

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 069 20172

Approval Date: 01/26/2015
Expiration Date: 07/26/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 4S Rge: 5E County: JOHNSTON
SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 277 1506

Lease Name: EDDINGS Well No: 3-21H16X Well will be 277 feet from nearest unit or lease boundary.
Operator Name: XTO ENERGY INC Telephone: 8178853255 OTC/OCC Number: 21003 0

XTO ENERGY INC
810 HOUSTON ST
FORT WORTH, TX 76102-6203

BARBARA J. EDDINGS, STEVEN K. EDDINGS & KAREN P. EDDINGS
9510 W RANDOLPH LAKE LANE
MANNSVILLE OK 73447

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 SYCAMORE	6950	6	
2 WOODFORD	7123	7	
3 HUNTON	7423	8	
4		9	
5		10	

Spacing Orders: 557092 Location Exception Orders: 634595 Increased Density Orders: 634539
555910 634594 634538
634591

Pending CD Numbers:

Special Orders:

Total Depth: 16300 Ground Elevation: 660 Surface Casing: 1990 Depth to base of Treatable Water-Bearing FM: 140

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: Yes Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: AIR

Is depth to top of ground water greater than 10ft below base of pit? Y
Within 1 mile of municipal water well? N
Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

H. SEE MEMO

PERMIT NO: 14-29223

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

PIT 3 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 16 Twp 4S Rge 5E County JOHNSTON

Spot Location of End Point: NE SW SW NW

Feet From: SOUTH 1/4 Section Line: 400

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 6923

Radius of Turn: 763

Direction: 357

Total Length: 8179

Measured Total Depth: 16300

True Vertical Depth: 7423

End Point Location from Lease,
Unit, or Property Line: 380

Notes:

Category	Description
DEEP SURFACE CASING	1/26/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 634538	1/26/2015 - G91 - 16-4S-5E X555910 WDFD 2 WELLS XTO ENERGY INC. 12-26-2014

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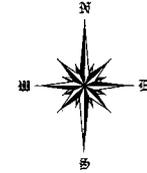
Category	Description
INCREASED DENSITY - 634539	1/26/2015 - G91 - 21-4S-5E X557092 WDFD 2 WELLS XTO ENERGY INC. 12-26-2014
LOCATION EXCEPTION - 634594	1/26/2015 - G91 - (I.O.) 16-4S-5E X555910 SCMR, WDFD, HNTN SHL 277 FSL, 1506 FWL 21-4S-5E COMPL. INT. NCT 0 FSL, NCT 2240 FNL, NCT 330 FWL XTO ENERGY INC. 12-29-2014
LOCATION EXCEPTION - 634595	1/26/2015 - G91 - (I.O.) 21-4S-5E X557092 SCMR, WDFD, HNTN SHL 277 FSL, 1506 FWL 21-4S-5E COMPL. INT. NCT 165 FSL, NCT 0 FNL, NCT 330 FWL XTO ENERGY INC. 12-29-2014
MEMO	1/26/2015 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 555910	1/26/2015 - G91 - (640) 16-4S-5E VAC 242033 SCMR, WDFD, HNTN, OTHERS EXT 552987 SCMR, WDFD, HNTN, OTHERS
SPACING - 557092	1/26/2015 - G91 - (640) 21-4S-5E EXT 552987 SCMR, WDFD, HNTN, OTHERS
SPACING - 634591	1/26/2015 - G91 - (I.O.) 16 & 21-4S-5E EST MULTIUNIT HORIZONTAL WELL (EDDINGS 3-21H16X) X555910 SCMR, WDFD, HNTN 16-4S-5E X557092 SCMR, WDFD, HNTN 21-4S-5E (SCMR, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 24% 16-4S-5E 76% 21-4S-5E XTO ENERGY INC. 12-29-2014

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Office of the Conservation Division as to when Surface Casing will be run.

