Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 15 2009
Bureau of Land Management
Farmington Field Office

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

5. Lease Serial No
NMSF-081061

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM-73762

1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8 Well Name and No
HARE GAS COM C #1

2 Name of Operator
XTO ENERGY INC.

9 API Well No
30-045-07771

3a Address
382 CR 3100 AZTEC, NM 87410

3b. Phone No *(include area code)*
505-333-3100

10. Field and Pool, or Exploratory Area
BASIN DAKOTA

4 Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
800 FSL & 990' FWL SWSW SEC. 25 (M) -T29N-R10W N.M.P.M.

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	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☒ Other MESAVERDE
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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 recomplete 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 recompletion 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., plans to recomplete the Mesaverde formation of this well per the attached procedure.

RCVD SEP 17 '09
OIL CONS. DIV.
DIST. 3

14 I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* BARBARA J CONDER Title REGULATORY CLERK

Signature Barbara J Conder Date 09/11/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason** Title Date SEP 15 2009

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

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

NMOCD

HOLD C104 FOR MVC-102 form

Approved _____

HARE GAS COM C #1
SEC 25, T 29 N, R 10 W
SAN JUAN, NEW MEXICO

MESAVERDE

AFE/Well #: 904776 / 97011

SURF CSG: 8-5/8", 22.7#, ARMCO CSG @ 530'. CMT'D W/370 SX. 10 SX CMT TO SURF.

PROD CSG: 4-1/2", 10.5#, J-55, LT&C CSG @ 6,488'. PBTD @ 6,451'. CMT'D W/650 SX. DID NOT CIRC CMT TO SURFACE.
CAPACITY = 0.0159 BPF OR 0.6699 GPF
BURST = 4,790 PSI
WELLHEAD RATING 3,000 PSI.

PERFS: **DK:** 6,352'-6,362' & 6,406'-6,416'

FORMATIONS: BLANCO MESAVERDE (WELL # 97011, AFE # 904776)

1. MI 3- 400 bbl frac tanks, 1 flow back tank. Fill the frac tanks with 2% KCl water. NOTE: Have frac co test wtr for compatibility prior to frac & add biocide. Heat wtr in the frac tanks so that wtr temperature @ frac time is +/- 80deg F. Hot oil trk must be clean to avoid contaminating the frac fld.
2. MIRU PU. ND WH. NU BOP.
3. TOH w/tbg. ND BOP. NU frac vlv. RDMO PU
4. MIRU wireline services. RU full lubricator. RIH and set a 4-1/2" CBP at 5,000' (make sure plug is not set in csg collar).
5. Load hole w/2% KCl wtr & PT CBP & csg to 3,000 psig for 5". Rls press. Skip to step 8 if it holds pressure.
6. If pressure does not hold. PU & TIH w/pkr & RBP. Isolate casing leak.
7. Repair casing leak as necessary.
8. Run GR/CBL/CCL/RST cased hole log fr/5,000' – 1,000'. Check that there is decent cement isolating proposed MV perfs. Report Results to Geoffrey Steiner. Correlate RST log with offset wells. **Check Perfs with Engineer before perforating.**
9. Perf Point Lookout with 3-1/8" select fire csg gun with 1 JSPF (Owen HSC-3125-302 or similar, 10 gm charges, 0.34" dia., 21.42" penetration, 19 holes). POH with csg gun. RD WL truck.

Point Lookout Perfs

PERF	CCL	PERF	CCL	PERF	CCL	PERF	CCL	PERF	CCL
4,356'		4,290'		4,232'		4,197'		4,161'	
4,345'		4,282'		4,221'		4,193'		4,130'	
4,326'		4,263'		4,204'		4,190'		4,124'	
4,302'		4,246'		4,200'		4,172'			

10. MIRU acid & frac equip. BD Point Lookout perfs from 4,124'-4,356' and EIR with 2% KCl water. Acidize with 1,500 gals of 15% NEFE HCl and 38 green Bioballs at +/- 12 BPM down 4-1/2" csg. Max TP 3,000 psig. Flush with 3,045 gals 2% KCl water (3 bbls over flush) or until ball off. Surge off balls.

11. Frac Point Lookout perfs from 4,124'-4,356' down 4-1/2" csg at 30 BPM with 51,000 gals 70Q, N2 foamed, 12# XL gelled (Delta 140), 2% KCl water carrying 67,000# 20/40 BASF sand and 18,000# 20/40 RC sand. Do not exceed 3,000 psig. Est TP 2,200 psig. Flush with 2,720 gals linear gel (1 bbl under flush). Record ISIP, 5", 10" and 15" SIP's.

