

**District I** - (505) 393-6161  
1625 N. French Dr, Hobbs, NM 88240  
**District II** - (505) 748-1283  
1301 W. Grand Avenue, Artesia, NM 88210  
**District III** - (505) 334-6178  
1000 Rio Brazos Road, Aztec, NM 87410  
**District IV** - (505) 476-3440  
1220 So. St. Francis Dr., Santa Fe, NM 87505

New Mexico  
Energy Minerals and Natural Resources Department

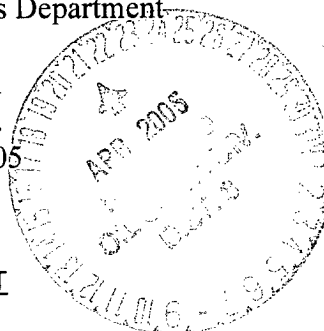
Form C-140  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

(505) 476-3440

**SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE**

APPLICATION FOR  
WELL WORKOVER PROJECT



**Operator and Well**

Operator name & address <b>XTO ENERGY INC. 2700 Farmington Ave, Suite K-1 Farmington, New Mexico 87401</b>						OGRID Number  <b>167067</b>		
Contact Party <b>MELISSA M OSBORNE, REGULATORY COMPLIANCE TECH</b>						Phone <b>(505) 566-7925</b>		
Property Name <b>Pan American Federal Gas Com B</b>				Well Number <b>3</b>		API Number <b>30-045-30710</b>		
UL <b>P</b>	Section <b>31</b>	Township <b>30N</b>	Range <b>11W</b>	Feet From The <b>660</b>	North/South Line <b>S</b>	Feet From The <b>660</b>	East/West Line <b>E</b>	County <b>SAN JUAN</b>

**I. Workover**

Date Workover Commenced: <b>10/12/2004</b>	Previous Producing Pool(s) (Prior to Workover): <b>Aztec Pictured Cliffs/Basin Fruitland Coal</b>
Date Workover Completed: <b>10/29/2004</b>	

- II. Attach a description of the Workover Procedures performed to increase production.  
V. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

**AFFIDAVIT:**

State of New Mexico )  
County of San Juan ) ss.  
Melissa M Osborne, being first duly sworn, upon oath states:  
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.  
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.  
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Melissa M Osborne Title REGULATORY COMPLIANCE TECH Date 04/21/2005  
E-mail Address \_\_\_\_\_  
SUBSCRIBED AND SWORN TO before me this 21st day of April, 20 05.

My Commission expires: **JULY 7<sup>TH</sup>, 2008**

Notary Public  
Brenda Waller

**FOR OIL CONSERVATION DIVISION USE ONLY:**

**VI. CERTIFICATION OF APPROVAL:**

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on

10-29, 2004

Signature District Supervisor <u>Charlie T. Linn</u>	OCD District <u>AZTEC III</u>	Date <u>05-11-2005</u>
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**VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:**

Well: PAN AMERICAN FEDERAL GAS COM B  
Operator: XTO ENERGY, INC.  
Township: 30.0N Range: 11W  
Section: 31 Unit: P  
Land Type: F County: San Juan

No.: 3  
API: 3004530710

Year: 2003

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	937	160	31
February	0	1145	160	28
March	0	1197	80	31
April	0	1137	80	30
May	0	948	80	23
June	0	1156	160	30
July	0	1073	80	30
August	0	1071	0	28
September	0	971	80	28
October	0	945	0	27
November	0	995	80	30
December	0	942	160	29

Pictured Cliffs

8421

12 mths prod  
mthly avg  
701.75

Year: 2004

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	941	0	29
February	0	842	80	29
March	0	908	80	31
April	0	680	80	22
May	0	441	0	18
June	0	312	0	30
July	0	323	0	31
August	0	753	0	22
September	0	339	0	11
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Pool Name: BASIN FRUITLAND COAL (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	2984	1360	17
November	0	9813	1400	30
December	0	10781	1520	31

Fruitland Coal

No production Before 10/01/2004

Year: 2005

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Pictured Cliffs

No production after 09/2004

Pool Name: BASIN FRUITLAND COAL (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod
January	0	5973	850	31
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Fruitland Coal

26567

3 mths prod  
mthly avg  
8855.666667

increase/decrease  
8153.916667

**XTO ENERGY**  
**PAN AMERICAN FEDERAL GC B #3**  
**RECOMLETE TO FRUITLAND COAL**

10/12/04 1st rpt to recomplete FC. MIRU Unhung rods & unseated pmp.

