

API No. <u>42-405-30559</u> Drilling Permit # <u>807800</u> SWR Exception Case/Docket No. <u>0297449</u> (R37)		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. <u>945936</u>		2. Operator's Name (as shown on form P-5, Organization Report) XTO ENERGY INC.		3. Operator Address (include street, city, state, zip): 6141 PALUXY DR TYLER, TX 75703-0000			
4. Lease Name BSI KEYDETS DU		5. Well No. H 1					
GENERAL INFORMATION							
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 21000		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			
SURFACE LOCATION AND ACREAGE INFORMATION							
11. RRC District No. 06		12. County SAN AUGUSTINE		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>12</u> miles in a <u>SW</u> direction from <u>San Augustine</u> which is the nearest town in the county of the well site.							
15. Section	16. Block	17. Survey SPEAR, A		18. Abstract No. A-43	19. Distance to nearest lease line: 123 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 782.24	
21. Lease Perpendiculars: <u>674</u> ft from the <u>SOUTH</u> line and <u>60</u> ft from the <u>WEST</u> line. 22. Survey Perpendiculars: <u>3129</u> ft from the <u>SOUTHEAST</u> line and <u>7456</u> ft from the <u>NORTHEAST</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			
FIELD INFORMATION 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	31. Distance to Nearest Well in this Reservoir	
06	16032300	CARTHAGE (HAYNESVILLE SHALE)		Gas Well	10500	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [FILER Oct 12, 2016 9:45 AM]: APPLICANT FILED A RECOMPLETION PERMIT UNDER STATUS 818883 IN ORDER TO ADDRESS A SWR 37 ISSUE. IT SHOULD HAVE BEEN SET UP AS AN AMENDMENT TO 807800. FEES FILED UNDER 818883 WILL BE APPLIED TO THIS APPLICATION.; [RRC STAFF Oct 26, 2016 8:07 AM]: Tracts 3 4 13 26 & 35 have unleased undivided interests.; [RRC STAFF Oct 26, 2016 8:11 AM]: Changed distance to nearest lease line to match plat.; [RRC STAFF Dec 5, 2016 5:49 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Dec 5, 2016 5:56 PM]: Problems identified with this permit are resolved.				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="display: flex; justify-content: space-between;"> <div> <u>< Mail in Application ></u> Name of filer </div> <div> <u>Oct 12, 2016</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> Phone _____ </div> <div> E-mail Address (OPTIONAL) _____ </div> </div>			
RRC Use Only							
Data Validation Time Stamp: Jan 13, 2017 12:35 PM('As Approved' Version)							