POINT LOOKOUT SCHEDULE

Stage	BPM	Fluid	Vol Gals	Prop Conc	Prop
Pad	30	70Q XL foam	9,000		
2	30	70Q XL foam	14,000	1	14,000# 20/40 BASF
3	30	70Q XL foam	13,000	2	26,000# 20/40 BASF
4	30	70Q XL foam	9,000	3	27,000# 20/40 BASF
6	30	70Q XL foam	6,000	3	18,000# 20/40 RC BASF
Flush	25	Linear gel	2,720		
Total	**67,000# 20/40 BASF**		**18,000# 20/40 SLC**		

12. RU lubricator.

13. RIH and set a 4-1/2" CBP at 4,070' (Check that plug is not set in csg collar). Load hole w/2% KCl wtr & PT CBP to 2,000 psig for 5". Rls press.

14. Perf Menefee with 3-1/8" select fire csg gun with 1 JSPF (Owen HSC-3125-302 or similar, 10 gm charges, 0.34" dia., 21.42" penetration, 25 holes). POH with csg gun. RD WL truck.

Menefee Perfs

PERF	CCL	PERF	CCL	PERF	CCL	PERF	CCL	PERF	CCL
4,023'		3,962'		3,895'		3,840'		3,768'	
4,020'		3,959'		3,882'		3,835'		3,748'	
3,990'		3,947'		3,879'		3,827'		3,741'	
3,987'		3,934'		3,853'		3,802'		3,678	
3,973'		3,920'		3,847'		3,774'		3,668'	

15. MIRU acid & frac equip. Acidize MN perfs fr/3,668'-4,023' with 1,500 gals of 15% NEFE HCl and 40 green Bioballs at +/- 12 BPM down 4-1/2" csg. Max TP 3,000 psig. Flush with 2,820 gals 2% KCl water (3 bbls over flush). Ball off and shear frac plug pins. Surge off balls.

16. Frac Menefee perfs fr/3,668'-4,023' down 4-1/2" csg at 35 BPM with 58,000 gals 70Q, N2 foamed, 12# XL gelled (Delta 140), 2% KCl water carrying 76,000# 20/40 BASF and 21,000# 20/40 CRC sand. Do not exceed 3,000 psig. Est TP 2,700 psig. Flush with 2,415 gals 55Q, N2 foamed linear gel (1 bbls under flush). Record ISIP, 5", 10" and 15" SIP's.

MENEFEE SCHEDULE

Stage	BPM	Fluid	BH Slurry Vol	Prop Conc	Prop
Pad	35	12# 70Q foam	11,000		
2	35	12# 70Q foam	15,000	1	15,000# 20/40 BASF
3	35	12# 70Q foam	14,000	2	28,000# 20/40 BASF
4	35	12# 70Q foam	11,000	3	33,000# 20/40 BASF
5	35	12# 70Q foam	7,000	3	21,000# 20/40 CRC
Flush	35	55Q linear gel	2,415		
Total	**76,000# 20/40 BASF**		**21,000# 20/40 SLC**		

17. SWI 4 hrs. RDMO acid and N2 frac equip. Install flowback manifold. Flowback well thru a choke manifold to flowback tank. Start with 8/64" ck. Increase choke size as appropriate.

18. MIRU PU.

19. ND frac vlv & NU BOP. MIRU air/foam unit.

20. TIH with 3-7/8" bit, string mill, SN and 2-3/8" tubing. CO to 4,070' (CBP). DO CBP @ 4,070'.

21. CO to CBP @ 5,000'. DO NOT drill this plug out. Circulate wellbore clean. RDMO air/foam unit.

22. TOH w/bit & tbg.

23. TIH with tubing & land tubing at ± 4,251'. SN at ± 4,250'. ND BOP. NU WH. RDMO PU.

24. Schedule 1st delivery.

25. Report rates and pressures to Ryan Lavergne.

Produce Mesaverde long enough for DHC allocations. Wait for DHC approval before continuing.

26. MIRU PU. ND WH. NU BOP

27. TOH w/tbg.

28. TIH with 3-7/8" bit, string mill, SN and 2-3/8" tubing. CO to plug at 5,000'. DO plug @ 5,000'. CO to 6,451' (PBTD). Circulate wellbore clean. RDMO air/foam unit.

29. TOH with tubing and mill. Lay down mill. TIH with NC, SN, and 2-3/8" tubing to surface. Land tubing at ±6,381'. SN at ±6,380. ND BOP. NU WH.

30. RU swab. Swab well until clean fluid is obtained and well kicks off.

31. RDMO PU.

32. RWTP.

33. Report rates and pressures to Ryan Lavergne.

Regulatory:

1. Recompletion
    a. NOI
    b. C-144
    c. Completion report
    d. C-104
2. DHC application
3. Cmt remediation NOI – **If needed**

Equipment:

1. TBG: 202 jts 2-3/8" tubing, SN, and NC.
2. 3-7/8" bit
3. 3-7/8" string mill
4. 2 – 4-1/2" CBP's