

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. 142060479	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☒ Other ☐ MAY 2002		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR XTO Energy Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401 505-324-1090		8. FARM OR LEASE NAME, WELL NO. MOUNTAIN UTE GAS COM N #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface SWNE 2500 FNL & 550 FEL At top prod. interval reported below At total depth		9. API WELL NO. 30-045-30491	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 3/13/2001		16. DATE T.D. REACHED 3/18/01	
17. DATE COMPL. (Ready to prod.) 4/5/02		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6283' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 3804'	
21. PLUG, BACK T.D., MD & TVD 3160' (CIBP)		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0 - TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) BASIN DAKOTA 2814' - 2896'	
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN AIL MSFL/GR/SP/CAL LDT/CNL/PE/FMI	
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)	
CASING SIZE/GRADE		WEIGHT, LB./FT.	
8-5/8" J-55		24#	
4-1/2" J-55		11#	
DEPTH SET (MD)		HOLE SIZE	
374'		12-1/4"	
3803'		7-7/8"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
250 SX			
925 SX			
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		2364'	
31. PERFORATION RECORD (Interval, size and number) 2,814' - 17', 2,839' - 41', 2,858' - 66' AND 2,886' - 96' (23 HOLES, 0.36" EHD)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2,814' - 96'		1,000 gals 7.5% NEFE HCl acid	
2,814' - 96'		26,950 gals 20#, crosslinked, gelled, 70Q, N2 foamed 2% KCl wtr & 57.284# 20/40 Brady sand	
33.* PRODUCTION		DATE FIRST PRODUCTION	
PRODUCTION METHOD: Flowing, gas lift, pumping - size and type of pump		WELL STATUS (Producing or shut-in) F	
FLOWING		DATE OF TEST 4/5/02	
HOURS TESTED 5 hrs		CHOKE SIZE 3/8"	
PROD'N. FOR TEST PERIOD 0 bbls		OIL - BBL. 0 bbls	
GAS - MCF. 117.5 MCF		WATER - BBL. 2 bbls	
GAS - OIL RATIO		FLOW. TUBING PRESS. 170 psig	
CASING PRESSURE 250 psig		CALCULATED 24-HOUR RATE 0 bbls	
OIL - BBL. 0 bbls		GAS - MCF. 564 MCFPD	
WATER - BBL. 9.6 bbls		OIL - BBL. WITH CEMENT 0 bbls	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD		TEST WITNESSED BY Jim Baker APR 9 2002	
35. LIST OF ATTACHMENTS		Bureau of Land Management Durango Colorado	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED: [Signature] TITLE OPERATIONS ENGINEER	
DATE 4/8/02		RECEIVED	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Farmington Well Workover Report

MOUNTAIN UTE GAS COM N	Well # 002	DK
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Objective: Drill & complete

First Report: 03/27/2002

AFE: 2000771

3/27/02 Cont of AFE #2000771 to D&C DK well. MIRU LCE Well Service rig #1. FTP 53 psig, SICP 53 psig. Blew well dwn. ND WH. NU BOP. TOH w/2-3/8" tbg. TIH w/Schlumberger 4-1/2" CIBP & 2-3/8" tbg. Set CIBP @ 3,160'. Morrison perfs fr/3,182'-92'. PT to 500 psig. Held OK. Swbd FL dwn to 2,500' FS. TOH. SWI. SDFN.

3/28/02 MIRU BWWC WL trk. Perf'd the lwr DK w/3-1/8" scalloped csg gun (23 gram, 0.36" EHD, ttl 12 holes) fr/3,020'-23' @ 4 JSPF. Tgd CIBP @ 3,163'. RD WL trk. TIH w/Schlumberger 4-1/2" tension pkr & 2-3/8" tbg to 2,993'. Left pkr swinging. RU swab lubricator. BFL 2,340' FS. Rec 10 BW, 15 runs. FFL 2,820' FS. Last 8 runs made every 30". Rec 1/4 BW per run. SWI. SDFN.

