

Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr, Hobbs, NM 87240
District II
1301 W Grand Ave, 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 and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Amended

Form C-103
June 19, 2008

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-045-23855
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator XTO Energy Inc.		6. State Oil & Gas Lease No NNM73875
3. Address of Operator 382 CR 3100 AZTEC, NM 87410		7. Lease Name or Unit Agreement Name: MC DANIEL GAS COM B
4. Well Location Unit Letter F : 1520 feet from the NORTH line and 1850 feet from the WEST line Section 26 Township 29N Range 10W NMPM NNM County SAN JUAN		8. Well Number 1E
11. Elevation (Show whether DR, RKB, RT, GR, etc) 5508' GR		9 OGRID Number 5380
		10. Pool name or Wildcat BASIN DAKOTA

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER RECOMPLETE BASIN MANCOS & FWOP ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐ RCVD OCT 15 '12
OIL CONS. DIV.
DIST. 3

OTHER ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion

XTO Energy Inc. proposes to recomplete the Basin Mancos formation and test the Mancos for DHC allocations per the attached procedure. Please see also the attached WB Diagram, formation tops & Basin Mancos C102 plat.

An application to DHC will be submitted separately. XTO Energy Inc. will obtain the DHC order before commingling.

Run CAB And submit to AGENCY prior to part per procedure

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Sherry J. Morrow TITLE REGULATORY ANALYST DATE 10/11/2012
sherry_morrow@xtoenergy.com
Type or print name SHERRY J. MORROW E-mail address: sherry_morrow@xtoenergy.com PHONE 505-333-3630

For State Use Only

APPROVED BY Wm F. Lopez TITLE Deputy Oil & Gas Inspector, District #3 DATE OCT 23 2012
Conditions of Approval (if any): AV

**McDANIEL GAS COM B #1E
RC BASIN MANCOS & PWOP
SEC 26, T29N, R10W
SAN JUAN CO., NM**

SURF CSG: 9-5/8", 32.3#, K-55 CSG @ 320'. CMT'D W/350 SX CMT.
CIRC 30 SX CMT TO SURF.

INT CSG: 7", 20#, K-55 CSG @ 2,215'. CMT'D W/475 SX CMT. CIRC CMT TO SURF.

PROD CSG: 4-1/2", 11.6#, K-55 CSG @ 6,500'. CMT'D W/515 SX CMT. DID NOT CIRC CMT TO SURF. PBTD @ 6,451'. TOC @ 3846' BY TEMP SURVEY.

TUBING: MULE SHOE, 1 JT 2-3/8" TBG, SN, & 208 JTS 2-3/8", 4.7#, J-55, EUE 8RD TBG. SN @ 6,308'. EOT @ 6,339'.

EXISTING PERFS: DK: 6,310'- 6,404' (84 HOLES)

Procedure

1. MIRU PU. Recover plunger from tubing. ND WH. NU BOP.
2. TOH & LD tubing. ND BOP. NU frac valve.
3. MIRU WLU and mast truck. Run gauge ring to 5,780'. Set CBP at $\pm 5,770'$. PT csg & plug to 3,850 psig.
4. Run GR/CBL/CCL from $\pm 5,770'$ to surface. Correlate depths to Schlumberger Induction Spherically Focused Log dated 12/29/1979. RDMO PU. Review CBL results with engineer and NMOCD prior to perforating.
5. Perf Mancos 1 spf, ttl 26 holes:

Mancos Perforations

PERF	PERF	PERF	PERF
5,669'	5,630'	5,542'	5,410'
5,665'	5,621'	5,518'	5,360'
5,662'	5,613'	5,516'	5,350'
5,645'	5,591'	5,484'	5,344'
5,641'	5,586'	5,482'	5,342'
5,639'	5,581'	5,449'	
5,633'	5,575'	5,442'	

6. MIRU N₂ frac and acid equipment. BD perfs. Acidize Mancos perfs fr/5,342' – 5,669' w/1,250 gals 15% NEFE HCl acid + 39 - 7/8" 1.1 SG Green Bio balls. Flush acid 3 bbls past btm perf 2% KCl wtr or until ball off. Pump flush @ ± 12 BPM. Surge off balls.

7. Frac Mancos perfs fr/5,342' – 5,669' down 4-1/2" csg with 70,000 gals 70Q, N2 foamed, 20# XL gelled frac fluid carrying 120,000# sand (96,000# 20/40 BASF sand and 24,000# 20/40 Super LC resin coated sand). Pmp frac @ 40 BPM. Flush w/55Q linear gel. Frac schedule:

Mancos Schedule			
Stage	Fluid	Stage Proppant	Cum Proppant
Pad	20# 70Q XL N ₂	-	-
1 ppg	20# 70Q XL N ₂	18,000# 20/40 BASF	18,000#
2 ppg	20# 70Q XL N ₂	36,000# 20/40 BASF	54,000#
3 ppg	20# 70Q XL N ₂	42,000# 20/40 BASF	96,000#
3 ppg	20# 70Q XL N ₂	24,000# 20/40 Super LC	120,000#
Flush	55Q Linear Gel	-	120,000#
Total	96,000# 20/40 BASF	24,000# 20/40 Super LC	

