

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

RECEIVED

MAR 26 2010

Bureau of Land Management
Farmington Field Office

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)

1600' FSL & 900' FWL NWSW Sec. 24 (L) -T27N-R11W N.M.P.M.

5. Lease Serial No.

NMSF-078089

6. If Indian, Allottee or Tribe Name

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

NNM-73840

8. Well Name and No.

SCOTT E FEDERAL 13

9. API Well No.

30-045-06354

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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

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 recompleate 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 recompleation 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. proposes to recompleate to the Basin Mancos formation and fix hole in the casing of this well per the attached procedure. Please also see the attached MC C102 plat.

RCUD MAR 31 '10

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DOLENA JOHNSON

Title REGULATORY COMPLIANCE TECHNICIAN

Signature

Dolena Johnson

Date 03/24/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason

Title

Date

MAR 29 2010

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

NMOCID 4-7-10

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Scott E Federal #13
Sec 24, T 27 N, R 11 W
San Juan County, New Mexico

Open the Mancos/Fix HIC

AFE/ACCT: 1000710/97081

SURF CSG: 8-5/8", 24#, J-55, CSG @ 255'. CIRC CMT TO SURF.

PROD CSG: 4-1/2", 11.6#, J-55, ST&C CSG @ 6,651'. PBTD @ 6,588'. DV TOOL @ 2,174'.
FIRST STAGE W/ 300 SX, TOC 5,600'. SECOND STAGE W/ 150 SX, TOC
UNKNOWN.

CAPACITY = 0.0155 BBLS/FT (0.0872 CUFT/FT).

BURST = 5,350 PSI (TREATING @ 80% = 4,280 PSI)

PERFS: DAKOTA: (Currently there is a CIBP @ 6,450')
FR/6,522'-6,545'

Casing leaks: 4,038'-3,724' & 3,385'-3,242'

Workover Procedure

- 1) Install and test rig anchors. Comply with all New Mexico OCD, BLM and XTO safety rules and regulations. Conduct safety meeting for all personnel on location. MIRU daylight pulling unit.
- 2) MI 3 - 400 bbl frac tanks and 1 flow back tank. Fill the frac tanks with 2% KCL water. Note: Have frac company run preliminary fluid quality tests and add biocide.
- 3) ND WH. NU BOP and test the BOP.
- 4) TIH w/tbg and establish injection rate into casing holes.
- 5) Squeeze procedure will be determined based on injection rate results. MIRU cement company and squeeze.
- 6) PT each squeeze to 550 psi on a chart for 30".
- 7) Repeat squeeze process until casing is repaired.
- 8) MIRU WL and perf Mancos with 3-1/8" csg gun (Titan EXP-3323-361T, 22.7 gm, 0.36" dia., 35.63" pene, 15 holes) or equivalent performance charges. POH with csg gun.

Mancos Perfs			
2 JSPF	1 JSPF	1 JSPF	1 JSPF
5,868'	5,799'	5,781'	5,769'
5,866'	5,790'	5,775'	5,760'
5,862'	5,788'	5,773'	5,697'

- 9) TIH with a retrievable tension packer (4 1/2" Baker Arrow-set Fullbore with SN and SV) on 2-3/8" J-55 work string and set at 5,650'. Load back side with 2% KCl water.

- 2-3/8" J-55 workstring: Capacity-0.00387 bbls/ft Burst-6,160 psi (80% yield)

- 10) NU frac valve.

- 11) MIRU frac equipment. BD perfs with 2% KCl water and EIR. Acidize Mancos perfs with 750 gals of 15% NEFE HCl acid (FE control, surf & CL additives) and 23 - 1.1 SG RCN BS @ 5 BPM down casing. Flush with 1,080 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", and 10" SIPs. Release packer and TIH past perfs. PUH and set packer at 5,650'.

- 12) Frac Mancos perfs fr/5,868'-5,697' down 2-3/8" tbg at 15 BPM. Pump Delta-140 Frac (9 cp) w/36,000# 20/40 BASF proppant followed by 4,000# 20/40 BASF proppant coated with Expedite Lite. Flush with 840 gals (2 bbls short of top perf). Est. TP 4,200 psig. Pump frac @ 15 BPM. Max TP @ 5,000 psig. Frac schedule:

Mancos Frac Schedule						
Stage	BPM	Fluid	Clean Vol.	Foam Vol. (gal)	Prop	Cum. Prop
Water	5	2% KCl Water	-	500	-	-
Acid	5	15% HCL Acid	-	750	-	-
Flush	5	2% KCl Water	-	1,080	-	-
Pad	15	Delta-140 Frac (9cp)	3,000	1,200	-	-
0.5 ppg	15	Delta-140 Frac (9cp)	12,000	4,800	6,000# 20/40	6,000# 20/40
1 ppg	15	Delta-140 Frac (9cp)	12,000	4,800	12,000# 20/40	18,000# 20/40
2 ppg	15	Delta-140 Frac (9cp)	6,000	2,400	12,000# 20/40	30,000# 20/40
3 ppg	15	Delta-140 Frac (9cp)	2,000	800	6,000# 20/40	36,000# 20/40
3 ppg	15	Delta-140 Frac (9cp)	1,300	520	4,000# 20/40 w/ Expedite Lite	40,000# 20/40
Flush	12	2% KCl Water	-	840	-	-
Total		36,300 - 2% KCl		17,690		40,000# 20/40

Record ISIP & 5" SIP.

- 13) RDMO frac equipment.

- 14) Install flowback manifold. Flowback well thru a choke manifold to flowback tank. Start with an 8/64" choke. Increase choke size as appropriate. Record the final shut in pressure to be used for the C-104.

- 15) ND frac valve.

- 16) Release packer and TOH.

- 17) MIRU AFU. TIH w/3-7/8" bit, bit sub, and 2-3/8" tubing. CO to CIBP (6,450). DO CIBP @ 6,450'. CO to 6,588' (PBTD). DO shoe joint to 6,640' (New PBTD). Circulate wellbore clean. TOH w/tbg & bit.
- 18) TIH with tubing and BHA as follows:
- 1- 20'- 2-3/8" jt w/ 1/2" vent hole located 1' from top (open ended)
 - 2- 2-3/8" (1.78" ID) API SN
 - 4- jts 2-3/8" tbg
 - 1- 4-1/2" TECH TAC
 - ±202 jts - 2-3/8" tubing to surface, EOT @ 6,600', SN @ 6,580'. TAC @ 6,450'
- 19) ND BOP. NU WH.
- 20) TIH with rod assembly as follows:
- 2" X 1-1/4" X 14' RHAC pump w/1" x 1' strn nip
 - 1 - 1-1/4" API K sinker bar with stabilizer rod
 - 3/4" - 21K shear tool
 - 5 - 1-1/4" API K sinker bars with stabilizer rods
 - 26 - 3/4" API D Molded Guide Rods w/ T-couplings
 - 231 - 3/4" API D Rods w/ T-couplings
 - 1-1/4" X 22' Polished Rod w/ 10' liner
- 21) Space out pump with spacer subs. Load tubing and long stroke with rig to ensure pump action. HWO.
- 22) RDMO PU.
- 23) Set a used Lufkin 160-200-74, engine & cement base.
- 24) Set unit in crank hole & sheave meter so it will pump @ 3.5 x 74" spm.
- 25) Set 4-3CRO counter weights 8.2" from the end.
- 26) Gauge tanks. Shoot FL and run dynamometer during pumping unit startup. Start well pumping at 3.5 SPM and 74" SL for 24 hours. Check fluid level and tank gauges.
- 27) Report pre and post start up data to Derick Lucas

Regulatory:

1. Acquire approval to recompleat to the Gallup
2. DHCM Dakota & Mancos
3. Acquire approval of C-144

Equipment:

- 3-7/8" bit & bit sub
- 4-1/2" Baker Arrow-set Fullbore with SN and SV (on 2-3/8" work-string)
- 2-3/8" J-55 work-string (5,650')
- 5K frac valve

Rods:

- 2" X 1-1/4" X 14' RHAC pump w/1" x 1' stnr nip
- 1 - 1-1/4" API K sinker bar with stabilizer rod
- 3/4" - 21K shear tool
- 5 - 1-1/4" API K sinker bars with stabilizer rods
- 26 - 3/4" API D Molded Guide Rods w/ T-couplings
- 231 - 3/4" API D Rods w/ T-couplings
- 1-1/4" X 22' Polished Rod w/ 10' liner

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
Fee Lease - 3 Copies
State Lease - 4 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-06354	² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 032605	⁵ Property Name SCOTT E FEDERAL	⁶ Well Number 13
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 6290'

¹⁰ Surface Location

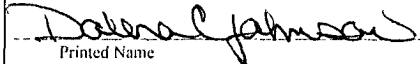
UL or lot no. L	Section 24	Township 27-N	Range 11-W	Lot Idn	Feet from the 1600'	North/South line SOUTH	Feet from the 900'	East/West line WEST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. SAME	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres MC 320 acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true & complete to the best of my knowledge & belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i>
				Signature  Printed Name DOLENA JOHNSON
				Title REGULATORY COMP TECH
				Date 03/24/2010
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true & correct to the best of my belief.</i>
				6/23/1984 Date of Survey
				Original Survey Signed By: John A. Vukonich
				14831 Certificate Number

