

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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 reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF-077952
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name
3a. Address 2700 Farmington Ave., Bldg. K, Ste 1 Farmington,	3b. Phone No. (include area code) 505-324-1090	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2,395' FNL & 995' FWL SEC. 23, T27N, R10W		8. Well Name and No. JC GORDON "D" #3F
		9. API Well No. 30-045-32584
		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

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 **MORRISON**

TEST

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 recompleat 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 recompleat 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 test the Morrison interval to determine if productive. If deemed that the Morrison is productive, XTO will apply for a non-standard location. If deemed the Morrison is non-productive, XTO will plug back the Morrison interval and complete in the Dakota as per the attached procedure.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

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

Name (Printed/Typed)

HOLLY C. PERKINS

Title

REGULATORY COMPLIANCE TECH

Date

5/18/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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Office

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.

NMUCD

JC Gordon D #3F
2395' FNL & 995' FWL, Sec 23, T-27-N, R-10-W
San Juan County, New Mexico

Morrison and Lower Dakota Test

Formation: Morrison

Prod Csg: 5-1/2", 15.5#, J-55, LT&C csg @ 7,016'. FC @ 6,973'. Marker jt from 6,470' – 84'. DV tool @ 4,408'. Cmt'd 1st stage w/ 375 sx Premium Lite HS (mixed @ 12.5 ppg & 2.01 cuft/sx) followed by 150 sx Class H cmt (mixed @ 14.2 ppg & 1.54 cuft/sx). Circ traces cmt off DV tool. Cmt'd 2nd stage w/ 700 sx Type III w/8% gel (mixed @ 11.4 ppg & 3.03 cuft/sx) followed by 100 sx Type III Neat cmt (mixed @ 14.5 ppg & 1.41 cuft/sx). Circ 188 bbls cmt to surf.

Cur. Status: Wait on completion

Completion Procedure

1. MI & set 2 – 400 bbl clean frac tanks. Fill tanks w/ produced water from the Kutz J Federal #2E well. Treat water with bactericide. Set 1 flowback tank. Weld on 5,000# WP tbg hanger. MI ±221 jts (6,980') 2-3/8", 4.7#, J-55, EUE, 8rd tbg & 4 - 3-1/2" drill collars.
2. MIRU PU. NU BOP. TIH with 4-3/4" bit, 4 3-1/2" drill collars and 2-3/8", 4.7#, J-55, EUE, 8RD tubing. Drill out DV tool at 4,408'. Clean out casing to PBTD (float collar at 6,973'). Drill out float collar and casing shoe track to 7,000'. Circulate casing clean w/ produced water containing bactericide and POOH standing back tubing. LD BHA.
3. MIRU WL. Run GA/GR/CCL from 7,000' up to 5,500'. POOH w/ GA/GR/CCL. Set CIBP at 6,995'. RD MOL WL.
4. Load and pressure test csg to 2,000 psig for 30". Increase to 3,850 psig for 5". Record data on chart per NMOCD orders. Release press.
5. TIH w/Baker Model "X" SN (ID 1.875"), 1 jt tbg, Baker A-3 Lock-set packer w/ FL-22 on-off tool & +/- 214 jts tbg. Set packer at +/- 6,860' and EOT at +/-6,890'. Land tubing hanger w/ 10K overpull on packer. Test TCA to 1,000 psi.
6. RU swabbing equipment and swab tubing down to 3,000' to establish +/-1,500 psi underbalance (assumes 8.9 ppg pore pressure).

7. MIRU WL trk. Perf lower Morrison interval w/ 1-11/16" Shogun strip gun from 6,986' – 89' w/2 JSPF (Owen STP-1687-401 NT, 9grm, 0.24" dia., 16.64" pene., 6 holes). POH w/ guns.

