

**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<br><b>XTO ENERGY INC.</b><br><b>2700 Farmington Ave, Suite K-1</b><br><b>Farmington, New Mexico 87401</b> |                      |                        |                     |                             |                              | OGRID Number<br><br><b>167067</b> |                            |                           |
| Contact Party<br><b>MELISSA M OSBORNE, REGULATORY COMPLIANCE TECH</b>                                                             |                      |                        |                     |                             |                              | Phone<br><b>(505) 566-7925</b>    |                            |                           |
| Property Name<br><b>SCHWERDTFEGER</b>                                                                                             |                      |                        |                     | Well Number<br><b>13</b>    |                              | API Number<br><b>30-045-06923</b> |                            |                           |
| UL<br><b>C</b>                                                                                                                    | Section<br><b>05</b> | Township<br><b>27N</b> | Range<br><b>11W</b> | Feet From The<br><b>990</b> | North/South Line<br><b>N</b> | Feet From The<br><b>1650</b>      | East/West Line<br><b>W</b> | County<br><b>SAN JUAN</b> |

**Workover**

|                                               |                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------|
| Date Workover Commenced:<br><b>05/05/2004</b> | Previous Producing Pool(s) (Prior to Workover):<br><b>KUTZ PICTURED CLIFFS</b> |
| Date Workover Completed:<br><b>06/26/2004</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 )  
 ) ss.  
County of San Juan )  
Melissa M Osborne, 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 Melissa M Osborne Title REGULATORY COMPLIANCE TECH Date 02/25/05

E-mail Address \_\_\_\_\_

SUBSCRIBED AND SWORN TO before me this 25th day of February, 20 05.

My Commission expires: 7/27/08

Notary Public  
Brenda Waller

**FOR OIL CONSERVATION DIVISION USE ONLY:**

**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

06-26, 2004

|                                                        |                                  |                           |
|--------------------------------------------------------|----------------------------------|---------------------------|
| Signature District Supervisor<br><u>Charlie Turner</u> | OCD District<br><u>AZTEC III</u> | Date<br><u>03-07-2005</u> |
|--------------------------------------------------------|----------------------------------|---------------------------|

**DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:**

**XTO Energy Inc.**  
**SCHWERDTFEGGER #13**  
**Full Body Makeover**

5/5/04 MIRU Hurricane rig #2. TIH Set RPB @ 124'. Loaded csg w/2 bbls 2% KCl wtr. Cut off 9-5/8" csg. Welded csg hngr to 9-5/8" csg. Set 5-1/2" csg in hngr. Welded bell nip to 5-1/2" csg. Rlsd RBP. TOH NU BOP. TIH Tgd btm @ 1,710' (60' cmt). RU swivel. DO cmt fr/1,710' - 1,770' to CIBP. DO CIBP. MIRU Air Comp

5/6/04 TIH Tgd btm @ 1,940' (11' fill). RU swivel. CO fill w/AFU fr/1,940' - 1,951'. Drld fr/1,951' - 1,956'. TOH TIH Drld fr/1,956' - 1,970'. TOH

5/7/04 TIH Tgd btm @ 1,970' RU swivel. Drld w/AFU fr/1,970'-1,980'. TOH TIH Tgd btm @ 1,980' Drld fr/1,980' - 1,990'.

5/8/04 RU AFU & unloaded well. Drld fr/1,990'-1,995'. TOH TIH Drld fr/1,995' - 2,106' @ TD. TOH