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

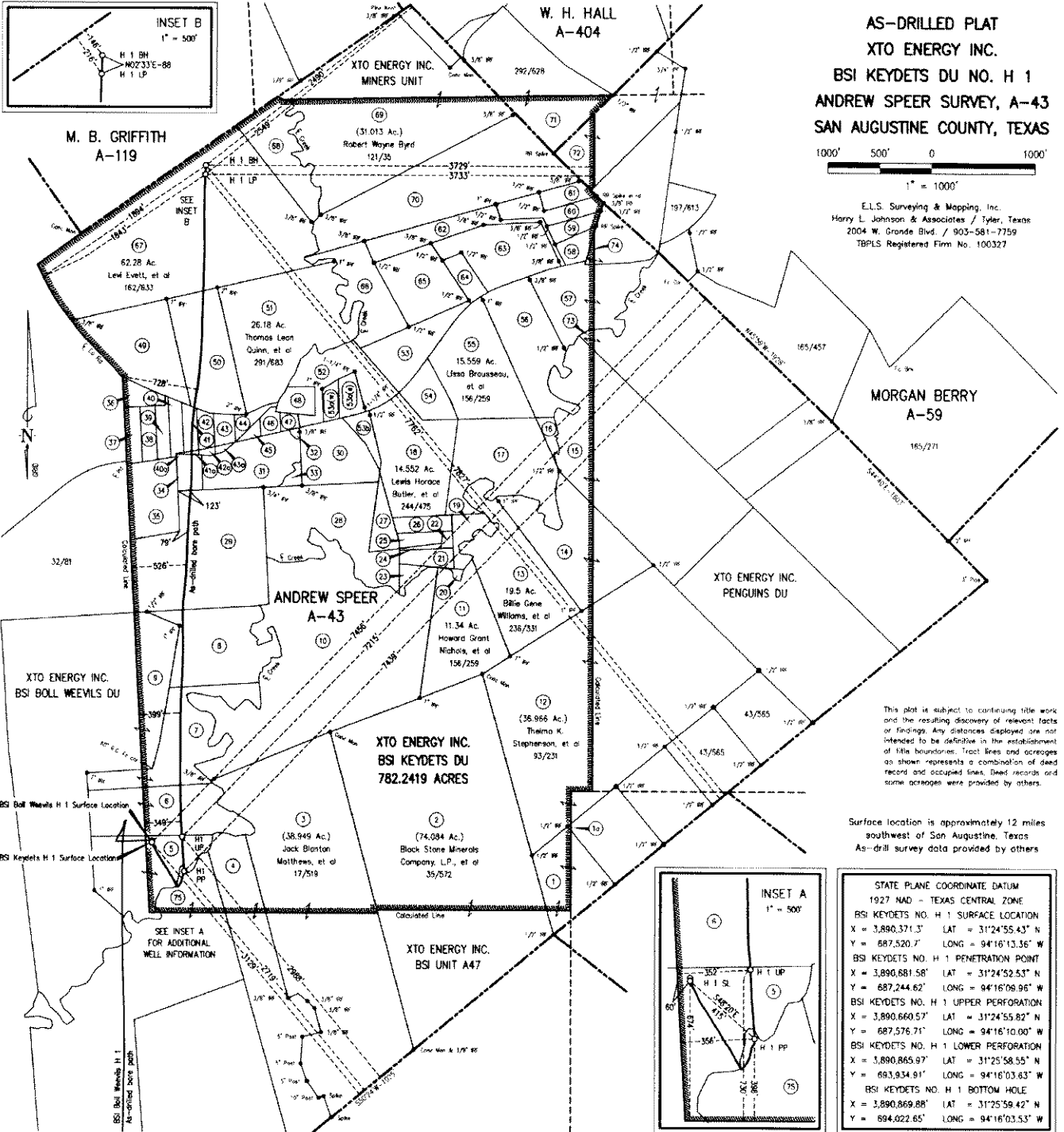
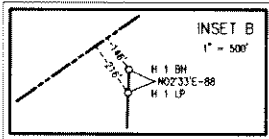
**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION**

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

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Permit #	807800
Approved Date: Jan 13, 2017	

1. RRC Operator No. 945936	2. Operator's Name (exactly as shown on form P-5, Organization Report) XTO ENERGY INC.	3. Lease Name BSI KEYDETS DU	4. Well No. H 1
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 CARTHAGE (HAYNESVILLE SHALE) (Field # 16032300, RRC District 06)			
6. Section	7. Block	8. Survey SPEAR, A	9. Abstract 43
		10. County of BHL SAN AUGUSTINE	
11. Terminus Lease Line Perpendiculars 1894 ft. from the southwest line. and 146 ft. from the northwest line			
12. Terminus Survey Line Perpendiculars 2490 ft. from the northeast line. and 146 ft. from the northwest line			
13. Penetration Point Lease Line Perpendiculars 356 ft. from the west line. and 398 ft. from the south line			



AS-DRILLED PLAT
XTO ENERGY INC.

BSI KEYDETS DU NO. H 1
ANDREW SPEER SURVEY, A-43
SAN AUGUSTINE COUNTY, TEXAS

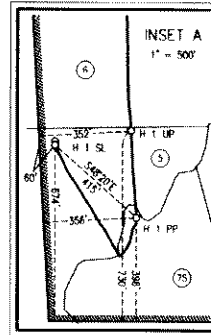
1000' 500' 0 1000'
1" = 1000'

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

MORGAN BERRY
A-59

This plat is subject to continuing title work and the resulting discovery of relevant facts or findings. Any distances displayed are not intended to be definitive in the establishment of the boundaries. Tract lines and acreages as shown represents a combination of deed record and occupied lines. Deed records and some acreages were provided by others.