Swab	Zone:	Dakota			
	Event Desc:	Swb lwr DK		Top Interval: 3,020	Bottom Interval: 3,023
		Swab	Beg	BBLs	
	Time	Runs	FL	Rec	Comments
	10:40:00 AM	1	2,340	2	Wtr.
	11:00:00 AM	1	2,460	2	
	11:20:00 AM	1	2,540	2	
	11:35:00 AM	1	2,640	2	
	11:55:00 AM	1	2,710	1	
	12:10:00 PM	1	2,850	1	
	12:30:00 PM	1	2,900	1	
	1:00:00 PM	1	2,810	0	
	1:30:00 PM	1	2,815	0	
	2:00:00 PM	1	2,840	0	
	2:30:00 PM	1	2,810	0	
	3:00:00 PM	1	2,835	0	
	3:30:00 PM	1	2,830	0	
	4:00:00 PM	1	2,810	0	
	4:30:00 PM	1	2,820	0	
			Ttl Bbls:	10	

3/29/02 SITP 2 psig, SICP 3 psig. RU to swb. BFL 1,000' FS. Rec 10 BW, 4 runs. FFL 1,500' FS. TOH & LD pkr. TIH w/4-1/2" CIBP & 2-3/8" tbg. Set CIBP @ 3,010'. PT to 500 psig. Held OK. TOH. RU BWWC WL trk. Perf'd the DK 1 JSPF w/3-1/8" csg gun (16 gram, 0.37" EHD, 23 holes) as follows: 2,886'-96', 2,858'-66', 2,839'-41' & 2,814'-17'. RD WL trk. TIH w/4-1/2" tension pkr to 2,805'. RU to swb. BFL 100' FS. Rec 35 BW, 10 runs. FFL 2,500' FS. SICP 150 psig. Well KO. FTP 10 psig, SICP 100 psig, 2" op vlv. SWI. SDFN.

Swab	Zone:	Dakota			
	Event Desc:	Swb Lwr DK		Top Interval: 3,020	Bottom Interval: 3,023
		Swab	Beg	BBLs	
	Time	Runs	FL	Rec	Comments
	7:00:00 AM	1	1,000	3	Wtr.
	7:30:00 AM	1	1,000	3	Wtr.
	8:00:00 AM	1	1,300	2	Wtr.
	8:30:00 AM	1	1,500	2	Wtr.
			Ttl Bbls:	10	

Swab	Zone:	Dakota (Main)			
	Event Desc:	Swb after Perforating		Top Interval:	Bottom Interval:
				2,814	2,896
		Swab	Beg	BBLS	
	Time	Runs	FL	Rec	Comments
	12:30:00 PM	1	100	4	Wtr.
	1:00:00 PM	1	500	4	Wtr.
	1:30:00 PM	1	700	4	Wtr.
	2:00:00 PM	1	800	4	Wtr.
	2:30:00 PM	1	1,000	4	Wtr.
	3:00:00 PM	1	1,500	4	Wtr.
	3:30:00 PM	1	1,700	4	Wtr.
	4:00:00 PM	1	2,000	3	Wtr.
	4:30:00 PM	1	2,300	2	Wtr.
	5:00:00 PM	1	2,500	2	Wtr. Well KO.
			Ttl Bbls:	35	

3/30/02 SDF holiday.

3/31/02 SDF Saturday.

4/1/02 SDF Sunday.

4/2/02 SITP 600 psig, SICP 600 psig. Op well on 3/8" choke. F. 0 BO, 0 BW, FTP 25 psig, SICP 50 psig, 3/8" ck, 1-3/4 hrs. RU to swab. BFL 2,805' FS. Rec 0 BW, 1 run. TOH & LD tension pkr. TIH w/4-1/2 RBP, compression pkr & 2-3/8" tbg. WO Schl acid trks. SWI. SDFN.

Flow	Zone:	Dakota (Main)			
	Event Desc:		Top Interval:	Bottom Interval:	
			0	0	
		Avg	Choke	BBLS	
	Time	Press	Size	Rec	Comments
	7:15:00 AM	600	0	0	Op on 3/8" ck.
	7:30:00 AM	120	3/8	0	SICP 160 psig.
	7:45:00 AM	60	3/8	0	SICP 50 psig.
	8:00:00 AM	25	3/8	0	SICP 50 psig.
	8:20:00 AM	20	3/8	0	SICP 50 psig.
	8:40:00 AM	25	3/8	0	SICP 50 psig.
	9:00:00 AM	25	3/8	0	SICP 50 psig.
			Ttl Bbls:	0	

