

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date:

Application Type:

- P&A
 Drilling/Casing Change
 Recomplete/DHC
 Location Change
 Other: OAP

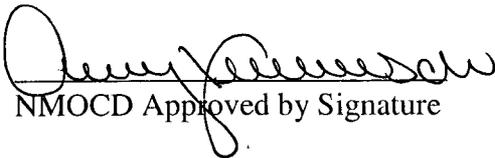
Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-045-34328-00-00	UTE INDIANS A	061	XTO ENERGY, INC	G	A	San Juan	U	J	25	32	N	14	W	1640	S	2400	E

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

If new perfs are above or below existing perfs file New C104 and completion report before returning to production.


 NMOCD Approved by Signature

4-1-14
 Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

XTO Energy Inc.

3a. Address

382 CR 3100 Aztec, NM 87410

3b. Phone No. (include area code)

505-333-3100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1640' FSL & 2400' FEL NWSE Sec.25 (I) -T32N-R14W N.M.P.M.

5. Lease Serial No.

142060462

6. If Indian, Allottee or Tribe Name

UTE MOUNTAIN UTE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

UTE INDIANS A #61

9. API Well No.

30-045-34328

10. Field and Pool, or Exploratory Area

UTE DOME PARADOX

11. County or Parish, State

SAN JUAN NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

Other **OAP**

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. intends to open additional perfs in the Ute Dome Paradox formation per the attached procedure. XTO Energy Inc. also requests variance to not run pressure/temperature gauges after each interval as data will be acquired by spinner survey at the end of completion.

RCVD MAR 19 '14

OIL CONS. DIV.

DIST. 3

RECEIVED

MAR 06 2014

Bureau of Land Management
Durango, Colorado

**SEE ATTACHED
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHERRY J. MORROW

Title

REGULATORY ANALYST

Signature

Sherry J. Morrow

Date

3/5/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

MSC

Date

3/14/2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

TRES RIOS FIELD OFFICE

UTE INDIANS A #61
Section 36, T 32 N, R 14 W / API 30-045-34328
San Juan County, New Mexico

February 14, 2014

PARADOX COMPLETION PROCEDURE

AFE #: 1401628
Surf csg: 9-5/8", 36.0#, J-55 @ 886'.
Prod csg: 5-1/2", 17.0#, L-80 @ 9,101'.
PBTD: 9,200'
Perfs: 9,101' -9,200' (Alkali Open Hole)

WARNING: The Paradox formation produces H₂S and CO₂. Ensure that all necessary monitoring equipment and personnel are on location for all operations. All personnel on location must have H₂S safety training, must be clean shaven, and must be capable of using an SCBA. All flow equipment must be rated for sour gas.

NOTES: Add Gas-Perm or M-844 (2 gal/Mgal) to all 2% KCl water.
Re-fill tanks as needed during job.
Set tubing plugs in tubing as needed to TOH and TIH.

1. Set 1 – 400 bbl flowback tank.
2. Set 4 – 400 bbl frac tanks filled with 2% KCl water.
3. MI +/- 9,200' 2-7/8", 6.5#, L-80 work-string.
4. MIRU PU.
5. ND WH. NU 5K, H₂S-trimmed BOP and H₂S-trimmed kill spool.

STAGE 1: Alkali Gulch(Open-Hole)

6. Load casing with 2% KCl wtr and pressure test casing to 1,500 psig for 30 minutes with chart. Increase pressure to 4,500 psig for 5".
7. MIRU WL. Run GR/CCL log from 9,042' to surface. RD WL.
8. TIH 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set **packer at 9,075'**. Install 2.9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
9. MIRU acid equipment. BD and EIR into Alkali Gulch from 9,174' – 9,200' down 2-7/8" work-string with 2% KCl water at 5 – 15 BPM. Switch to 15% HCl. Pump 800 gal 15% HCl. Flush with 2,300 gal 2% KCl water. SD 15 minutes. Acidize Alkali Gulch from 9,174' – 9,200' with **7,000 gal 20% SWIC II acid**. Flush acid with 2,300 gal 2% KCl water at 5 – 15 BPM (as high of rate as possible). SD. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

PUMP SCHEDULE			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	15% HCl acid	800	5 - 15
Flush	2% KCl water	2,300	5 - 15
Acid	20% SWIC II acid	7,000	5 - 15
Flush	2% KCl water	3,350	5 - 15
		<i>15,950</i>	

10. ND frac valve assembly. Release packer and TOH with work-string and packer.

STAGE 2: Barker Creek

11. MIRU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at **9,070'**.
12. Load casing with water and pressure test CBP to 4,000 psig. Bleed press to 2,000 psig.
13. Perforate Barker Creek with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 68 holes). POH. RD WL.

