

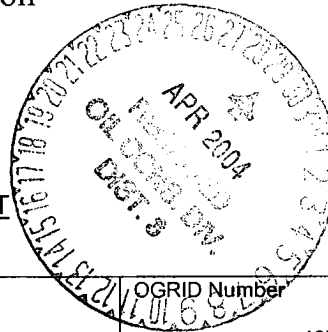
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-140  
Revised 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

APPLICATION FOR  
WELL WORKOVER PROJECT



I. Operator and Well

|                                                                                                      |               |                 |              |                       |                           |                            |                         |                    |
|------------------------------------------------------------------------------------------------------|---------------|-----------------|--------------|-----------------------|---------------------------|----------------------------|-------------------------|--------------------|
| Operator name & address<br>XTO ENERGY INC.<br>2700 FARMINGTON AVE, SUITE K-1<br>FARMINGTON, NM 87401 |               |                 |              |                       |                           |                            | OGRID Number<br>167067  |                    |
| Contact Party<br>BRENDA WALLER, REGULATORY COMPLIANCE MANAGER                                        |               |                 |              |                       |                           |                            | Phone<br>(505) 324-1090 |                    |
| Property Name<br>JICARILLA APACHE                                                                    |               |                 |              |                       | Well Number<br>#11        | API Number<br>30-039-08149 |                         |                    |
| UL<br>M                                                                                              | Section<br>28 | Township<br>26N | Range<br>05W | Feet From The<br>1040 | North/South Line<br>SOUTH | Feet From The<br>800       | East/West Line<br>WEST  | County<br>SAN JUAN |

II. DOWNHOLE COMMINGLE

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Date Workover Commenced:<br>5/1/03  | Previous Producing Pool(s) (Prior to Workover):<br>BLANCO MESAVERDE<br>OTERO CHACRA<br>BLANCO S PICTURED CLIFFS |
| Date Workover Completed:<br>5/12/03 |                                                                                                                 |

III. Attach a description of the Workover Procedures performed to increase production.

IV. 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.

V. AFFIDAVIT:

State of NEW MEXICO )  
 ) ss.  
County of SAN JUAN )  
BRENDA WALLER, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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 Brenda Waller Title REGULATORY COMPLIANCE MANAGER Date 4/27/04

SUBSCRIBED AND SWORN TO before me this 27th day of APRIL, 2004

My Commission Expires 9-1-04

Notary Public Wally C. Perkins

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 5/12/04.

|                               |                                      |
|-------------------------------|--------------------------------------|
| Signature District Supervisor | <u>378</u><br>SUPERVISOR DISTRICT #3 |
|-------------------------------|--------------------------------------|

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

PTTC  
PRRC  
NM-TECH  
NMBGMR



NYMEX LS Crude \$36.9  
Navajo WTXI \$33.7  
Henry Hub \$5.7  
Updated 4/27/2004

[GENERAL](#) | [COUNTY](#) | [OPERATOR](#) | [POOL](#) | [LOCATION](#) | [OCD LOG & WELL FILES](#)

## View Production Data

**In Internet Explorer, right click and select "Save Target As..."**  
**In Netscape, right click and select "Save Link As..."**

Download: [HTTP](#)

**Well:** JICARILLA APACHE **No.:** 011  
**Operator:** XTO ENERGY, INC. [ [NM SLO data](#) ]  
**API:** 3003908149 **Township:** 26.0N **Range:** 05W  
**Section:** 28 **Unit:** M  
**Land Type:** J **County:** Rio Arriba **Total Acreage:** 960  
**Number of Completion with Acreage:** 4  
**Accumulated:**  
**Oil:** 12496 (BBLS) **Gas:** 1597783 (MCF)  
**Water:** 3977 (BBLS) **Days Produced:** 16206 (Days)

Year: 2002

Pool Name: BASIN DAKOTA (PRORATED GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|-----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January   | 3         | 5544     | 5           | 31            | 3                | 5544            |
| February  | 50        | 4514     | 0           | 31            | 53               | 10058           |
| March     | 0         | 5293     | 0           | 31            | 53               | 15351           |
| April     | 121       | 4831     | 0           | 31            | 174              | 20182           |
| May       | 122       | 5064     | 0           | 31            | 296              | 25246           |
| June      | 0         | 4924     | 0           | 31            | 296              | 30170           |
| July      | 0         | 0        | 0           | 31            | 296              | 30170           |
| August    | 0         | 0        | 0           | 0             | 296              | 30170           |
| September | 0         | 0        | 0           | 0             | 296              | 30170           |
| October   | 0         | 0        | 0           | 0             | 296              | 30170           |

|          |     |       |   |     |     |       |
|----------|-----|-------|---|-----|-----|-------|
| November | 0   | 0     | 0 | 0   | 296 | 30170 |
| December | 0   | 0     | 0 | 0   | 296 | 30170 |
| Total    | 296 | 30170 | 5 | 217 |     |       |

