

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**

2006 AUG 13

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit on CA Agreement, Name and/or No. NONE
2. Name of Operator <b>XTO Energy Inc.</b>		8. Well Name and No. <b>Gallegos #4E</b>
3a. Address <b>2700 Farmington Ave., Bldg. K, Ste 1 Farmington,</b>	3b. Phone No. (include area code) <b>505/324-1090</b>	9. API Well No. <b>30-045-29095</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1,190' FSL &amp; 1,800' FWL Sec. 33, T26N, R11W</b>		10. Field and Pool, or Exploratory Area <b>Basin Dakota/Gallegos Gallup</b> <i>W6 Basin Marcos</i>
		11. County or Parish, State <b>San Juan NM</b>

**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 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. intends to recompleate from the Basin Dakota pool to the ~~Gallegos Gallup~~ pool per attached procedure.**

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

**LOREI D. BINGHAM**

Title

**REGULATORY COMPLIANCE TECH**

Date **8/10/06**

**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.

NMOCDD

**Gallegos #4E**  
**Unit O, Sec 33, T 26 N, R 11 W**  
**San Juan County, New Mexico**

**OAP (Gallup), DHC, & PWOP**

**Surf csg:** 8-5/8", 24#, J-55, ST&C csg @ 753'. Cmt w/480 sx, circ to surf.

**Prod csg:** 5-1/2", 15.5#, J-55, ST&C csg @ 6,002'. DV tls @ 2,460' & 4,292'. PBTD @ 5,912'.

**Cement:** Cmt 1st stage w/410 sx Class 'B' cmt. Circulated cmt to surface. Cmt 2nd stage w/480 sx 50:50 POZ 'A' cmt. Circulated cmt to surface. Cmt 3rd stage w/420 sx HES Lite cmt. Circulated cmt to surface.

**Tbg:** 187 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, SN, & NC. EOT @ 5,858', SN @ 5,857'.

**Perforations:** DK: 5,832' – 5,868' (4 JSPF)

**Completion Procedure**

- 1) MI & set 3 - 400 bbl frac tanks and fill with 2% KCl water. Set flowback tank.
- 2) MIRU PU. MI 5 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg.
- 3) Blow well down and kill well with 2% KCl water.
- 4) ND WH. NU and pressure test BOP.
- 5) TIH with 2-3/8" tbg. Tag fill. Report any fill to Brock Hendrickson. TOH with 2-3/8" tbg.
- 6) TIH with 4-3/4" bit and scraper, SN and 2-3/8" tbg. CO fill to PBTD (5,912'). Report any tight spots in the casing to Brock Hendrickson. TOH with 2-3/8" tbg and bit and scraper.
- 7) RDMO PU.
- 8) MIRU wireline truck. RU full lubricator. Log well with GR/CCL log from PBTD (5,912') to 4,292' (DV tl). Correlate with the Gallegos #4E Halliburton High Resolution Induction Log dated 04/11/94.
- 9) RIH and set a 5-1/2" CBP at 5,400' (Check to ensure that CBP is not set in casing collar). Blow down well. Load casing with 2% KCl water. Pressure test CBP to 3000 psig. Release pressure.
- 10) Perf Gallup with 3-1/8" select fire csg gun with 2 JSPF (Owen HSC-3125-302, 10 gm charges, 0.32" dia., 14.3" penetration, 32 holes). POH with csg guns. RDMO WL truck.

**Gallup Perfs**

Perf	CCL	Perf	CCL	Perf	CCL	Perf	CCL
4,967'		4,952'		4,869'		4,842'	
4,964'		4,949'		4,870'			
4,961'		4,946'		4,871'			
4,958'		4,943'		4,846'			
4,955'		4,940'		4,844'			

- 11) MIRU acid and pump truck. BD Gallup perms from 4,842'-4,967' and EIR with 2% KCl water. Acidize with 1000 gals of 15% NEFE HCl and 48 BS at 10 BPM down tbg. **Max CP 3,000 psig.** Flush with 5,090 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", 10" and 15" SIP's. RDMO acid and pump truck.
- 12) TIH with junk basket to 5,050' to knock off BS. TOH with junk basket. RDMO WL.
- 13) MIRU Stinger WH isolation tool. MIRU Halliburton and CO2 frac equip. Frac Gallup perms from 4,842'-4,967' down 5-1/2" csg at 45 BPM with 69,000 gals 70Q, CO2 foamed, 20# XL gelled, 3% KCl water (Pure Gel III) carrying 114,000# 20/40 Ottawa sand and 32,000# 20/40 Super LC RC sand. Do not exceed 3,000 psig. Flush with 3,715 gals 70Q, CO2 foamed linear gel followed by 1,000 gals linear gel (3 bbls under flush). Record ISIP, 5", 10" and 15" SIP's.