5/9/04 TIH Tgd btm @ 2,106' @ TD Circ & cond hole 1.5 hrs. TOH MIRU csg equip. TIH Landed csg w/donut as follows: FC @ 2,035' & GS @ 2,079'. RDMO csg equip. MIRU cmt pmp trk. Circ & cond hole for 1 hr. Ppd 10 bbls CaCl2 wtr, 5 BFW, 10 bbls Flow Guard, 5 BFW, 7.2 bbls Premium LHS cmt (10.5 ppg, yield 4.06), 36.0 bbls (95 sxs) Premium cmt (12.5 ppg, yield 2.11). Dropd 4" wiper plg & flshd w/23.5 BFW (full rtns). Bmpd plg @ 1,570 psig. Circ 4 bbls cmt to surf. Bled off press to 100 psig. SWI. RDMO cmt pmp trk. MIRU Stinger 5,000# WP frac vlv. RDMO Rptd to Diana Lucero w/BLM @ 3:55 p.m. & Monica Kulhing w/OCD @ 4:00 p.m. 5/07/04 for cmt @ 3:30 p.m., 5/08/04. RD for rep.

5/25/04 MIRU ac trk. PT csg to 3,000 psig for 30". Held OK. Rlsd press. RD ac trk. MIRU WL trk. Ran GR/CCL log fr/2,037' (PBTD) to 500'. Perfd PC w/2" spiral strip gun fr/1,874' - 1,909' w/1 JSPF (Owen STP-2125-401NT, 14 gm chrgs, 0.27" dia, 24" pen, 35 holes). POH w/strip gun. RDMO WL trk. RU ac trk. BD PC perfs w/2% KCl wtr @ 1,224 psig & 1.2 BPM. EIR @ 10.0 BPM & 1,236 psig. A. w/750 gals 7.5% NEFE HCl ac @ 6.9 BPM & 792 psig. Flshd w/26 bbls 2% KCl wtr. AIR @ 10.1 BPM & 779 psig. ISIP 210 psig. 3" SIP 0 psig. RDMO ac trk. 50 BLWTR.

5/28/04 MIRU frac equip. Fracd PC perfs fr/1,874' - 1,909' dwn 4-1/2" csg w/44,151 gal 70Q, N2 foamed, 20# linear gelled 2% KCl wtr carrying 114,410# 20/40 Brady sd ctd w/sandwedge NT. Flshd w/870 gal 50Q, N2 foamed, 20# linear gelled 2% KCl wtr. Max BH sd conc 5.95 ppg. AIR 41.8 BPM. ATP 1,405 psig. Max TP 1,553 psig. ISIP 973 psig, 5" SIP 726 psig, 10" SIP 676 psig & 15" SIP 630 psig. 404 BLWTR. RDMO frac equip. SWI 3 hrs. SICP 630 psig. OWU on 3/8" ck @ 1:00 p.m. F. 0 BO, 3 BLW (N2 w/no sd), FCP 630 - 120 psig, 3/8" ck, 1 hr. Chgd to 1/2" ck. F. 0 BO, 3 BLW (N2 w/no sd), FCP 120 - 20 psig, 1/2" ck, 1 hr. Chgd to 3/4" ck. F. 0 BO, 2 BLW (N2 w/no sd), FCP 20 - 0 psig, 3/4" ck, 1 hr. SWI 2 hrs. SICP 20 psig. SWIFPBU.

6/2/04 MIRU. ND frac vlv. NU BOP. TIH w/NC, SN & 57 jts 2-3/8" tbg w/SHC. Tgd btm @ 1,794' (243' fill). Circ & CO fill fr/1,794' - 1,888' & lost circ. Ppd 180 bbls 2% KCl wtr & could not circ. POH & LD 1 jt tbg. SN @ 1,858'. RU swb. BFL @ 1,300' FS. S. 0 BO, 8 BLW, 1 hr, 5 runs. FFL @ 1,880' FS. RD swb. SDFN.