Pool Name: BLANCO P. C. SOUTH (PRORATED GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|-----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January   | 0         | 852      | 0           | 31            | 296              | 31022           |
| February  | 0         | 718      | 0           | 28            | 296              | 31740           |
| March     | 0         | 811      | 0           | 31            | 296              | 32551           |
| April     | 0         | 812      | 0           | 31            | 296              | 33363           |
| May       | 0         | 853      | 0           | 31            | 296              | 34216           |
| June      | 0         | 803      | 0           | 31            | 296              | 35019           |
| July      | 0         | 729      | 0           | 31            | 296              | 35748           |
| August    | 0         | 844      | 0           | 31            | 296              | 36592           |
| September | 0         | 854      | 0           | 30            | 296              | 37446           |
| October   | 0         | 865      | 35          | 31            | 296              | 38311           |
| November  | 0         | 831      | 0           | 30            | 296              | 39142           |
| December  | 0         | 878      | 0           | 31            | 296              | 40020           |
| Total     | 0         | 9850     | 35          | 367           |                  |                 |

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|-----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January   | 0         | 0        | 0           | 0             | 296              | 40020           |
| February  | 0         | 0        | 0           | 0             | 296              | 40020           |
| March     | 0         | 0        | 0           | 0             | 296              | 40020           |
| April     | 0         | 0        | 0           | 0             | 296              | 40020           |
| May       | 0         | 0        | 0           | 0             | 296              | 40020           |
| June      | 0         | 0        | 0           | 0             | 296              | 40020           |
| July      | 18        | 2157     | 0           | 31            | 314              | 42177           |
| August    | 20        | 2403     | 0           | 31            | 334              | 44580           |
| September | 30        | 2326     | 18          | 30            | 364              | 46906           |
| October   | 52        | 2235     | 0           | 31            | 416              | 49141           |
| November  | 0         | 1934     | 22          | 30            | 416              | 51075           |
| December  | 78        | 1896     | 50          | 31            | 494              | 52971           |
| Total     |           |          |             |               |                  |                 |

198 12951 90 184

Pool Name: OTERO CHACRA (GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|-----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January   | 0         | 0        | 0           | 0             | 494              | 52971           |
| February  | 0         | 0        | 0           | 0             | 494              | 52971           |
| March     | 0         | 0        | 0           | 0             | 494              | 52971           |
| April     | 0         | 0        | 0           | 0             | 494              | 52971           |
| May       | 0         | 0        | 0           | 0             | 494              | 52971           |
| June      | 0         | 0        | 0           | 0             | 494              | 52971           |
| July      | 0         | 2747     | 0           | 31            | 494              | 55718           |
| August    | 0         | 3060     | 0           | 31            | 494              | 58778           |
| September | 0         | 2959     | 22          | 31            | 494              | 61737           |
| October   | 0         | 2844     | 0           | 31            | 494              | 64581           |
| November  | 0         | 2462     | 28          | 30            | 494              | 67043           |
| December  | 0         | 2411     | 65          | 31            | 494              | 69454           |
| Total     | 0         | 16483    | 115         | 185           |                  |                 |

Year: 2003

Pool Name: BASIN DAKOTA (PRORATED GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|-----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January   | 0         | 0        | 0           | 0             | 494              | 69454           |
| February  | 0         | 0        | 0           | 0             | 494              | 69454           |
| March     | 0         | 0        | 0           | 0             | 494              | 69454           |
| April     | 0         | 0        | 0           | 0             | 494              | 69454           |
| May       | 0         | 0        | 0           | 0             | 494              | 69454           |
| June      | 0         | 0        | 0           | 0             | 494              | 69454           |
| July      | 0         | 0        | 65          | 0             | 494              | 69454           |
| August    | 0         | 0        | 0           | 0             | 494              | 69454           |
| September | 108       | 0        | 0           | 0             | 602              | 69454           |
| October   | 0         | 0        | 0           | 0             | 602              | 69454           |
| November  | 0         | 0        | 0           | 0             | 602              | 69454           |
| December  | 0         | 0        | 0           | 0             | 602              | 69454           |
| Total     | 108       | 0        | 65          | 0             |                  |                 |