10/13/04 TIH Set RBP @ 320' FS.

10/15/04 MIRU acid & frac equip. Perfd Lower FC 3 JSPF 120 deg phasing 3-1/8" csg gun loaded w/Owen HSC-3125-369 charges fr/2,028' - 2,043' & 2,019' - 2,022' (ttl 54 - 0.49" holes). BD Lower FC perfs @ 839 psig & 7.7 BPM. Ppd 759 bbls gel wtr. SD. ISIP 937 psig. A. Lower FC perfs fr/2,019' - 2,043' w/513 gals 15% HCl ac. Ppd 4,307 gals 20# gel wtr for flush & step rate test. AIR 19.5 BPM. ATP 1,448 psig. SD. ISIP 1,166 psig (calc frac grad 1.01 psig/ft). Fracd Lower FC perfs fr/2,019' - 2,043' dwn 4-1/2" csg w/94,647 gals (slurry vol) Delta 140 frac fluid (20# Borate XL gelled FW) carrying 142,500# sd coated w/Sandwedge and Sandwedge NT (99,500# 20/40 Brady sd & 43,000# 16/30 Brady sd). Flushed w/1,332 gals 20# linear gel. Max sd conc 5.3 ppg. AIR 31.8 BPM. ATP 1,887 psig. ISIP 1,450 psig (calc frac grad 1.15 psig/ft). 5 min SIP 1,286 psig. 10 min SIP 1,236 psig. 15 min SIP 1,208 psig. 2,236 BLWTR (Lower FC stim). Perfd Upper FC 3 JSPF w/3-1/8" csg gun loaded w/Owen HSC-3125-369 charges fr/1,961' - 1,969', 1,924' - 1,926', 1,920' - 1,922' & 1,838' - 1,842' (ttl 48 - 0.49" holes). Dump bailed 12 gals of 28% HCl ac @ 1,965'. POH. Upper FC perfs fr/1,838' - 1,969' w/758 gals 15% HCl ac. Flushed 948 gals 20# gel wtr. AIR 9.8 BPM. ATP 1,175 psig. SD. (calc frac grad 0.87 psig/ft). Fracd Upper FC perfs fr/1,838' - 1,969' dwn 4-1/2" csg w/72,879 gals (slurry vol) Delta 140 frac fluid (20# Borate XL gelled FW) carrying 113,000# sd coated w/Sandwedge and Sandwedge NT (80,000# 20/40 Brady sd & 33,000# 16/30 Brady sd). Flushed w/1,092 gals 20# linear gel. Max sd conc 5.3 ppg. AIR 31.4 BPM. ATP 1,293 psig. ISIP 972 psig (calc frac grad 0.97 psig/ft). 5 min SIP 865 psig. 10 min SIP 804 psig. 15 min SIP 756 psig. 1,701 BLWTR (Upper FC stim)

10/19/04 Upr FC perfs fr/1,838' - 1,961'. PU swivel & est circ. CO frac sd fill fr/1,684' to 1,995' (CIBP). Circ well clean.

10/20/04 PBTD @ 2,070'.

10/21/04  
Thru  
10/28/04 Clean well & set prod equipment

10/27/04 P. 0 BO, 160 BLW, 108 MCF, SITP 0 psig, FCP 250 psig, LP 170 psig, SP 30 psig, DP 195 psig, 10 hrs. 17 hr O&W prod. 3456 BLWTR.

10/29/04 RWTP 10/29/04