PERFORATIONS				
Top	Bottom	Feet	SPF	Holes
8,868	8,872	4	2	8
8,902	8,904	2	2	4
8,954	8,957	3	2	6
8,965	8,971	6	2	12
8,992	8,995	3	2	6
8,997	9,000	3	2	6
9,008	9,013	5	2	10
9,018	9,026	8	2	16
<i>TOTALS</i>		<i>34</i>		<i>68</i>

14. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set **packer at 8,770'**. Install 2.9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
15. RU acid equipment. BD and EIR into lower Barker Creek perms from 8,868' – 9,026' down 2-7/8" work-string with 2% KCl water at 5 – 15 BPM. Switch to 15% HCl. Pump 1,000 gal 15% HCl. Flush with 2,330 gal 2% KCl water (top perf). SD 15 minutes. Acidize Barker Creek perms from 8,868' – 9,026' with **9,000 gal 20% SWIC II acid**. After pumping 1,800 gal acid, beginning dropping 82 – 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perms and flush acid with 2,230 gal 2% KCl water (top perf) at 5 – 15 BPM (as high of rate as possible). SD. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

<i>PUMP SCHEDULE</i>			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	15% HCl acid	1,000	5 - 15
Flush	2% KCl water	2,230	5 - 15
Acid	20% SWIC II acid	9,000	5 - 15
Flush	2% KCl water	3,275	5 - 15
		<i>18,005</i>	

16. ND frac valve assy. Release packer. TOH with 2-7/8" work-string and packer.
17. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at **8,845'**.

STAGE 3: Akah

18. Load casing with 2% KCl water and pressure test CBP to 4,000 psig. Bleed press to 2,000 psig.
19. Perforate Akah with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 16 holes). POH. RD WL.

<i>PERFORATIONS</i>				
Top	Bottom	Feet	SPF	Holes
8,766	8,772	6	2	12
8,796	8,798	2	2	4
8,805	8,812	7	2	14
<i>TOTALS</i>		<i>8</i>		<i>16</i>

20. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set **packer at 8,670'**. Install 2.9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
21. RU acid equipment. BD and EIR into Akah perms from 8,766' – 8,812' down 2-7/8" work-string with 2% KCl water. Switch to 15% HCl. Pump 450 gal 15% HCl. Flush with 2,200 gal 2% KCl water (top perf). SD 15 minutes. Acidize Akah perms from 8,766' – 8,812' with **5,000 gal 20% SWIC II acid**. After pumping 1,000 gal acid, beginning dropping 36 – 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perms and flush acid with 2,200 gal 2% KCl water (top perf) at 5 – 15 BPM (as high of rate as possible). SD. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

<i>PUMP SCHEDULE</i>			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	15% HCl acid	450	5 - 15
Flush	2% KCl water	2,200	5 - 15
Acid	20% SWIC II acid	5,000	5 - 15
Flush	2% KCl water	3,250	5 - 15
		<i>13,400</i>	

22. ND frac vlv assy. Release packer. TOH with 2-7/8" work-string and packer.
23. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at **8,700'**.

STAGE 4: Desert Creek

- 24. Load casing with 2% KCl water and pressure test CBP to 4,000 psig. Bleed press to 2,000 psig.
- 25. Perforate Desert Creek with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 64 holes). POH. RD WL.

<i>PERFORATIONS</i>				
Top	Bottom	Feet	SPF	Holes
8,532	8,537	5	2	10
8,556	8,561	5	2	10
8,571	8,576	5	2	10
8,586	8,591	5	2	10
8,601	8,606	5	2	10
8,612	8,616	4	2	8
8,624	8,627	3	2	6
<i>TOTALS</i>		<i>32</i>		<i>64</i>

- 26. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at **8,430'**. Install 2.9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
- 27. RU acid equipment. BD and EIR into Desert Creek perms from 8,532' – 8,627' down 2-7/8" work-string with 2% KCl water. Switch to 15% HCl. Pump 950 gal 15% HCl. Flush with 2,150 gal 2% KCl water (top perf). SD 15 minutes. Acidize Desert Creek perms from 8,532' – 8,627' with **8,500 gal 20% SWIC II acid**. After pumping 1,700 gal acid, beginning dropping 77 – 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perms and flush acid with 2,150 gal 2% KCl water (top perf) at 5 – 15 BPM (as high of rate as possible). SD. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

<i>PUMP SCHEDULE</i>			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	15% HCl acid	950	5 - 15
Flush	2% KCl water	2,150	5 - 15
Acid	20% SWIC II acid	8,500	5 - 15
Flush	2% KCl water	3,200	5 - 15
		<i>17,300</i>	

- 28. ND frac valve assembly. TOH with 2-7/8" work-string and packer.
- 29. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at 8,500'.

STAGE 5: Ismay/Honaker Trail

- 30. Load casing with 2% KCl water and pressure test CBP to 4,000 psig. Bleed press to 2,000 psig.
- 31. Perforate Ismay/Honaker Trail with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 88 holes). POH. RD WL.