Surface location is approximately 12 miles southwest of San Augustine, Texas
As-drill survey data provided by others



STATE PLANE COORDINATE DATUM
1927 NAD - TEXAS CENTRAL ZONE
BSI KEYDETS NO. H 1 SURFACE LOCATION
X = 3,890,371.3' LAT = 31°24'55.43" N
Y = 687,520.7' LONG = 94°16'13.36" W
BSI KEYDETS NO. H 1 PENETRATION POINT
X = 3,890,681.58' LAT = 31°24'52.53" N
Y = 687,244.62' LONG = 94°16'08.96" W
BSI KEYDETS NO. H 1 UPPER PERFORATION
X = 3,890,660.57' LAT = 31°24'55.82" N
Y = 687,576.71' LONG = 94°16'10.00" W
BSI KEYDETS NO. H 1 LOWER PERFORATION
X = 3,890,865.97' LAT = 31°25'58.55" N
Y = 683,934.91' LONG = 94°16'03.63" W
BSI KEYDETS NO. H 1 BOTTOM HOLE
X = 3,890,869.88' LAT = 31°25'58.42" N
Y = 694,022.65' LONG = 94°16'03.53" W

ADDITIONAL WELL TIE INFORMATION

BSI Keydets H 1 Surface Location to H 1 Upper Perforation = N79°02'E - 295'
BSI Keydets H 1 Surface Location to H 1 Bottom Hole = N04°23'E - 6521'
BSI Keydets H 1 Penetration Point to H 1 Upper Perforation = N03°37'W - 333'
BSI Keydets H 1 Penetration Point to H 1 Bottom Hole = N01°35'E - 6781'
BSI Keydets H 1 Upper Perforation to H 1 Lower Perforation = N01°51'E - 6362'
BSI Keydets H 1 Lower Perforation to H 1 Bottom Hole = N02°33'E - 88'

ADDITIONAL UNIT TRACT INFORMATION

Tract	Acreage	Ownership	Vol./Pg.
1	(4.963 Ac.)	Olaf Holloway	43/565
1A	(0.025 Ac.)	Glen Holloway	50/501
4	(6.635 Ac.)	Jack B. Matthews, et al	W/588
5	(5.846 Ac.)	Vernon Hensarling, et ux	98/29
6	(9.437 Ac.)	Genesee Hensarling	98/20
7	(12.592 Ac.)	Vernon Hensarling	98/24
8	(14.9357 Ac.)	Vernon Hensarling	98/24
9	(6.613 Ac.)	Thomas B. Gwinn	155/205
10	(53.66 Ac.)	Lewis H. Butler, Jr., et al	73/546
14	(12.761 Ac.)	Gail Houston, et al	61/272
15	(10.541 Ac.)	Howard Grant Nichols, Jr., et al	174/104
16	(0.888 Ac.)	Gail Houston, et al	142/341
17	(20.822 Ac.)	Lissa Brousseau, et al	125/501
18	(1.90 Ac.)	Lissa Brousseau, et al	90/574
20	(0.989 Ac.)	Lissa Brousseau, et al	95/388
21	(1.90 Ac.)	Karlene French Williams	R/425 DCM
22	(0.40 Ac.)	Carle Rene, et al	156/259
23	(0.94 Ac.)	Lewis H. Butler, Jr., et al	95/388
24	(0.917 Ac.)	Carl Johnson, Jr., et al	R/425 DCM
25	(0.681 Ac.)	Lewis H. Butler, Jr., et al	244/475
26	(1.90 Ac.)	Donnie Ray Parker	113/14
27	(1.94 Ac.)	Lewis H. Butler, et al	244/475
28	(24.70 Ac.)	Michael Butler, et al	124/248
29	(26.64 Ac.)	Judy A. Roddick, et al	122/388
30	(11.66 Ac.)	Thelma K. Stephenson, et al	R/425 DCM
31	(9.004 Ac.)	Genesee Hensarling	16/266
32	(0.167 Ac.)	Lewis H. Butler, et al	19/49
33	(0.664 Ac.)	Lewis H. Butler, et al	19/49
34	(1.905 Ac.)	Genesee Hensarling	128/636
35	(8 Ac.)	Ellen K. Rogers, et al	74/779
36	(1.75 Ac.)	Waymon D. Triana, et al	R/425 DCM
37	(1.709 Ac.)	Waymon D. Triana, et al	R/425 DCM
38	(1.624 Ac.)	Waymon D. Triana, et al	R/425 DCM
39	(1.553 Ac.)	Waymon D. Triana, et al	R/425 DCM
40	(1.522 Ac.)	Waymon D. Triana, et al	R/425 DCM
40A	(0.018 Ac.)	Genesee Hensarling, et al	R/425 DCM
41	(1.439 Ac.)	Waymon D. Triana, et al	R/425 DCM

