

APPLICATION FOR  
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address XTO Energy Inc. 2700 Farmington Avenue, Building K, Suite 1 Farmington, NM 87401							OGRID Number  <b>167067</b>		
Contact Party Loren W. Fothergill							Phone 505-324-1090		
Property Name  <b>PIPKIN EH</b>					Well Number  <b>25</b>		API Number  <b>30-045-25157</b>		
UL L	Section 36	Township 28N	Range 11W	Feet From The 1,740'	North/South Line NORTH	Feet From The 1,070'	East/West Line EAST	County SAN JUAN	

## II. Workover

Date Workover Commenced: 03/24/01	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 04/04/01	<b>RE-FRAC &amp; PUT WELL ON PUMP</b>

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 )  
Loren W. Fothergill, 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 Loren W. Fothergill Title Production Engineer Date 2-01-02  
SUBSCRIBED AND SWORN TO before me this 1<sup>ST</sup> day of February, 2002  
Doreen Blamang  
Notary Public  
My Commission expires: 6/10/03

**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 04-04, 2001.

Signature District Supervisor <i>Charlie T. Perry</i>	OCD District <i>AZ REC III</i>	Date <i>02-08-2022</i>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

**XTO ENERGY**  
**SAN JUAN DISTRICT**  
**WELL WORKOVER**

Tuesday, December 04, 2001

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**PIPKIN, EH**

**WELL # 25**

**RESERVOIR: PICTURED CLIFFS**

**OBJECTIVE: Frac stimulate & PWOP.**

3/24/01 First rpt to refrac well and PWOP. MIRU rig. OWU & blw dwn well. ND WH. NU BOP. PU 2 jts tbg & tgd PBTB @ 1,679'. LD 2 jts & talley out of hole w/49 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, SN, 1 jt 2-3/8" tbg & NC. PU 4-1/2" x 2-3/8" HD tension pkr. TIH w/pkr & 48 jts 2-3/8" tbg. Set pkr @ 1,547'. SWI. SDFN.

3/27/01 OWU & blw dwn well. Set pkr @ 1,547' w/12K lbs tension. MIRU acid crew. PT T/C annulus w/16 bbls 4% KCl wtr to 3,000 psig. Lost 600 psig, 15" due to WH flange leak. BD PC perfs fr/1,618'-62' w/4% KCL wtr. EIR of 4.25 BPM @ 32 psig. Acidized PC perfs w/500 gals 15% NEFE HCl acid & 40 7/8" RCN balls @ 4.5 BPM & 96 psig. Good BA. No ball off. ISIP vac. RDMO Dowell. Rel pkr & RIH w/3 jts tbg. Knocked balls off perfs. TOH w/1 jt tbg. SN set @ 1,613'. S. 0 BLW, 3 runs. T/C annulus on vac. TOH w/50 jts tbg & pkr. SWI. SDFN.

3/28/01 MIRU frac crew. RJ Stinger WH isolation tool. Frac PC fr/1,618'-62' dwn 4-1/2" csg w/13,304 gals ClearFrac, 70Q N2 foamed, 4 % KCl wtr & 82,160# 20/40 Brady sd w/PropNet in the last 30,000 lbs @ 35 BPM & 1,198 psig. ISIP 1,030 psig, 30 sec. 998 psig, 5" SIP 966 psig, 10" SIP 948 psig & 15" SIP 934 psig. Ppd frac'd as follows: 800 gals Mutual solvent pre pad, 2,285 gals 73Q N2 foamed ClearFrac, 1,735 gals 70Q N2 foamed ClearFrac @1 ppg, 3,901 gals 70Q N2 foamed ClearFrac @ 2 ppg, 4,355 gals 70Q N2 foamed, ClearFrac @ 3 ppg & 3,364 gals 70Q N2 foamed ClearFrac @ 4# ppg. Flushed w/374 gals 68Q N2 foamed ClearFrac. RDMO Dowell & Stinger WH Isolation. RU flow-back line & OWU to tank on 1/8" ck @ 750 psig.

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3/29/01 OWU on 1/4" ck. F. 1/4 BLW, FCP 2 psig, 1 hr. TIH w/51 jts 2-3/8", J-55, EUE, 8rd tbg, SN & NC. Tgd fill @ 1,616'. PC perf's fr/1,618'-62'. TOH w/tbg. PU 4-1/2" x 2-3/8" pmp bailer. TIH w/tbg & bailer. CO fill fr/1,616'-37'. Bailer quit. TOH w/bailer. Bailer quit due to PropNet in sd. CO bailer. TIH w/bailer & tbg. CO fill fr/1,637'-66'. Quit bailing. TOH & CO bailer. PropNet in sd. TIH w/bailer & tbg. Tgd sd @ 1,660' (6' fill). CO fill fr/1,660'-79'. Quit bailing. TOH w/52 jts & bailer. CO bailer (rec 29 frac balls). TIH w/49 jts tbg & bailer. SWI. SDFN.

3/30/01 TIH w/3 jts tbg & tgd fill @ 1,679' (0' fill). CO 5' to 1,684'. TOH w/52 jts tbg & pmp bailer. Rec poss exp ck piece in NC. Repl NC & CO bailer. TIH w/bailer & tgd fill @ 1,684'. Worked bailer. Made no footage. TOH w/ bailer & tbg. CO bailer & rec 4 frac balls & metal. PU 3-3/4" blade bit. TIH w/bit, pmp bailer & 52 jts tbg. Tgd @ 1,684'. Worked bailer 30". CO to 1,685'. TOH w/tbg & bailer. Rec small pieces of metal & rubber. TIH w/bit, SN & 51 jts. SN set @ 1,637'. BFL @ 1,500'. S. 1/8 BLW, 3 runs. FFL @ 1,600'. TIH w/1 jt tbg. SN set @ 1,666'. S. 1/16 BLW, 2 runs. FFL @ 1,650'. No wtr, sd or gas entry. TOH w/2 jts tbg. SWI. SDFN.