4/3/02 SITP 380 psig, SICP 380 psig. Set pkr @ 2,872'. MIRU Schl acid trks. A. fr/2,886'-96' w/12 bbls 7.5% NEFE HCL acid. BD @ 897 psig & 2.2 BPM. ATP 1,550 psig. AIR 5.3 BPM. ISIP 124 psig. 30 sec SIP 0 psig. Rel pkr. PUH & set RBP @ 2,872' & pkr @ 2,870'. PT RBP to 1,000 psig. Held OK. Rel pkr & reset @ 2,850'. A. fr/2,858'-66' w/9.4 bbl 7.5% NEFE HCL acid. BD @ 1,000 psig & 1.5 BPM. ATP 1,400 psig. AIR 5.4 BPM. ISIP 133 psig. 30 sec SIP 0 psig. Rel pkr & ret RBP. Reset RBP @ 2,850' & pkr at 2,846'. PT RBP to 1,000 psig. Held OK. Rel pkr & reset @ 2,827'. A. fr/2,839'-41' w/2.5 bbls 7.5% NEFE HCL acid. BD @ 800 psig & 3 BPM. ATP 2,000 psig. AIR 5.1 BPM. ISIP 87 psig. 30 sec SIP 0 psig. Rel pkr & ret RBP. Reset RBP @ 2,827' & pkr @ 2,823'. PT RBP to 1,000 psig. Held OK. Rel pkr & reset @ 2,776'. A. fr/2,814'-17' w/1.5 bbls 7.5% NEFE HCL acid. BD @ 1,400 psig & 1.5 BPM. ATP 1,500 psig. AIR 3.9 BPM. ISIP 513 psig. 5 min SIP 50 psig. RD acid trks. Rel pkr & ret RBP. TIH to 2,872'. RU to swab. BFL 1,810' FS. S. 29 BLW, 15 runs. FFL 2,540' FS. SICP 160 psig. Flw'd after each run. TOH & LD pkr & RBP. SWI. SDFN. 102 BLWTR.

Swab	Zone:	Dakota			
	Event Desc:	Swb DK		Top Interval:	Bottom Interval:
				0	0

<u>Time</u>	<u>Swab Runs</u>	<u>Beg FL</u>	<u>BBLs Rec</u>	<u>Comments</u>
11:15:00 AM	1	1,810	5	Water
11:30:00 AM	1	2,050	5	Water
11:45:00 AM	1	2,400	4	Water
12:00:00 PM	1	2,500	4	Water
12:15:00 PM	1	2,510	3	Water & acid
12:50:00 PM	1	2,490	3	Water & acid
1:10:00 PM	1	2,610	2	Water & acid
1:25:00 PM	1	2,705	1	Water & acid
1:40:00 PM	1	2,790	1	Water & acid
1:55:00 PM	1	2,750	1	Water & acid
2:10:00 PM	1	2,340	1	Acid
2:25:00 PM	1	2,510	1	Acid
2:50:00 PM	1	2,540	1	Acid
3:10:00 PM	1	2,610	1	Water & acid
3:30:00 PM	1	2,540	1	Water & acid

Ttl Bbls: 31

4/4/02 SICP 400 psig. Blew well dwn. ND BOP. Inst frac vlv. MIRU Schl frac equip. Frac'd the DK fr/2,814'-96' w/26,950 gals 20#, crosslinked, gelled, 70Q, N2 foamed 2% KCl wtr and 57,284 lbs 20/40 Brady sd. ATP 1,935 psig. Max TP 2,252 psig. AIR 37 BPM. Max IR 40.7 BPM. ISIP 1,466 psig. 5" SIP 1,263 psig. 10" SIP 1,167 psig. 15" SIP 1,120 psig. RD frac trks. Inst flowback line. SWI for 2.5 hrs. SICP 1,000 psig. F. 5 BLW (wtr & N2), FCP 1000 - 440 psig, 1/8" ck, 1 hr. F. 17 BLW (wtr, light sd & N2), FCP 340 - 120 psig, 1/4" ck, 3 hrs. F. 24 BLW (wtr, light to no sd & N2 to gas), FCP 90 - 150 psig, 3/8" ck, 11 hrs. 221 BLWTR.

Flow

Zone: Dakota (Main)

Event Desc: Flow back after frac

Top Interval: 2,814

Bottom Interval: 2,896

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLs Rec</u>	<u>Comments</u>
12:00:00 PM	1,000		0	Op well on 1/8" ck
12:15:00 PM	900	1/8	0	
12:30:00 PM	710	1/8	0	
12:45:00 PM	480	1/8	2	Wtr & N2.
1:00:00 PM	440	1/8	3	Wtr, N2 & no sd. Chg'd to 1/4" ck.
1:30:00 PM	340	1/4	4	Wtr, light sd & N2.
4:00:00 PM	120	1/4	13	Wtr, light sd & N2. Chg'd to 3/8" ck.
5:00:00 PM	90	3/8	3	Wtr, light sd & N2.
6:00:00 PM	150	3/8	3	Wtr, light sd & N2.
12:00:00 AM	140	3/8	9	Wtr, light sd & N2.
2:00:00 AM	150	3/8	4	Wtr, slugs of sd, N2 & gas.
4:00:00 AM	150	3/8	3	Wtr, light sd & gas.
6:00:00 AM	150	3/8	2	Wtr, no sd & gas.