ADDITIONAL UNIT TRACT INFORMATION

Tract	Acreage	Ownership	Vol./Pg.
41a	(0.106 Ac.)	Genesee Hensarling, et al	R/425 DCM
42a	(1.28 Ac.)	Waymon D. Triana, et al	R/425 DCM
42b	(0.739 Ac.)	Genesee Hensarling, et al	R/425 DCM
43	(1.257 Ac.)	Waymon D. Triana, et al	R/425 DCM
43a	(0.219 Ac.)	Genesee Hensarling, et al	R/425 DCM
44	(1.08 Ac.)	Waymon D. Triana, et ux	R/425 DCM
45	(0.286 Ac.)	Waymon D. Triana, et ux	R/425 DCM
46	(0.852 Ac.)	Waymon D. Triana, et ux	R/425 DCM
47	(0.75 Ac.)	Waymon D. Triana, et ux	R/425 DCM
48	(2.00 Ac.)	Thelma K. Stephenson, et al	R/425 DCM
49	(13.5 Ac.)	Thomas Leon Quinn, et al	250/229
50	(13.534 Ac.)	James Norton, et al	279/416
51	(7.999 Ac.)	William J. Haynes, et ux	255/111
52	(3.7082 Ac.)	William J. Haynes, et ux	257/835
53a(w)	(1.00 Ac.)	Laurie Ann Sowell, et ux	175/493
53a(e)	(2.00 Ac.)	Laurie Ann Sowell, et ux	280/306
53b	(1.678 Ac.)	Lewis Forest Butler, et al	257/835
54	(4.769 Ac.)	Lewis H. Butler, et al	244/475
55	(13.202 Ac.)	Howard Grant Nichols, Jr., et al	142/341
57	(7.886 Ac.)	Howard Grant Nichols, Jr., et al	136/288
58	(1.845 Ac.)	Carroll McDaniel, et ux	292/445
59	(1.72 Ac.)	Carroll McDaniel, et ux	262/735
60	(3.90 Ac.)	Cary Dwayne Ponderster, et al	269/535
61	(2.00 Ac.)	Paige K. Dubois	256/547
62	(6.43 Ac.)	Barney Coon	301/141
63	(11.15 Ac.)	Keith Fancher, et al	87/590
64	(1.945 Ac.)	Rhonda Cecelia Moore	246/753
65	(9.27 Ac.)	Dean Elliott, et al	152/517
66	(9.435 Ac.)	Emmet Luman, et al	312/175
68	(8.00 Ac.)	Iris Bailey, et al	80/726
70	(31.80 Ac.)	Lawrence Roy Pike, et ux	274/270 & 274/405
71	(6.973 Ac.)	Ollie Joe Ponderster	292/628
72	(3.409 Ac.)	Baptist Foundation of Texas, et al	279/690
73	(0.341 Ac.)	Gail Houston, et al	64/416
74	(0.31 Ac.)	Baptist Foundation of Texas, et al	278/277
75	(5.304 Ac.)	Billy Ray Suggs, et al	286/624



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: September 21, 2016 Tyler, Texas

E.L.S. Surveying & Mapping, Inc.
Harry L. Johnson & Associates

Registered Professional Land Surveyor No. 1978