6/3/04 SITP 0 psig, SICP 0 psig. TIH w/NC, SN & 57 jts 2-3/8" tbg w/SHC. Tgd btm @ 1,810' (227' fill). MIRU N2 trk. Circ & CO fill fr/1,810' - 2,037' (PBTD). Circ on btm for 1 hr. POH & LD 3 jts tbg. SN @ 1,941'. Dropd SV. RU swb. BFL @ 1,500' FS. S. 0 BO, 5 BLW, 1 hr, 4 runs. FFL @ 1,660' FS. Swb stuck w/sd. Could not pull free. Dropd cable cutter & cut off sd ln. POH w/sd ln. TOH w/64 jts tbg, SN (swb tl & SV) & NC. TIH w/NC, SN & 65 jts tbg. Tgd btm @ 2,006' (30' fill). CO fill fr/2,006' - 2,037' (PBTD). Circ on btm 1.5 hrs. POH & LD 2

jts tbg. RU swb. BFL @ 1,700' FS. S. 0 BO, 12 BLW, 1.5 hrs, 11 runs. FFL @ 1,700' FS. POH & LD 2 jts tbg. RDMO N2 trk.

4/04

BD well. PU & TIH w/2 jts tbg. SN @ 1,973'. RU swb. BFL @ 1,700' FS. S. 0 BO, 14 BLW, 3 hrs, 14 runs. FFL @ 1,700' FS. PU 2 jts 2-3/8" tbg w/SHC. Tgd btm @ 1,987' (50' fill). CO fill fr/1,987' - 2,017'. Blr stpd. TOH w/66 jts 2-3/8" tbg (SHC) & pmp blr. CO pmp blr. TIH w/pmp blr & 66 jts tbg (SHC). Tgd btm @ 2,012' (25' fill). CO fill fr/2,012' - 2,037' (PBD). POH w/2 jts tbg. SD 1 hr. TIH w/2 jts tbg & tgd btm @ 2,037' (PBD). TOH w/66 jts tbg (SHC) & pmp blr. TIH w/2-3/8" x 30' OEMA w/1/4" weep hole, SN & 62 jts 2-3/8", 4.7#, J-55, 8rd, EUE TuboCribre tbg (SHC). Landed tbg w/donut as follows: SN @ 1,926' & EOT @ 1,957. RIH 1.910" tbg broach to SN. POH w/tbg broach. ND BOP. NU WH.

5/04

TIH w/2" x 1-1/2" x 8' (DV) pmp, spiral rod guide, RHBO tl, 1" x 1' LS, 76 - 3/4" Norris grade "D" rods fr/EPS, 2 - 3/4" rod subs (6' & 23') & 1-1/4" x 16' PR w/8' lnr. Loaded tbg w/5 bbls 2% KCl wtr. PT to 500 psig for 5". Held OK. Rlstd press. LS pmp w/rig to 500 psig. Gd PA. HWO. RDMO

9/04

Lvld PU pad & set new 7' x 20' x 12" cmt pad. Set new 50-89-54 PU w/18" gearbox sheave & new, 18hp, auto st gas eng w/3.4" eng sheave & Speed Reducer w/12.4" & 5" reducer sheaves. Inst 2 B-64 belts fr/eng to 12.4" sheave & 2 B-136 belts fr/5" sheave to gearbox & ISS control box. Dug pit & inst wooden cellar. Set new, 6' x 12', 120 bbl, stl, wtr pit tk w/exp metal top in cellar. Built sep pad. Set new 30" x 10', 500 psig WP, 2ph, vert sep w/heated wtr bath & 100 MBTU burner. Built WH & sep compr mnfd. Dug ditch fr/WH to sep. Inst & conn welded 3" S 40 FB pipe FL fr/WH mnfd to sep inl, welded 2" S40 FB pipe tbg pmp ln fr/WH tbg mnfd to pit tk & welded 1" S40 FB pipe PU FG ln fr/sep to PU vol pot.

10/04

Dug ditch fr/sep to exist mtr run. Inst & conn welded 3" S40 FB pipe gas sales ln fr/sep compr mnfd to exist mtr run inl. Inst auto cbl fr/RTU loc to WH, sep & pit tk in ln ditches. Backfilled ditches. Built sep & pit tk berm & fence. Clnd loc. Tk btry const compl. Std PU @ 5:00 p.m., 6/9/04. Ppg @ 8 x 45" SPM. Tbg ppg to pit tk & csg SIFPBU. MI & set screw compr Cat 3304, 2 stg,

6/11/04

SDWO compr inst compl. 1-call turned in. Inst eFM/RTU (RTU #9329) on meter run. Inst solar panel/batt system & radio/antenna. Inst & conn WH xmtr, pit tk flts, PU run status, kill & auto ck vlv. Temin cbles in RTU. Function tstd unit. Auto inst compl.