8. SWI for 4 hours. RDMO N₂ frac and acid equipment. Flow back well through a choke manifold to flowback tank.
9. Flow test min 3 hours on fixed choke for IP test. Record liquid volumes, FCP, & choke size. SWI. Report rates and pressures. RD flowback manifold.
10. MIRU PU & AFU.
11. ND frac valve. NU BOP.
12. TIH w/NC, SN, & 2-3/8" tubing.
13. CO frac sand fill to CBP @ ±5,770'.
14. TOH & LD excess tbg. Land EOT @ 5,620'.
15. ND BOP. NU WH.
16. RU to flow test tank.
17. Swab well until well kicks off.
18. RDMO PU & AFU.
19. Schedule 1st delivery.

Test Mancos for DHC allocations. After test period

submit DHC allocations. Wait for approval before continuing.

20. MIRU PU & AFU.
21. Set a Lufkin Conventional 160-200-74 PU w/an Arrow C-96 gas engine.
22. ND WH. NU BOP.
23. TOH w/tbg. PU 3-7/8" bit.
24. TIH w/3-7/8" bit, SN & tbg. DO CBP @ $\pm 5,770'$. CO to PBTD @ 6,451'.
25. Drill out float collar. Drill out 24' of shoe joint. New PBTD @ 6,475'.
26. TOH w/tbg & bit.
27. TIH with 2-3/8" tubing and land as follows:
TAC @ $\pm 6,436'$. SN @ $\pm 6,420'$. EOT @ $\pm 6,436'$.
28. ND BOP. NU WH.
29. TIH with rods & pump.
30. Space out pump. HWO.
31. RDMO PU & AFU.
32. Start well pumping with Mancos & Dakota DHC.

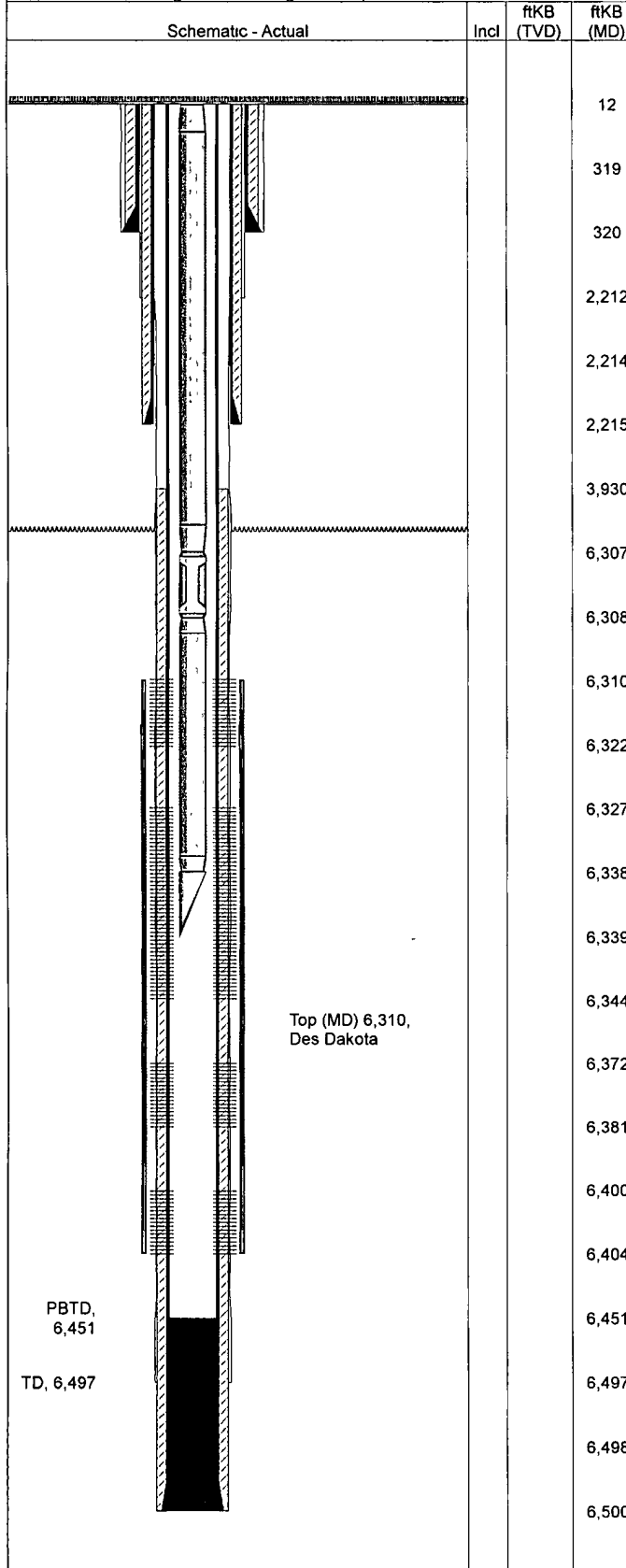


XTO - Wellbore Diagram

Well Name: **McDaniel Gas Com B 01E**

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045238550000	1,850 0	FWL	1,520 0	FNL	T29N-R10W-S26	Basin Dakota	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	70723	5,520 00	5,508 00	12 00	12/6/1979	Original Hole - 6451 0	6,497 0	Plunger Lift

