API No. 42-405-30313

Drilling Permit # 689127

SWR Exception Case/Docket No.

# RAILROAD COMMISSION OF TEXAS
# OIL & GAS DIVISION

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

*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.*

**FORM W-1** 07/2004

Permit Status: Approved

1. RRC Operator No. 945936

2. Operator's Name (as shown on form P-5, Organization Report): XTO ENERGY INC.

3. Operator Address (include street, city, state, zip):

4. Lease Name: JAYHAWKS DU

5. Well No. 1H

## GENERAL INFORMATION

6. Purpose of filing (mark ALL appropriate boxes): [X] New Drill [ ] Recompletion [ ] Reclass [ ] Field Transfer [ ] Re-Enter [X] Amended [ ] Amended as Drilled (BHL) (Also File Form W-1D)

7. Wellbore Profile (mark ALL appropriate boxes): [ ] Vertical [X] Horizontal (Also File Form W-1H) [ ] Directional (Also File Form W-1D) [ ] Sidetrack

8. Total Depth 19000

9. Do you have the right to develop the minerals under any right-of-way ? [X] Yes [ ] No

10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? [X] Yes [ ] No

## SURFACE LOCATION AND ACREAGE INFORMATION

11. RRC District No. 06

12. County SAN AUGUSTINE

13. Surface Location [X] Land [ ] Bay/Estuary [ ] Inland Waterway [ ] Offshore

14. This well is to be located 5.9 miles in a N direction from San Augustine which is the nearest town in the county of the well site.

15. Section

16. Block

17. Survey BENNETT, J

18. Abstract No. A-470

19. Distance to nearest lease line: 330 ft.

20. Number of contiguous acres in lease, pooled unit, or unitized tract: 572.93

21. Lease Perpendiculars: 326 ft from the NORTHEAST line and 1545 ft from the WEST line.

22. Survey Perpendiculars: 326 ft from the NORTHEAST line and 542 ft from the WEST line.

23. Is this a pooled unit? [ ] Yes [X] No

24. Unitization Docket No:

25. Are you applying for Substandard Acreage Field? [ ] Yes (attach Form W-1A) [X] 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 | 32. Number of Wells on this lease in this Reservoir |
|---|---|---|---|---|---|---|
| 06 | 16032300 | CARTHAGE (HAYNESVILLE SHALE) | Gas Well | 10529 | 0.00 | 1 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)

**Remarks**

[FILER Aug 10, 2010 2:22 PM]: Amend to add Carthage (Haynesville Shale); [RRC STAFF Aug 20, 2010 8:48 AM]: Manual review ok. Density met.

**Certificate:**

I certify that information stated in this application is true and complete, to the best of my knowledge.

Cynthia Rainwater, Regulatory Compliance Technician — Name of filer

Aug 10, 2010 — Date submitted

(903)5793091, x118 — Phone

Cynthia_Rainwater@xtoenergy.com — E-mail Address (OPTIONAL)

**RRC Use Only** Data Validation Time Stamp: Aug 20, 2010 8:50 AM( '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

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

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**Form W-1H** 07/2004

**Supplemental Horizontal Well Information**

*Permit #* 689127

Approved Date: Aug 20, 2010

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

**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 | 9. Abstract | 10. County of BHL |
|---|---|---|---|---|
| | | QUIRK, E | 35 | SAN AUGUSTINE |