<i>PERFORATIONS</i>				
Top	Bottom	Feet	SPF	Holes
8,222	8,228	6	2	12
8,279	8,288	9	2	18
8,355	8,363	8	2	16
8,372	8,376	4	2	8
8,380	8,383	3	2	6
8,397	8,407	10	2	20
8,435	8,439	4	2	8
<i>TOTALS</i>		<i>44</i>		<i>88</i>

32. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at **8,120'**. Install 2.9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
33. RU acid equipment. BD and EIR into Ismay/Honaker Trail perms from 8,222' – 8,439' down 2-7/8" work-string with 2% KCl water. Switch to 15% HCl. Pump 1,300 gal 15% HCl. Flush with 2,075 gal 2% KCl water (top perf). SD 15 minutes. Acidize Ismay/Honaker Trail perms from 8,222' – 8,439' with **11,500 gal 20% SWIC II acid**. After pumping 2,300 gal acid, beginning dropping 106 – 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perms and flush acid with 2,075 gal 2% KCl water (top perf) at 5 – 15 BPM (as high of rate as possible). SD. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

<i>PUMP SCHEDULE</i>			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	15% HCl acid	1,300	5 - 15
Flush	2% KCl water	2,075	5 - 15
Acid	20% SWIC II acid	11,500	5 - 15
Flush	2% KCl water	3,125	5 - 15
		<i>20,500</i>	

34. ND frac valve assembly. Release packer. TOH with 2-7/8" work-string and packer.
35. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at **8,150'**.

STAGE 6: Paradox

36. Load casing with 2% KCl water and pressure test CBP to 4,000 psig. Bleed press to 2,000 psig.
37. Perforate Honaker Trail with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 34 holes). POH. RD WL.

<i>PERFORATIONS</i>				
Top	Bottom	Feet	SPF	Holes
8,010	8,017	7	2	14
8,026	8,030	4	2	8
8,082	8,086	4	2	8
8,102	8,104	2	3	6
<i>TOTALS</i>		<i>17</i>		<i>34</i>

38. TIH 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at 7,910'. Install 2.9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
39. RU acid equipment. BD and EIR into Paradox perms from 8,010' – 8,104' down 2-7/8" work-string with 2% KCl water. Switch to 15% HCl. Pump 500 gal 15% HCl. Flush with 2,025 gal 2% KCl water (top perf). SD 15 minutes. Acidize Paradox perms from 8,010' – 8,104' with **5,000 gal 20% SWIC II acid**. After pumping 1,000 gal acid, beginning dropping 41 – 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perms and flush acid with 2,025 gal 2% KCl water (top perf) at 5 – 15 BPM (as high of rate as possible). SD. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD.. RDMO acid equipment.

<i>PUMP SCHEDULE</i>			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	15% HCl acid	500	5 - 15
Flush	2% KCl water	2,025	5 - 15
Acid	20% SWIC II acid	5,000	5 - 15
Flush	2% KCl water	3,075	5 - 15
		<i>13,100</i>	

40. ND frac valve assembly. Release packer. TOH with work-string & packer.
41. TIH with 4-3/4" mill-tooth bit, bit sub, XO, and 2-7/8" work-string. DO CBP at 8,150, 8,500, 8,700, 8,845 & 9,070.
42. TOH and LD 2-7/8" work string, XO, bit sub and 4-3/4" mill-tooth bit.
43. TIH with NC, SN with pump out plug, and 2-3/8", 4.7#, J-55, EUE, 8rd tubing. Land EOT at +/- 8,300'. Pump out the plug with 2% KCl water.
44. ND BOP and kill spool. NU WH.
45. Swab well as needed to kick off. Collect a gas sample for analysis. SWI.
46. MIRU WL. Run production log (spinner survey) from 9,200' – 8,010'.
47. RDMO WL.
48. NU BOP. TIH with 2-3/8", 4.7#, J-55, EUE, 8rd tubing. Land EOT at +/- 9,000'.
49. Conduct 3 hour IP test on a fixed choke. Note volumes, pressures, and choke size. SWI.
50. Build battery. Consult with Loron Ashcroft to schedule and perform first delivery.

Regulatory:

1. Subsequent report detailing completion operations
2. C-104 prior to first delivering

Equipment:

1. 4 – 400 bbl frac tanks
2. 1 – 400 bbl flowback tank
3. +/- 9,200' – 2-7/8", 6.5#, L-80 work-string
4. +/- 9,000' – 2-3/8", 4.7#, J-55 tubing w/SN & NC
5. 4-3/4" mill tooth bit
6. 5 - 5-1/2" CBP
7. 5-1/2" 10K treating packer

Services:

1. Pulling unit
2. Halliburton acid equipment
3. Wireline for perforating and production log

XTO Energy

3160

Tribal Lease: 14-20-604-62

Well: Ute Indians A #61

Surface Location: 1640' FSL & 2400' FEL

Sec. 25, T. 32 N., R. 14 W.

San Juan County, New Mexico

Conditions of Approval: Sundry Notice to Workover:

1. No activities may take place outside of the originally disturbed surface area.
2. Within 30 days of the recompletion, submit to this office a Sundry Notice, Subsequent Report of all activities that took place. Daily drillers or activities reports should be provided. Please enclose a revised wellbore diagram with formation tops. Provide flowrates and pressures of the new production.
3. Submit a copy of all logs run during the workover of this well.