Pool Name: BLANCO P. C. SOUTH (PRORATED GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|-----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January   | 0         | 784      | 0           | 31            | 602              | 70238           |
| February  | 0         | 793      | 0           | 28            | 602              | 71031           |
| March     | 0         | 908      | 0           | 31            | 602              | 71939           |
| April     | 0         | 857      | 0           | 30            | 602              | 72796           |
| May       | 0         | 1507     | 0           | 31            | 602              | 74303           |
| June      | 0         | 1592     | 0           | 30            | 602              | 75895           |
| July      | 0         | 1466     | 65          | 31            | 602              | 77361           |
| August    | 0         | 1493     | 0           | 31            | 602              | 78854           |
| September | 0         | 1305     | 0           | 30            | 602              | 80159           |
| October   | 0         | 998      | 0           | 31            | 602              | 81157           |
| November  | 0         | 1175     | 0           | 27            | 602              | 82332           |
| December  | 0         | 1337     | 0           | 31            | 602              | 83669           |
| Total     | 0         | 14215    | 65          | 362           |                  |                 |

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|-----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January   | 29        | 2314     | 7           | 31            | 631              | 85983           |
| February  | 11        | 1998     | 4           | 28            | 642              | 87981           |
| March     | 55        | 2293     | 6           | 31            | 697              | 90274           |
| April     | 53        | 2220     | 18          | 30            | 750              | 92494           |
| May       | 102       | 4089     | 0           | 31            | 852              | 96583           |
| June      | 132       | 4317     | 18          | 30            | 984              | 100900          |
| July      | 0         | 3983     | 133         | 31            | 984              | 104883          |
| August    | 71        | 4056     | 0           | 31            | 1055             | 108939          |
| September | 32        | 3542     | 41          | 30            | 1087             | 112481          |
| October   | 26        | 2711     | 20          | 31            | 1113             | 115192          |
| November  | 58        | 3185     | 0           | 27            | 1171             | 118377          |
| December  | 87        | 3627     | 50          | 31            | 1258             | 122004          |
| Total     | 656       | 38335    | 297         | 362           |                  |                 |

*3 mos after PHC  
10/8/38 mcf*

Pool Name: OTERO CHACRA (GAS)

| Month    | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days Produced | Accum. Oil(BBLS) | Accum. Gas(MCF) |
|----------|-----------|----------|-------------|---------------|------------------|-----------------|
| January  | 0         | 2945     | 0           | 31            | 1258             | 124949          |
| February | 0         | 2531     | 5           | 28            | 1258             | 127480          |

|           |   |       |     |     |      |        |
|-----------|---|-------|-----|-----|------|--------|
| March     | 0 | 2919  | 0   | 31  | 1258 | 130399 |
| April     | 0 | 2822  | 0   | 30  | 1258 | 133221 |
| May       | 0 | 5165  | 210 | 31  | 1258 | 138386 |
| June      | 0 | 5454  | 22  | 30  | 1258 | 143840 |
| July      | 0 | 5032  | 152 | 31  | 1258 | 148872 |
| August    | 0 | 5122  | 0   | 31  | 1258 | 153994 |
| September | 0 | 4476  | 52  | 30  | 1258 | 158470 |
| October   | 0 | 3422  | 0   | 31  | 1258 | 161892 |
| November  | 0 | 4023  | 5   | 27  | 1258 | 165915 |
| December  | 0 | 4463  | 0   | 31  | 1258 | 170378 |
| Total     | 0 | 48374 | 446 | 362 |      |        |

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Page last updated 07/22/2003. Webmaster [gotech@prrc.nmt.edu](mailto:gotech@prrc.nmt.edu)

XTO Energy Workover Report  
JICARILLA APACHE #11  
Objective: Downhole Commingle

5/1/03: Blew dwn well. MIRU Triple "P" rig #4. ND WH. NU BOP. TOH w/134 jts 2-38" tbg, SN & NC. ND BOP. ND 4-1/2" tbg hanger. Rel TIW FB LH pkr. NU BOP. TOH & LD 2 – 4-1/2" csg subs, 68 jts 4-1/2", 11.6# csg & pkr. SDFN.

5/2/03: Blew dwn well. TIH w/134 jts 2-3/8" tbg w/heavy paraffin inside. MIRU hot oil trk. Ppd dwn tbg w/45 bbls heated 2% KCl wtr. TOH w/tbg. TIH w/Guiberson retrieving head & 161 jts tbg. Tgd btm @ 5,107' (153' fill). MIRU AFU. CO fill fr/5,107' to 5,260' (RBP). Rel RBP. TOH w/166 jts tbg, ret tool & RBP. SDFN.