11. Terminus Lease Line Perpendiculars

330 ft. from the south line. and 331 ft. from the west line

12. Terminus Survey Line Perpendiculars

5098 ft. from the north line. and 11200 ft. from the east line

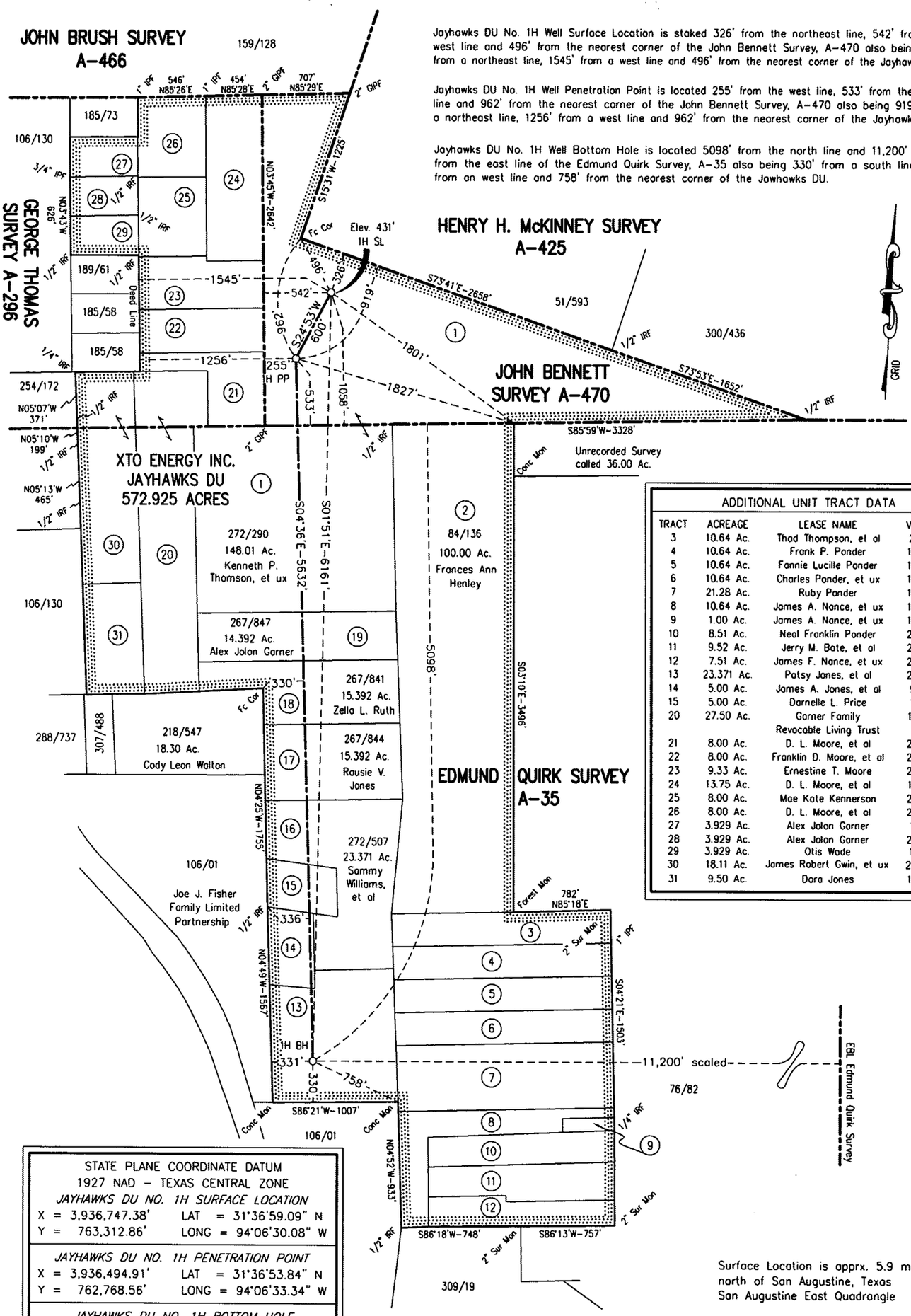
13. Penetration Point Lease Line Perpendiculars

919 ft. from the northeast line. and 1256 ft. from the west line

Jayhawks DU No. 1H Well Surface Location is staked 326' from the northeast line, 542' from the west line and 496' from the nearest corner of the John Bennett Survey, A-470 also being 326' from a northeast line, 1545' from a west line and 496' from the nearest corner of the Jayhawks DU.

Jayhawks DU No. 1H Well Penetration Point is located 255' from the west line, 533' from the south line and 962' from the nearest corner of the John Bennett Survey, A-470 also being 919' from a northeast line, 1256' from a west line and 962' from the nearest corner of the Jayhawks DU.