#### GALLUP SCHEDULE

Stage	BPM	Fluid	Total Vol Gal	Vol CO2	Prop Conc	Prop
Pad	45	20# 70Q XL foam	14,000	43 ton		
2	45	20# 70Q XL foam	13,000	40 ton	1	13,000# 20/40 Ottawa
3	45	20# 70Q XL foam	12,000	37 ton	2	24,000# 20/40 Ottawa
4	45	20# 70Q XL foam	11,000	34 ton	3	33,000# 20/40 Ottawa
5	45	20# 70Q XL foam	11,000	34 ton	4	44,000# 20/40 Ottawa
6	45	20# 70Q XL foam	8,000	24 ton	4	32,000# 20/40 Super LC
Flush	45	20# 70Q XL foam	3,715	11 ton		
Flush	25	20# linear gel	1,000			
<b>Total</b>		<b>114,000# 20/40 Ottawa    32,000# 20/40 Super LC</b>				<b>223 tons CO2</b>

- 14) SWI 4 hrs. RDMO Stinger WH isolation tool. RDMO Halliburton and CO2 frac equip. Flow back well thru a choke manifold to flowback tank. Start with 8/64" ck. Increase choke size as appropriate.
- 15) Set a C-160-200-74 pumping unit (min ECB 16,300 lbs) with a Daihatsu engine with timer.
- 16) MIRU PU. Upon well loading up, blow down well and kill with 2% KCl water if required. TIH with sand bailer, SN and 2-3/8" tubing. CO to CBP at 5,400'.
- 17) TOH with tbg, SN, and sand bailer.
- 18) TIH with 20' x 2-3/8" OEMA with 3/16" weep hole, SN, 8 jts of 2-3/8" tbg, 5-1/2" x 2-3/8" TECH TAC, and 2-3/8" tubing to surface. Land tbg @  $\pm 5,070'$ , SN @  $\pm 5,050'$ , TAC @  $\pm 4,810'$ .
- 19) RU swab tools. Swab well until clean fluid is obtained. RD swab tools. ND BOP. NU WH.
- 20) TIH with 2" x 1-1/2" x 14' RWAC-DV pump with 3/4" strainer nipple, spiral rod guide, 40K shear off tool, 1" x 1' lift sub, 6 - 1-1/4" grade 'C' sinker bars, 150 - 3/4" grade 'D' rods, and 46 - 7/8" grade 'D' rods to surface.
- 21) Space out pump. HWO.
- 22) Load tubing and check pump action.

- 23) RDMO PU.
- 24) Start well pumping at 5 SPM and 65" SL.
- 25) Report rates and pressures to Brock Hendrickson.
- 26) **After completing a production test of sufficient time (30 days minimum), proceed to downhole commingle the Dakota and Gallup. DO NOT DOWNHOLE COMMINGLE UNTIL DHC REQUESTS HAVE BEEN APPROVED BY BLM/NMOCD.**
- 27) MIRU PU.
- 28) ND WH & NU BOP. MIRU air/foam unit. TOH w/rods and pump. TOH with tubing and pumping BHA.
- 29) TIH with 4-3/4" mill, SN and 2-3/8" tubing. CO to CBP at 5,400'. DO CBP @ 5,400'. CO to 5,912' (PBTD). Circulate wellbore clean. RDMO air/foam unit.
- 30) TOH with tubing and mill. Lay down mill. TIH with 20' x 2-3/8" OEMA with 3/16" weep hole, SN, 8 jts of 2-3/8" tbg, 5-1/2" x 2-3/8" TECH TAC, and 2-3/8" tubing to surface. Land tubing at  $\pm 5,895'$ , SN at  $\pm 5,875'$ , TAC at  $\pm 5,635'$ . ND BOP. NU WH.
- 31) RU swab. Swab well until clean fluid is obtained.
- 32) TIH with 2" x 1-1/2" x 14' RWAC-DV pump with 3/4" strainer nipple, spiral rod guide, 40K shear off tool, 1" x 1' lift sub, 6 - 1-1/4" grade 'C' sinker bars, 170 - 3/4" grade 'D' rods, and 59 - 7/8" grade 'D' rods to surface.
- 33) Space out pump. HWO.
- 34) Load tubing and check pump action.
- 35) RDMO PU.
- 36) Start well pumping at 5 SPM and 65" SL.
- 37) Report rates and pressures to Brock Hendrickson.

**Regulatory:**

1. Obtain approval to DHC the Dakota and Gallup formations.
2. Submit sundry to OAP in the Gallup formation.

**Equipment:**

1. TBG: 5 jts 2-3/8" tubing, 20' x 2-3/8" OEMA with 3/16" weep hole, and 5-1/2"x2-3/8" TECH TAC.
2. PPG Unit: Lufkin C-160-200-74 with jack shaft and Daihatsu engine.
3. Rods: 2" x 1-1/2" x 14' RWAC-DV pump with 3/4" strainer nipple, spiral rod guide, 40K shear off tool, 1" x 1' lift sub, 6 - 1-1/4" grade 'C' sinker bars, 170 - 3/4" grade 'D' rods, and 59 - 7/8" grade 'D' rods