5/3/03: Blew dwn well. TIH w/OPMA, SN, 178 jts 2-3/8" tbg to 5,643'. Did not tag. TOH & LD 14 jts tbg. Landed tbg as follows: 164 jts tbg, SN @ 5,168' & OPMA. EOT @ 5,199'. ND BOP. NU WH. TIH w/2" x 1-1/4" x 12' RWBC pmp (DV) w/3/4" x 6' GAC, spiral rod guide, RHBO tool, 1" x 1' LS, 20 – 3/4" rods w/mold on guides, 78 – 5/8" rods, 88 – 3/4" rods, 19 – 7/8" rods, 3 - 7/8" rod subs (8', 6' & 2') & 1-1/4" x 22' PR w/12' liner. Loaded tbg w/21 bbls 2% KCl wtr. PT tbg to 500 psig for 5", held OK. LS pmp w/rig. Good PA. HWO. RDMO Triple "P" rig #4. SDFN.

5/6/03: MI used American 160-173-74 ppg ut w/25" gearbox sheave & used Ajax 7-1/2 x 10" gas eng w/2.25" S hub, 10" eng sheave & 4 C-225 belts fr/the Jicarilla Apache #14E. Leveled ppg ut pad. SDFN.

5/7/03: Set new 8' x 28' x 14" cmt pad, used American 160-173-74 ppg ut w/25" gearbox sheave & used 7-1/2 x 10" gas eng (SN 58074) w/2.25" S hub, 10" eng sheave & 4 C-225 belts fr/the side of loc. Built new WH manifold. Inst & conn 1" pipe ppg ut fuel gas line fr/WH to ppg ut vol pot.

5/8/03: MIRU Triple "P" rig #4. LS pmp w/rig. No PA. TOH w/22' x 1-1/4" PR w/12' liner, 3 - 7/8" rod subs (2', 6', 8'), 19 – 7/8" rods, 88 – 3/4" rods, 78 – 5/8" rods, 20 – 3/4" rods w/mold on guides, 1' x 1" LS, RHBO tool, spiral rod guide, 2" x 1-1/4" x 12' RHBC pmp w/3/4" x 6' GAC. Paint worn off btm 1' of GAC. TIH w/2" x 1-1/4" x 12' RWBC pmp (DV) w/3/4" x 6' GAC, spiral rod guide, RHBO tool, 1" x 1' LS, 20 – 3/4" rods w/mold on guides, 78 – 5/8" rods, 88 – 3/4" rods, 19 – 7/8" rods, 3 - 7/8" rod subs (8', 6', 2') & 1-1/4" x 22' PR w/12' liner. Loaded tbg w/18 bbls 2% KCl wtr. PT tbg to 800 psig for 5", held OK. LS pmp w/rig. Poor PA (12 strokes to press to 110 psig).

5/9/03: LS pmp w/rig. No PA. TOH w/22' x 1-1/4" PR w/12' liner, 3 - 7/8" rod subs (2', 6', 8'), 19 – 7/8" rods, 88 – 3/4" rods, 78 – 5/8" rods, 20 – 3/4" rods w/mold on guides, 1' x 1" LS, RHBO tool, spiral rod guide, 2" x 1-1/4" x 12' RHBC pmp w/3/4" x 6' GAC. Pmp was cln. ND WH. NU BOP. TOH w/164 jts 2-3/9" tbg, SN & SOPMA. SOPMA had 2' of sd. Dropd 6 – 2" WT bio-balls & flushed w/5 bbls 2%

KCl wtr. TIH w/TSOPMA, SN & 164 jts tbg. RIH w/1.910" tbg broach to SN @ 5,168'. POH w/tbg broach. ND BOP. NU WH. TIH w/2" x 1-1/2" x 12' RWAC-Z (DV) pmp w/stnr nip, spiral rod guide, RHBO tool, 1" x 1' LS, 20 – 3/4" rods w/mold on guides, 78 – 5/8" rods, 88 – 3/4" rods, 20 – 7/8" rods, 4' x 7/8" rod sub & 1-1/4" x 22' PR w/12' liner. Loaded tbg w/17 bbls 2% KCl wtr. PT tbg to 600 psig for 5". Held ok. LS pmp w/rig to 300 psig. Good PA.

5/10/03: Well not ppg. MIRU Triple "P" rig #4. LS pmp w/rig. No PA. Unseated pmp. SD 10". Seated pmp. Loaded tbg w/17 bbls 2% KCl wtr. PT to 600 psig for 5". Held OK. Chk'd PA to 300 psig. PA good. HWO. Ppd for 15" & stopped. Unseated pmp. SD 10". Seated pmp. Loaded tbg w/14 bbls 2% KCl wtr. PT to 600 psig for 5". Held OK. Chk'd PA to 300 psig. PA good. HWO. RDMO rig. Shot ppg ventawave FL @ 3,636' FS (1,531' ASN). SN @ 5,167'.

5/12/03: RWTP 5/12/03. Final rpt to DHC & PWOP.