

**FORM  
5**Rev  
02/08**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400205333

**DRILLING COMPLETION REPORT**

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 100264

4. Contact Name: Wanett McCauley

2. Name of Operator: XTO ENERGY INC

Phone: (505) 333-3630

3. Address: 382 CR 3100

Fax: (505) 333-3284

City: AZTEC State: NM Zip: 87410

5. API Number 05-071-09867-00

6. County: LAS ANIMAS

7. Well Name: APACHE CANYON

Well Number: 20-15

8. Location: QtrQtr: SWSE Section: 20 Township: 34S Range: 67W Meridian: 6

Footage at surface: Distance: 81 feet Direction: FSL Distance: 2443 feet Direction: FEL

As Drilled Latitude: 37.062730 As Drilled Longitude: -104.910578

## GPS Data:

Date of Measurement: 06/29/2011 PDOP Reading: 5.9 GPS Instrument Operator's Name: Gary L. Terry

\*\* If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

\*\* If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

9. Field Name: PURGATOIRE RIVER

10. Field Number: 70830

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 06/24/2011 13. Date TD: 06/25/2011 14. Date Casing Set or D&amp;A: 06/26/2011

## 15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 2566 TVD\*\* 17 Plug Back Total Depth MD 2492 TVD\*\*

18. Elevations GR 8049 KB 8053

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

## 19. List Electric Logs Run:

OH, CBL

## 20. Casing, Liner and Cement:

**CASING**

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	17+1/2	13+3/8	54.50	0	46	65	0	46	VISU
SURF	11	8+5/8	24	0	500	205	0	500	VISU
1ST	7+7/8	5+1/2	15.50	0	2,539	365	1,570	2,539	CBL

### STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 08/23/2011

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
SQUEEZE	1ST	1,511	200	916	1,511
1 INCH	1ST		140	0	916

Details of work:

8/17/2011

MIRU Perforators WL. RIH & Perf 4 spf, w/19 gm chrgs (.45" holes), phased 120 deg fr/1,510' - 1,511' (4 holes). RDMO WL. MIRU. ND WH. NU BOP. TIH 5-1/2" CICR & 45 jts 2-7/8" tbg. EOT @ 1,453'. Sqz perms fr/1,510' - 1,511'. SWI. SDFN.

8/18/2011

Set CICR @ 1,453'. Sqz perms fr/1,510' - 1,511'. MIRU HES Cementers. Ld & PT lines to 4,000 psig w/1 BPW. Tstd OK. Ld & PT 2-7/8" tbg to 3,000 psig w/1 BPW. Tstd OK. Sting out of CICR. Ld TCA w/2 BPW. Sting into CICR. Ld & PT TCA to 500 psig w/1 BPW. Tstd OK. SI TCA w/500 psig. Estb inj rate dwn 2-7/8" tbg @ 350 psig & 3 BPM w/10 BPW. Ppd 200 sks class A cmt mixed @ 13.5# ppg. Ppd cmt @ 400 psig & 3 BPM. Displ cmt w/7.5 BPW @ 375 psig & 3 BPM. ISIP 150 psig. Sting out of CICR. Rev cln w/12 BPW. RDMO HES cementers. TOH 45 jts 2-7/8" tbg & stinger. SWI. SDFN.

8/19/2011

TIH new 4-3/4" cone bit, bit sub, 4 - 3-1/2" DC's, xo & 44 jts 2-7/8" tbg. Tgd cmt @ 1,443'. RU. Brk circ @ 1,440'. DO cmt fr/1,443 to CICR @ 1,453'. DO CICR. DO cmt fr/1,457' to 1,525' & fell through (sqz perms fr/1,510' - 1,511'). Circ cln. TIH 29 jts 2-7/8" tbg. Tgd PBTD @ 2,488'. Circ cln. RDMO. TOH & LD 73 jts 2-7/8" tbg & BHA. SWI. SDFWE.

8/22/2011

MIRU Perforators WL. RIH w/GR/CBL/CCL. Logged fr/1,600' to surf. Est TOC @ 916' FS (8-5/8" csg @ 500'). RDMO WL. ND BOP. ND WH. ND csg hd & pull 5-1/2" csg slips. TIH 26 jts 1-1/4" IJ tbg dwn 5-1/2" csg ann. Tgd @ 824'. TOH & LD 11 jts 1-1/4" tbg. EOT @ 487'. SWI. SDFN.

8/23/2011

TIH 10 jts 1-1/4" IJ tbg dwn 5-1/2" csg ann. EOT @ 799'. MIRU HES Cementers. Estb inj rate dwn 1-1/4" tbg @ 1,500 psig & 2 BPM w/10 BPW. Ppd 140 sks class A cmt mixed @ 13.5# ppg. Ppd cmt @ 1,640 psig & 2 BPM. Circ 10 sks cmt to wrk tnk. TOH & LD 25 jts 1-1/4" tbg. NU csg hd. SWI. RDMO HES & rig.

21. Formation log intervals and test zones:

#### FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
RATON COAL	0		<input type="checkbox"/>	<input type="checkbox"/>	
VERMEJO COAL	1,994		<input type="checkbox"/>	<input type="checkbox"/>	
TRINIDAD	2,349		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

CBL will be run within the next few weeks. At that time it will be uploaded and mailed to COGCC.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Wanett McCauley

Title: Reg Compliance Technician

Date: 9/22/2011

Email: wanett\_mccauley@xtoenergy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400207636	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
400205333	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)