GP)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Melissa M. Osborne Printed Name Regulatory Compliance Tech Title and E-mail Address April 6, 2005 Date
	<sup>18</sup> SURVEYOR CERTIFICATION <i>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 and correct to the best of my belief.</i> June 3, 1980 Date of Survey Signature and Seal of Professional Surveyor:  R.A. Downey Certificate Number 3950

## **Bureau of Land Management Conditions of Approval:**

- 1) If cement squeeze work is necessary, contact Matt Halbert of the BLM Farmington Field Office @ (505) 599-6350.**
- 2) If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.**
- 3) Pits must be lined with an impervious material at least 12 mils thick. The pit must be fenced on three (3) sides during workover operations and on the 4<sup>th</sup> side after the rig moves off location. Pits must be closed within 90 days of completion of the workover operations. Prior to closing the pit the liner must be cut off at mud level.**