

API No. <u>42-419-31721</u> Drilling Permit # <u>746003</u> SWR Exception Case/Docket No. _____		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <small>This facsimile W-1 was generated electronically from data submitted to the RRC.          A certification of the automated data is available in the RRC's Austin office.</small>				<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
1. RRC Operator No. <b>945936</b>		2. Operator's Name (as shown on form P-5, Organization Report) <b>XTO ENERGY INC.</b>			3. Operator Address (include street, city, state, zip): <b>6141 PALUXY DR</b> <b>TYLER, TX 75703-0000</b>		
4. Lease Name <b>MINUTEMEN DU</b>			5. Well No. <b>H 1</b>				
<b>GENERAL INFORMATION</b>							
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input checked="" type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)							
7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack							
8. Total Depth <b>19800</b>		9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <b>06</b>		12. County <b>SHELBY</b>		13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore			
14. This well is to be located <u>4.3</u> miles in a <u>S</u> direction from <u>Shelbyville</u> which is the nearest town in the county of the well site.							
15. Section <b>124</b>		16. Block <b>124</b>		17. Survey <b>BOUNDS, T W</b>		18. Abstract No. <b>A-1186</b>	
				19. Distance to nearest lease line: <b>268</b> ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>697.07</b>	
21. Lease Perpendiculars: <u>276</u> ft from the <u>N</u> line and <u>1475</u> ft from the <u>W</u> line. 22. Survey Perpendiculars: <u>82</u> ft from the <u>SW</u> line and <u>674</u> ft from the <u>NW</u> line.							
23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			24. Unitization Docket No: _____				
25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes    (attach Form W-1A) <input checked="" type="checkbox"/> No							
<b>FIELD INFORMATION</b> List all fields of anticipated completion including Wildcat.    List one zone per line.							
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)			29. Well Type	30. Completion Depth	
06	16032300	CARTHAGE (HAYNESVILLE SHALE)			Gas Well	10500	
<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS    (see W-1H attachment)							
<u>Remarks</u> [FILER Sep 2, 2014 8:29 AM]: Filing for well number change, acreage change, and amended as drilled location resulting in an Adm R37 to an off-lease penetration point. As operator of the off-lease penetration point tract, we waive objection to the off-lease penetration point.; [RRC STAFF Sep 19, 2014 1:37 PM]: Changed distance to nearest lease line to match plat.; [RRC STAFF Sep 19, 2014 1:45 PM]: Removed lease line exception. Field rules call for 330/200 such that take points are 200 from lease line and perpendicular distance are 330. Nearest lease line is 268' and perpendiculars are well over 330'. XTO is own offset for off-lease penetration point.					<u>Certificate:</u> I certify that information stated in this application is true and complete, to the best of my knowledge.  <u>Cynthia Rainwater, Regulatory Analyst</u> <u>Sep 02, 2014</u> Name of filer    Date submitted <u>(903)5793091</u> <u>Cynthia_Rainwater@xtoenergy.com</u> Phone    E-mail Address (OPTIONAL)		
RRC Use Only    Data Validation Time Stamp:    Sep 19, 2014 1:50 PM( 'As Approved' Version )							

Permit Status:	Approved
The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.	

**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION**

Form W-1H  
Supplemental Horizontal Well Information

07/2004

**APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER**

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A certification of the automated data is available in the RRC's Austin office.