3/31/01 OWU & TIH w/2 jts tbg. BFL @ 1,600'. S. 12 BLW w/trace of sd, 4 hrs (26 runs). FTP vac. SICP 15 psig. Blw dwn well. TIH & tgd fill @ 1,675', (9' fill). PU tbg swivel. MIRU H&M Prec. Ppd 20 BFW dwn tbg @ 1.5 BPM. Attempted to CO fill, made 2' w/o circ. RDMO H&M. TOH w/tbg, SN & bit. PU & TIH w/pmp bailer w/bit. Rig BD due to tbg slips. Repl slips. TIH w/1 jt & lost slip segment dwn hole. TOH w/39 jts & bailer. Drug out of hole, didn't rec slip. PU & RIH w/4-1/2" magnet on sand-line. Made 5 runs & didn't recover slip seg. SWI. SDFN.

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- 4/1/01 PU & TIH w/2-1/2" overshoot w/notched guide shoe, ck sub, 6 jts 2-3/8" tbg as cavity, pump style bailer, ck sub, side port sub & tbg. Tgd fill @ 1,675'. CO to 1,684'(PBTD). TOH. Emptied cavity. Rec slip segment. LD BHA. Landed prod tbg as follows: 15' x 2-3/8" slotted OPMA, SN, 51 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg & 2 - 10' x 2-3/8" pup jts. EOT set @ 1,679'. SN set @ 1,663'. PC perfs fr/ 1.618'-62'. ND BOP. NU WH. TIH w/2" x 1-1/4" x 8' RWAC pmp w/8' x 3/4" GA, RBHO tool, Spiral rod guide, LS, 66 - 3/4" new grade "D" rods, 1 - 4' x 3/4" pony rod & 1-1/4" x 16' PR w/1-1/2" x 8' liner. RU H&M Precision pmp trk. Loaded tbg w/8 bbls 2% KCl wtr. Press to 500 psig. Held OK. Ck'd PA - OK. RD pmp trk. HWO. RD PU.
- 4/3/01 Built ppg ut pad. MI & set PPS recond Jensen 40A89J42B ppg ut w/PPS recond Emsco C-46 gas engine fr/CTOC stock. Ppg ut w/22" gearbox sheave & installed 8" sheave w/1.44" S hub on engine w/3 B-120 belts. HWO. MI & connected temp LPG fuel gas tnk to engine vol pot. SDFN.
- 4/4/01 Built WH manifold. Installed 2" T&C pipe pmp line to frac tnk. OWU & std ppg ut @ 5:00 p.m., 4/3/01. Ppg @ 6 x 42" SPM.

Well: E H PIPKIN No.: 25  
 Operator: XTO ENERGY, INC. API: 3004525157  
 Township: 28.0N Range: 11W  
 Section: 36 Unit: L  
 Land Type F County: San Juan

Accumulated:  
 Oil: 0 (BBLs) Gas: 555234 (MCF)  
 Water: 1785 (BBLs) Days Prod: 5136 (Days)

Year: 1997

Pool Name: FULCHER KUTZ PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	0	26	31	0	0
February	0	0	2	3	0	0
March	0	1518	7	11	0	1518
April	0	3791	18	30	0	5309
May	0	3299	16	31	0	8608
June	0	2650	14	30	0	11258
July	0	2513	0	31	0	13771
August	0	2370	0	31	0	16141
September	0	2115	0	30	0	18256
October	0	1925	0	31	0	20181
November	0	1814	0	30	0	21995
December	0	1811	0	31	0	23806
Total	0	23806	83	320		

Year: 1998

Pool Name: FULCHER KUTZ PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	1631	0	31	0	25437
February	0	1300	0	28	0	26737
March	0	1543	0	31	0	28280
April	0	1213	0	30	0	29493
May	0	1450	0	31	0	30943
June	0	1216	0	30	0	32159
July	0	1254	0	31	0	33413
August	0	1141	0	31	0	34554
September	0	1331	0	30	0	35885
October	0	1095	0	31	0	36980
November	0	1060	0	30	0	38040
December	0	1002	0	31	0	39042
Total	0	15236	0	365		

Year: 1999

Pool Name: FULCHER KUTZ PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	891	0	31	0	39933
February	0	720	0	28	0	40653
March	0	729	0	31	0	41382
April	0	652	0	30	0	42034
May	0	531	0	31	0	42565

June	0	502	0	30	0	43067
July	0	605	0	31	0	43672
August	0	531	0	31	0	44203
September	0	397	0	30	0	44600
October	0	211	0	31	0	44811
November	0	187	0	30	0	44998
December	0	66	0	31	0	45064
Total	0	6022	0	365		

Year: 2000

Pool Name: FULCHER KUTZ PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	11	0	31	0	45075
February	0	379	0	28	0	45454
March	0	249	0	31	0	45703
April	0	132	0	30	0	45835
May	0	10	0	31	0	45845
June	0	7	0	30	0	45852
July	0	0	0	0	0	45852
August	0	0	0	0	0	45852
September	0	0	0	0	0	45852
October	0	0	0	0	0	45852
November	0	0	0	0	0	45852
December	0	0	0	0	0	45852
Total	0	788	0	181		

Year: 2001

Pool Name: FULCHER KUTZ PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	0	0	0	0	45852
February	0	0	0	0	0	45852
March	0	0	0	0	0	45852
April	0	45	80	0	0	45897
May	0	563	0	31	0	46460
June	0	2150	100	30	0	48610
July	0	2318	45	31	0	50928
Total	0	5076	225	92		