5/15/04

Inst & conn 3" S40 FB welded suct ln fr/the allocation mtr to the 3" header on the CDP 3 ball mnfd. Inst & conn 3" S40 FB welded suct ln fr/3 ball mnfd to compr. Inst & conn 2" S40 T&C disch ln fr/compr to 3 ball mnfd. Inst & conn 2" S40 T&C dmp ln to pit. SDWO 1st del.

5/26/04

Prep compr for st up. PTP 150 psig, SICP 75 psig. Std WH screw compr (Cat 3304, 2 stg) RWTP @ 11:00 a.m., 6/25/04.

Well: SCHWERDTFEGER No.: 13  
 Operator: XTO ENERGY, INC. API: 3004506923  
 Township: 27.0N Range: 11W  
 Section: 5 Unit: C  
 Land Type F County: San Juan

Year: 1997

Pool Name KUTZ PIC WEST (GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBL) | Days Produced |
|-----------|-----------|----------|------------|---------------|
| January   | 0         | 538      | 0          | 31            |
| February  | 0         | 569      | 0          | 28            |
| March     | 0         | 734      | 0          | 31            |
| April     | 0         | 713      | 0          | 30            |
| May       | 0         | 670      | 0          | 31            |
| June      | 0         | 598      | 0          | 30            |
| July      | 0         | 548      | 0          | 31            |
| August    | 0         | 201      | 0          | 31            |
| September | 0         | 387      | 0          | 30            |
| October   | 0         | 778      | 0          | 31            |
| November  | 0         | 850      | 0          | 30            |
| December  | 0         | 1077     | 0          | 31            |
| Total     | 0         | 7663     | 0          | 365           |

Year: 1998

Pool Name KUTZ PIC WEST (GAS)

| Month     | Oil(BBLS) | Gas(MCF) | Water(BBL) | Days Produced |
|-----------|-----------|----------|------------|---------------|
| January   | 0         | 996      | 0          | 31            |
| February  | 0         | 1109     | 0          | 28            |
| March     | 0         | 1155     | 0          | 31            |
| April     | 0         | 974      | 0          | 30            |
| May       | 0         | 1058     | 0          | 31            |
| June      | 0         | 683      | 0          | 26            |
| July      | 0         | 0        | 0          | 0             |
| August    | 0         | 0        | 0          | 0             |
| September | 0         | 160      | 0          | 30            |
| October   | 0         | 0        | 0          | 0             |
| November  | 0         | 0        | 0          | 0             |
| December  | 0         | 0        | 0          | 0             |
| Total     | 0         | 6135     | 0          | 207           |

Year: 1999

Pool Name KUTZ PIC WEST (GAS)

Year: 2000

Pool Name KUTZ PIC WEST (GAS)

Year: 2001

Pool Name KUTZ PIC WEST (GAS)

Year: 2002

Pool Name KUTZ PIC WEST (GAS)

Year: 2003

Pool Name KUTZ PIC WEST (GAS)

Year: 2004

Pool Name KUTZ PIC WEST (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         | 219      | 0          | 15            |
| August    | 0         | 1172     | 0          | 30            |
| September | 0         | 1441     | 0          | 30            |
| October   | 0         | 1701     | 0          | 31            |
| November  | 0         | 1438     | 0          | 30            |
| December  | 0         | 1752     | 825        | 31            |
| Total     | 0         | 1951     | 825        | 167           |

9428

12 MTHS PROD  
AVG PROD  
785.6666667

4314

3 MTHS PROD  
AVG PROD  
1438

INCREASE/DECREASE  
2223.666667