Permit #	746003
Approved Date:	Sep 19, 2014

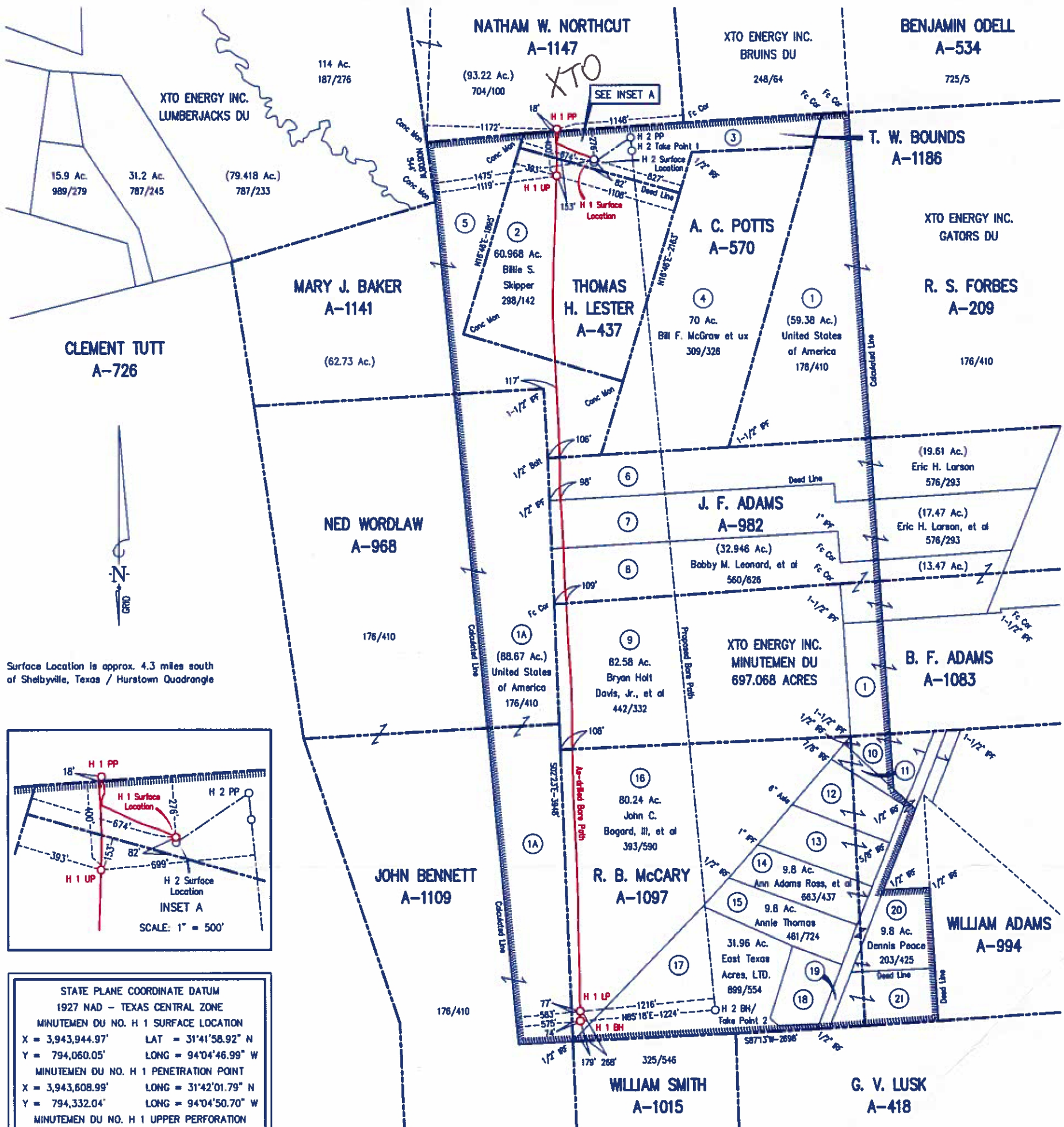
1. RRC Operator No. 945936	2. Operator's Name (exactly as shown on form P-5, Organization Report) XTO ENERGY INC.	3. Lease Name MINUTEMEN DU	4. Well No. H 1
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**Lateral Drainhole Location Information**

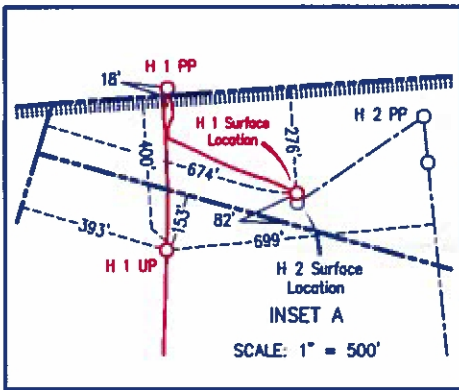
5. Field as shown on Form W-1	CARTHAGE (HAYNESVILLE SHALE) (Field # 16032300, RRC District 06)
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6. Section	7. Block	8. Survey MC CARY, R B	9. Abstract 1097	10. County of BHL SHELBY
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	11. Terminus Lease Line Perpendiculars 179 ft. from the S line. and 575 ft. from the W line			
	12. Terminus Survey Line Perpendiculars 74 ft. from the W line. and 179 ft. from the S line			
	13. Penetration Point Lease Line Perpendiculars 18 ft. from the S (OFF LEASE) line. and 1172 ft. from the W (OFF LEASE) line			



Surface Location is approx. 4.3 miles south of Shelbyville, Texas / Hurstown Quadrangle