Lower Morrison Perfs

Perforation Interval	CCL
6,986' – 6,989'	

8. Flow test the lower Morrison interval. Report rates and pressures to Chris Clark. Based upon flow test results perforate the upper Morrison, stimulate the well w/ acid, or plugback as directed.
9. After flow test, kill well as necessary w/ produced water. POOH standing back 2-3/8" tubing and packer.
10. MIRU WL. Make GA run to 6,980'. GIH w/ CIBP (if permanent PB) or CBP (if temporary PB) and set at +/- 6,975'.
11. TIH w/Baker Model "X" SN (ID 1.875"), 1 jt tbg, Baker A-3 Lock-set packer w/ FL-22 on-off tool & +/- 214 jts tbg. Set packer at +/- 6,860' and EOT at +/-6,890'. Land tubing hanger w/ 10K overpull on packer. Test TCA to 1,000 psi.
12. RU swabbing equipment and swab tubing down to 3,000' to establish +/-1,500 psi underbalance (assumes 8.9 ppg pore pressure).
13. Perf upper Morrison interval w/ 1-11/16" Shogun strip gun from 6,948' – 51' w/2 JSPF (Owen STP-1687-401 NT, 9grm, 0.24" dia., 16.64" pene., 6 holes). POH w/ guns.

Upper Morrison Perfs

Perforation Interval	CCL
6,948' – 6,951'	

14. Flow test the upper Morrison interval. Report rates and pressures to Chris Clark. Based upon flow test results stimulate the well w/ acid, or plugback as directed.
15. If Morrison is a productive zone perform the following: Set a blanking plug in the on-off tool seating nipple profile, release from the on-off tool and circulate the well with 126 BBLs of produced water containing 1% by volume (53 gallons) of H&M C-1000 corrosion inhibitor/oxygen scavenger. Displace the packer fluid w/ one tubing volume of produced water. Engage the on-off tool and land tubing in the tubing head. ND BOP and NU tree. RU sandline and retrieve the blanking plug from the well. Swab well in and flow back load water. RD and MOL w/ PU. The well will be shut in until a NSL is approved in the Morrison and delivered after battery hookup and NSL approval are complete.

16. If Morrison is not commercial plug back the well as follows: Kill well as necessary w/ produced water and POOH standing back 2-3/8" tubing and packer.
17. MIRU WL. Make GA run to 6,945'. GIH w/ CIBP and set at +/- 6,945'. Dump bail 10' of cmt on top of CIBP to temporarily plug back the Morrison interval. Note: PBTD @ +/- 6,935' w/ 68' of rat-hole for Lower Dakota.
18. TIH w/Baker Model "X" SN (ID 1.875"), 1 jt tbg, Baker A-3 Lock-set packer w/ FL-22 on-off tool & +/-212 jts tbg. Set packer at +/- 6,800' and EOT at +/-6,830'. Land tubing hanger w/ 10K overpull on packer. Test TCA to 1,000 psi.
19. RU swabbing equipment and swab tubing down to 3,000' to establish +/-1,500 psi underbalance (assumes 8.9 ppg pore pressure).
20. Perf Lower Dakota interval w/ 1-11/16" Shogun strip gun from 6,864' – 67' w/2 JSPF (Owen STP-1687-401 NT, 9grm, 0.24" dia., 16.64" pene., 6 holes). POH w/ guns.

Lower Dakota Perfs

Perforation Interval	CCL
6,864' – 6,867'	

21. Flow test the Lower Dakota interval. Report rates and pressures to Chris Clark. Based upon flow test results stimulate the well w/ acid and/or hydraulic fracturing or plugback as directed.
22. If elect to acidize the well: MIRU single pump truck, acid bulk truck with 500 gallons 15% NEFE HCL. Test lines at 6,150# prior to pumping. Establish injection into perforations with produced water. After injection is established, bullhead 500 gallons of 15% NEFE HCL and over displace by 5 bbls. Record acid job on chart and record ISIP, 5", 10" & 15" SIP's. RDMO acid equipment.
23. Swab in well as necessary and flow test Lower Dakota. Catch produced water samples (if present) after load water is recovered. Report rates and pressures to Chris Clark. Based upon flow test results, plugback or frac as directed.

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SEC. 23, T27N, R10W

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