Jayhawks DU No. 1H Well Bottom Hole is located 5098' from the north line and 11,200' scaled from the east line of the Edmund Quirk Survey, A-35 also being 330' from a south line, 331' from an west line and 758' from the nearest corner of the Jawhawks DU.




| ADDITIONAL UNIT TRACT DATA | | | |
|---|---|---|---|
| TRACT | ACREAGE | LEASE NAME | VOL/PAGE |
| 3 | 10.64 Ac. | Thad Thompson, et al | 268/737 |
| 4 | 10.64 Ac. | Frank P. Ponder | 163/402 |
| 5 | 10.64 Ac. | Fannie Lucille Ponder | 163/402 |
| 6 | 10.64 Ac. | Charles Ponder, et ux | 163/402 |
| 7 | 21.28 Ac. | Ruby Ponder | 163/402 |
| 8 | 10.64 Ac. | James A. Nance, et ux | 163/402 |
| 9 | 1.00 Ac. | James A. Nance, et ux | 163/402 |
| 10 | 8.51 Ac. | Neal Franklin Ponder | 262/440 |
| 11 | 9.52 Ac. | Jerry M. Bate, et al | 290/349 |
| 12 | 7.51 Ac. | James F. Nance, et ux | 277/400 |
| 13 | 23.371 Ac. | Patsy Jones, et al | 272/505 |
| 14 | 5.00 Ac. | James A. Jones, et al | 96/104 |
| 15 | 5.00 Ac. | Darnelle L. Price | 169/73 |
| 20 | 27.50 Ac. | Garner Family Revocable Living Trust | 106/130 |
| 21 | 8.00 Ac. | D. L. Moore, et al | 259/608 |
| 22 | 8.00 Ac. | Franklin D. Moore, et al | 259/608 |
| 23 | 9.33 Ac. | Ernestine T. Moore | 224/570 |
| 24 | 13.75 Ac. | D. L. Moore, et al | 106/130 |
| 25 | 8.00 Ac. | Mae Kate Kennerson | 259/608 |
| 26 | 8.00 Ac. | D. L. Moore, et al | 259/608 |
| 27 | 3.929 Ac. | Alex Jolon Garner | 185/70 |
| 28 | 3.929 Ac. | Alex Jolon Garner | 269/664 |
| 29 | 3.929 Ac. | Otis Wade | 185/64 |
| 30 | 18.11 Ac. | James Robert Gwin, et ux | 273/678 |
| 31 | 9.50 Ac. | Dora Jones | 195/536 |

| STATE PLANE COORDINATE DATUM<br>1927 NAD - TEXAS CENTRAL ZONE | |
|---|---|
| *JAYHAWKS DU NO. 1H SURFACE LOCATION* | |
| X = 3,936,747.38' | LAT = 31°36'59.09" N |
| Y = 763,312.86' | LONG = 94°06'30.08" W |
| *JAYHAWKS DU NO. 1H PENETRATION POINT* | |
| X = 3,936,494.91' | LAT = 31°36'53.84" N |
| Y = 762,768.56' | LONG = 94°06'33.34" W |
| *JAYHAWKS DU NO. 1H BOTTOM HOLE* | |
| X = 3,936,946.72' | LAT = 31°35'58.13" N |
| Y = 757,155.21' | LONG = 94°06'31.76" W |

Surface Location is apprx. 5.9 miles
north of San Augustine, Texas
San Augustine East Quadrangle

FOR THE EXCLUSIVE USE OF
XTO ENERGY INC.

STATE OF TEXAS - - - COUNTY OF SMITH
I, E. L. Sartain, Registered Professional Land Surveyor, do hereby certify the above plat to be true and correct to the best of my knowledge.
Date: December 15, 2009 Tyler, Texas.

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

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.

STATE OF TEXAS
REGISTERED
E. L. SARTAIN
1978
PROFESSIONAL
LAND SURVEYOR

# WELL LOCATION PLAT
## XTO ENERGY INC.
## JAYHAWKS DU NO. 1H WELL
## JOHN BENNETT SURVEY A-470
## EDMUND QUIRK SURVEY A-35
## SAN AUGUSTINE COUNTY, TEXAS

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

*From the Office of E.L.S. Surveying & Mapping, Inc. / Harry L. Johnson & Associates - Tyler, Texas*

Drafter: BSA FB 1775/61 (RS) Job No. 285568 Map No. SA-844