STATE PLANE COORDINATE DATUM	
1927 NAD - TEXAS CENTRAL ZONE	
MINUTEMEN DU NO. H 1 SURFACE LOCATION	
X = 3,943,944.97'	LAT = 31°41'58.92" N
Y = 794,060.05'	LONG = 94°04'46.99" W
MINUTEMEN DU NO. H 1 PENETRATION POINT	
X = 3,943,608.99'	LONG = 31°42'01.79" N
Y = 794,332.04'	LONG = 94°04'50.70" W
MINUTEMEN DU NO. H 1 UPPER PERFORATION	
X = 3,943,606.36'	LAT = 31°41'57.64" N
Y = 793,912.29'	LONG = 94°04'51.00" W
MINUTEMEN DU NO. H 1 LOWER PERFORATION	
X = 3,943,810.15'	LAT = 31°40'43.03" N
Y = 786,372.39'	LONG = 94°04'53.55" W
MINUTEMEN DU NO. H 1 BOTTOM HOLE	
X = 3,943,810.99'	LAT = 31°40'42.15" N
Y = 786,283.40'	LONG = 94°04'53.60" W



FOR THE EXCLUSIVE USE OF  
XTO ENERGY INC.

I, E. L. Sartain, Registered Professional Land Surveyor, do hereby certify the above plat to be true and correct to best of my knowledge.  
Date: August 22, 2014 Tyler, Texas  
E.L.S. Surveying & Mapping, Inc.  
Harry L. Johnson & Associates

Registered Professional Land Surveyor No. 1978

The location shown hereon was staked from tract lines as evidenced by occupation. Distances shown are not intended to be definitive in establishing title boundaries. The acreages shown hereon were provided by others.

ADDITIONAL WELL TIE DATA	
Minutemen No. H 1 Surface Location to No. H 1 PP	= N51°01'W-432'
Minutemen No. H 1 Surface Location to No. H 1 UP	= S66°25'W-389'
Minutemen No. H 1 Surface Location to No. H 1 LP	= S01°00'W-7689'
Minutemen No. H 1 Surface Location to No. H 1 BH	= S00°59'W-7779'
Minutemen No. H 1 Surface Location to No. H 2 Surface Location	= S03°49'E-25'
Minutemen No. H 1 PP to No. H 1 UP	= S00°22'W-420'
Minutemen No. H 1 PP to No. H 2 PP	= S83°46'E-670'
Minutemen No. H 1 UP to No. H 1 LP	= S01°33'E-7543'
Minutemen No. H 1 UP to No. H 2 Take Point 1	= N71°30'E-717'
Minutemen No. H 1 LP to No. H 1 BH	= S00°33'E-89'
Minutemen No. H 1 LP to No. H 2 BH / Take Point 2	= N89°29'E-1220'

ADDITIONAL UNIT TRACT INFORMATION			
Tract	Acreage	Ownership	Vol./Pg.
3	20.952 Ac.	Charles G. Cooper, et al	292/29
5	(39.27 Ac.)	Mary Margaret Bentsen, et al	414/28
6	(26.806 Ac.)	Eric H. Larson	576/293
7	(28.946 Ac.)	Eric H. Larson, et al	576/293
10	(2.15 Ac.)	Southwood Timberlands Corporation	967/913
11	1.75 Ac.	Martha M. Creech, et al	697/752
12	8.6 Ac.	Martha M. Creech, Ind. & Devisee	2008000250
13	10.5 Ac.	Ann Adams Ross, et al	652/887
18	7 Ac.	Ray C. Jacobs, Jr. et ux	857/205
19	(4.95 Ac.)	The State of Texas, et al	163/255
21	10 Ac.	Keith U. Adams, et al	387/1

AS-DRIILLED PLAT  
XTO ENERGY INC.  
MINUTEMEN DU NO. H 1  
T. W. BOUNDS SURVEY, A-1186  
NATHAM W. NORTHCUT SURVEY, A-1147  
THOMAS H. LESTER SURVEY, A-437  
MARY J. BAKER SURVEY, A-1141  
J. F. ADAMS SURVEY, A-982  
B. F. ADAMS SURVEY, A-1083  
R. B. MCCARY SURVEY, A-1097  
SHELBY COUNTY, TEXAS



E.L.S. Surveying & Mapping, Inc. /  
Harry L. Johnson & Associates - Tyler, Texas  
2004 W. Grande Blvd. / 903-581-7759  
Firm No. 100327-00