Well Config Vertical - Original Hole, 10/11/2012 11 09 38 AM



Zones									
Zone		Top (ftKB)		Btm (ftKB)					
Dakota		6,310 0		6,404 0					
Casing Strings									
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK				
Surface	9 5/8	32 30	K-55		320 0				
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK				
Intermediate	7	20 00	K-55		2,215 0				
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK				
Production	4 1/2	11 60	K-55		6,500 0				
Cement									
Description		Type	String						
Surface Casing Cement		casing	Surface, 320 0ftKB						
Comment									
Cmt'd w/350 sx Class B cmt w/2% CaCl2 Circ 30 sx cmt to surf									
Description		Type	String						
Intermediate Casing Cement		casing	Intermediate, 2,215 0ftKB						
Comment									
Cmt'd w/375 sx 50/50 Class B cmt/Poz mix w/6% gel, 2 pps med tuf plug & 0 8% FLA lead slurry followed by 100 sx Class B Neat cmt Circ cmt to surf									
Description		Type	String						
Production Casing Cement		casing	Production, 6,500 0ftKB						
Comment									
Cmt'd w/415 sx 50/50 Class B cmt/Poz mix w/6% gel, 6 25 pps gilsonite & 0 8% FLA lead slurry followed by 100 sx Class B Neat cmt tail slurry Did not circ cmt to surf TOC @ 3,846' by Temp Survey									
Perforations									
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr Status	Zone		
1/18/1980	6,310 0	6,322 0	2 0	0 400		Ac	Dakota		
1/18/1980	6,327 0	6,344 0	2 0	0 400		Ac	Dakota		
1/18/1980	6,372 0	6,381 0	2 0	0 400		Ac	Dakota		
1/18/1980	6,400 0	6,404 0	2 0	0 400		Ac	Dakota		
Tubing Strings									
Tubing Description			Run Date		Set Depth (ftKB)				
Tubing - Production					6,339 0				
Tubing Components									
Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gr	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	208	T&C Non-	2 3/8	4 60	J-55		6,295 00	12 0	6,307 0
Seat Nipple	1		2 3/8		J-55		1 10	6,307 0	6,308 1
Tubing	1	T&C Non-	2 3/8	4 60	J-55		30 00	6,308 1	6,338 1
Mule Shoe	1		2 3/8				0 90	6,338 1	6,339 0
Rods									
Rod Description		Run Date		String Length (ft)			Set Depth (ftKB)		
Rod Components									
Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
Stimulations & Treatments									
Frac Start Date	Top Perf (ft	Bottom Pe	V (slurry) (	Total Prop	AIR (b	ATP (psi)	MTP (psi)	ISIP (psi)	
1/18/1980	6310	6404		262,50	25	2,200 0		1,700 0	
Comment									
Frac'd w/105,000 gals 40# XL gelled 2% KCl wtr + additives carrying 262,500# 20/40 sd Sd conc 1 ppg to 5 ppg									

• • • • •

Southeastern New Mexico	Northwestern New Mexico
--------------------------------	--------------------------------

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	Not logged	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	Not logged	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	Not logged	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	3500	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	3540	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	4150	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	4260	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	5340	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	6195	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	6250	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____		T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____		T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____		T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____		T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____		T. _____
T. Penn _____	T. _____	T. Permian _____		T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____		T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

No. 5, from.....to.....

No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from.....to.....feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
3500	4260	760	Mesaverde				
5340	5675	335	Gallup				
6250	-----		Dakota				

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 19, 2009
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-23855	² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 22782	⁵ Property Name MCDANIEL GAS COM B	
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc	⁶ Well Number #1E
		⁹ Elevation 5508'

¹⁰ Surface Location

UL or lot no. F	Section 26	Township 29N	Range 10W	Lot Idn	Feet from the 1520'	North/South line NORTH	Feet from the 1850'	East/West line WEST	County SAN JUAN
--------------------	---------------	-----------------	--------------	---------	------------------------	---------------------------	------------------------	------------------------	--------------------

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 RCVD OC	County 17 '12
¹² Dedicated Acres MC 320 acres	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.		OIL CONS. DIV. DIST. 3			

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 <i>Sherry J. Morrow</i>
					Printed Name SHERRY J. MORROW
					Title REGULATORY ANALYST
					Date 10/17/2012
					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>
					Date of Survey 6/23/1984
					Original Survey Signed By <i>John A. Vukovich</i>
					Certificate Number 14831