

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1600 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD State of New Mexico
Energy, Minerals & Natural Resources

OCT 11 2011

RECEIVED

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address XTO Energy, Inc. 200 N. Loraine, Ste. 800 Midland, TX 79701		² OGRID Number 005380
		³ API Number 30- 025-25256
⁴ Property Code 306446	⁵ Property Name Pennzoil Merit State	⁶ Well No 1
⁹ Proposed Pool 1 Vacuum Abo North		¹⁰ Proposed Pool 2 Vacuum Cisco

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	18	17S	34E		198	North	660	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County

Additional Well Location

¹¹ Work Type Code	¹² Well Type Code	¹³ Cable/Rotary	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date
Depth to ground water		Distance from nearest fresh water well		Distance from nearest surface water
Pit Liner Synthetic ☐ mils thick Clay ☐ Pit Volume _____ bbls Drilling Method				
Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

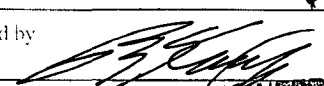
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48#	350	425	Surface
11	8 5/8	32# & 24#	4735	1400	Surface
7 7/8	5 1/2	17#	13,545	1450	9000'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well is currently shut-in
Production zone currently is Vacuum Abo
Proposed Zone: Cisco, Abo Drill out CIBP & Cmt. @ 9115' & CIBP @ 11,045' PBTD @ 13,060'
Formation @ TD is Cisco
Downhole commingle Abo & Cisco zones.

Permit Expires 2 Years From Approval

Date Unless Drilling Underway
OIL CONSERVATION DIVISION
Plugback

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☒ , or an (attached) alternative OCD-approved plan ☐ .		Approved by 	
Signature: <i>Sharon Hindman</i>		Title: PETROLEUM ENGINEER	
Printed name: Sharon Hindman		Approval Date: MAY 17 2012	
Title: Regulatory Analyst		Expiration Date:	
E-mail Address: sharon-hindman@xtoenergy.com		Conditions of Approval	
Date: 10/19/2011	Phone: 432-620-6741	Attached ☐	

MAY 17 2012

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State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25256	² Pool Code 61760	³ Pool Name Vacuum ABO North
⁴ Property Code 306446	⁵ Property Name Pennzoil Merit State	⁶ Well Number 1
⁷ OGRID No 005380	⁸ Operator Name XTO Energy Inc.	⁹ Elevation 4108' GL

¹⁰ Surface Location

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¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No

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

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and 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. <u>Sharon Hindman</u> 10/19/2011 Signature Date Sharon Hindman Printed Name Sharon Hindman Regulatory Analyst
					18 SURVEYOR CERTIFICATION 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 and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor Certificate Number

HOBBS**NOV 08**State of New Mexico
Energy, Minerals & Natural Resources

Form C-102

Revised October 12, 2005

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1220 South St. Francis Dr.
Santa Fe, NM 87505Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25256	² Pool Code 61950	³ Pool Name Vacuum CISCO
⁴ Property Code 306446	⁵ Property Name Pennzoil Merit State	
⁷ GRID No 005380	⁸ Operator Name XTO Energy Inc.	⁶ Well Number 1 ⁹ Elevation 4108' GL

¹⁰ Surface Location

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¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and 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>Sharon Hindman</i> 11/02/2011 Signature Date Printed Name Sharon Hindman Regulatory Analyst	
	¹⁸ SURVEYOR CERTIFICATION 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 and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor	
	Certificate Number	

Pennzoil Merit State 1

AMERICAN 640 PPG UNIT
6 SPM, 103" SL, W/1 25" PMP

ELEV: GL 4108
KB 4128'

CSG LEAK FR/3230'-3261'
CMT'D W/394SX HALCEM

5-1/2" CSG @ 4770' SHOT/4
HOLES (6/15/11)
Squeezed cement thru holes to
repair csg leak

TOC @ 9,000'

CIBP @ 9115' W/2SX
CMT ON TOP.

CIBP @ 11,045'

CMT RET @ 13,060'

PBTD 9,100'
TD: 13,545'

13-3/8" 48# H-40 ST&C CSG SET @
350' CMT W/425 SX

8-5/8" 32# K-55 & 1410 7' 8-5/8" 24# K-55 CSG ON
TOP SET @ 4735' CMT W/1200 SX LITE CMT & 200
SX "C". NOT CIRC

06/30/11: 276 JTS 2-7/8" J-55 TBG, 5-1/2" TAC, 9 JTS 2-7/8"
8", J-55 TBG, 2-7/8" TK-99 IPC TBG, 2-7/8" SN, 2-7/8"
SLOTTED MA. TAC @ 8749' SN @ 9067' EOT @ 9084'.

07/01/11: 1-1/2" X 26' NEW SMPR, 1" X 8', 6', 4' D-78 NEW
ROD SUBS, 100 - 1" D-78 NEW RODS (11), 248 - 7/8" D-
78 NEW RODS (11), 12 - 1-1/2" NEW K BARS, 7/8" X 4'
STBLZ SUB W/3/4" PINS, RHBO
2.5" X 1.25" RHBC-24'-5 WILSON EXCH PMP (SN OEP-
157) W/1-1/4" X 6' GA

ABO PERFS FR/8844'-47' (6), 8884'-92' (16), 8920'-23'
(6), 8947'-48' (2) & 8970'-76' (12) TTL 42 HOLES

CISCO PERFS: 11,095'-11,104', 11,111'-11,114',
11,122'-11,125', 11,134'-11,148' 11,154'-11,163'.

MORROW PERFS:
13,198'-13,305' SQZ'D W/ 150 SX

5-1/2" 17# S-95, 17# N-80 LT&C & 17# N-80 BUTTRESS
CSG SET @ 13,545' CMT'D W/ 1050 SX LITE CMT & 400
SX "H" CMT CALC TOC @ 9000'