Ttl Bbls: 46

Stimulation **Zone:** Dakota (Main)

Event Desc: Frac DK

Top Interval: 2,814

Bottom Interval: 2,896

Event	Stage	Vol	Rate	Press	
Seq	Desc	(gal)	(bpm)	(psig)	Comments
1	Pad	5,890	40	2,217	
2	1 ppg	2,490	40	2,115	20/40 Brady sd.
3	2 ppg	3,536	40	2,140	20/40 Brady sd.
4	3 ppg	5,010	40	2,175	20/40 Brady sd.
5	4 ppg	4,990	40	2,175	20/40 Brady sd.
6	4 ppg	3,060	40	2,154	20/40 Brady sd w/PropNet. Cut PropNet w/1,000# sd remaining.
7	Flush	1,098	35	2,203	59Q Foam.
8	ISIP	0	0	1,466	
9	5" SIP	0	0	1,263	
10	10" SIP	0	0	1,167	
11	15" SIP	0	0	1,120	
Ttl Gals:		26074			

4/5/02 F. 2 BLW (wtr & gas), FCP 150 psig, 3/8" ck, 1 hr. Blew well dwn. TIH w/NC, chk, 10 jts 2-3/8" tbg as cavity, pmp style bailer & 2-3/8" tbg. Tgd fill at 2,905' (255' fill). DK perfs fr/2,814'-96'. CO frac sd to 2,910'. Sd sloughing in fr/perfs. TOH & emptied cavity. TIH w/same BHA. Tgd fill @ 2,910'. CO out to 2,990'. TOH & emptied cavity. Bailer stuck op. LD bailer. SWI. SDFN. 219 BLWTR.

4/6/02 F. 0, -1, 143 MCF, FTP 226 psig, SICP 261 psig, LP 50 psig, SP 0 psig, DP 0 psig, 14 hrs. SICP 50 psig. TIH w/NC, chk vlv, 12 jts tbg as cavity, bailer & 2-3/8" tbg. Tgd fill @ 2,952' (108' fill). CO to 3,060'(CIBP). DK perfs fr/2,814'-96'. TOH. LD BHA. TIH w/NC, SN & 88 jts 2-3/8" tbg. ND BOP. NU WH. EOT @ 2,863.60'. SN @ 2,861.9'. RIH w/tbg broach to SN. Op well on 3/8" ck. F. 2 BLW, FTP 170 psig, SICP 250 psig, 3/8" ck, 5 hrs. SWI. SDFN.

Tubing		Location:	Lower				
ZONE 1	Desc:	Dakota		Top Perf:	2,814	Btm Perf:	2,896
Object 1	Desc:	SN		Id:	SN	Depth:	2,862
Object 2	Desc:	EOT		Id:		Depth:	2,864
Object 3	Desc:			Id:		Depth:	0
						Top	Btm
Qty	Type	Description		Cond		Depth	Depth
88	Tubing	2-3/8", 4.7#, J-55, EUE, 8rd tbg		Same		12	2,862
1	Other	2-3/8" API SN		Same		2,862	2,863
1	Other	2-3/8" NC		Same		2,863	2,864
Total							2,851.60'
Landed @							2,851.60'

Flow		Zone:	Dakota				
Event Desc:		Flow Test		Top Interval:	2,814	Bottom Interval:	2,896
		Avg	Choke	BBLs			
	Time	Press	Size	Rec	Comments		
	12:00:00 PM	170	3/8	2	SICP 260. Rec wtr & gas.		
	1:00:00 PM	180	3/8	0	SICP 265 psig.		
	2:00:00 PM	178	3/8	0	SICP 262 psig.		
	3:00:00 PM	174	3/8	0	SICP 258 psig.		
	4:00:00 PM	175	3/8	0	SICP 255 psig.		
	5:00:00 PM	170	3/8	0	SICP 250 psig.		
Ttl Bbls:				2			

4/7/02 SDF Saturday. Incr flow rate to 350 MCFPD using manual ck. SITP 318 psig, SICP 318 psig. OWU & del DK first gas sales to EPFS @ 9:45 a.m., 4/6/02. 217 BLWTR.