Eddings 3-21H16X

SECTION 21
TOWNSHIP 4 SOUTH, RANGE 5 EAST
JOHNSTON COUNTY, OKLAHOMA

OPERATOR:



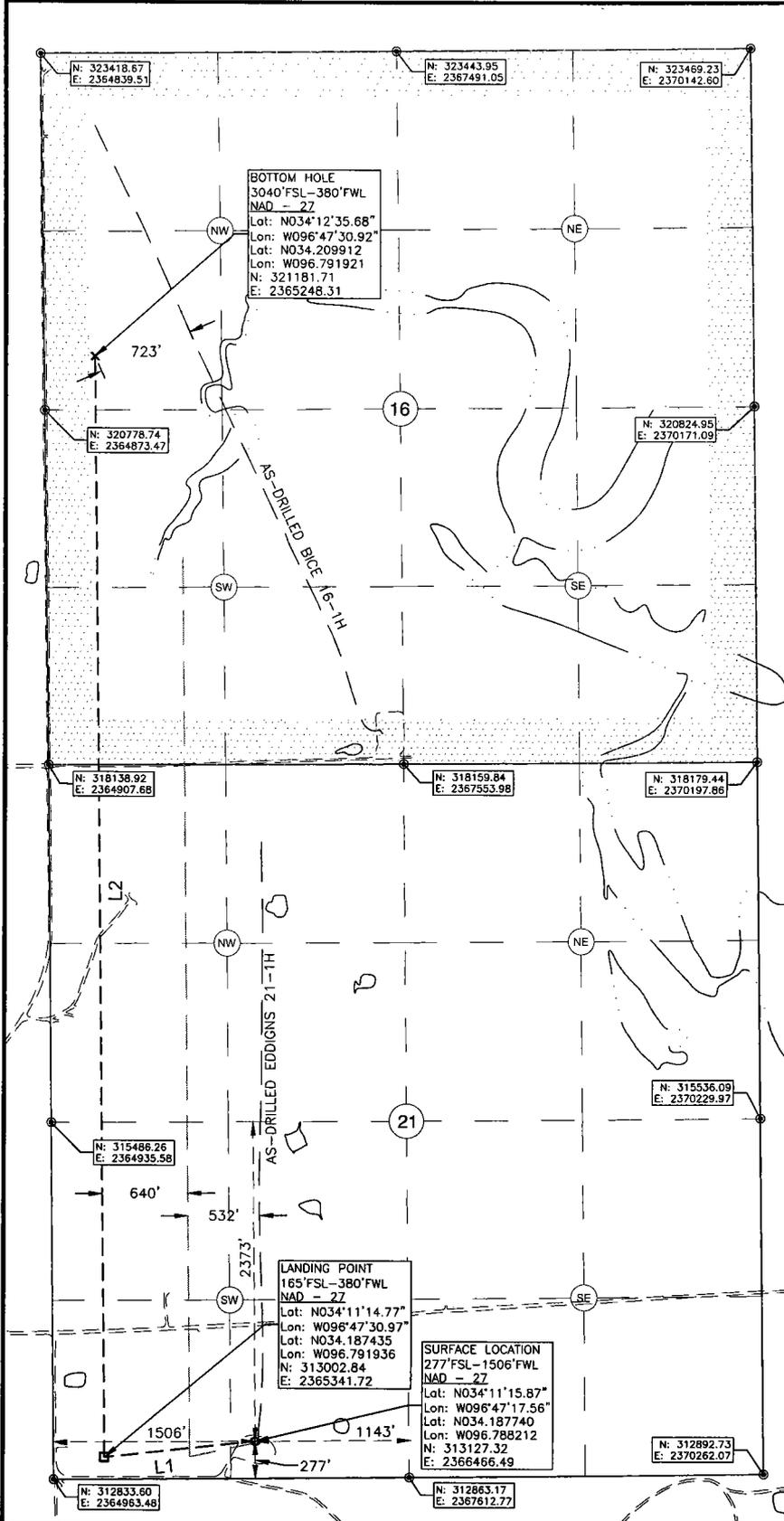
LEGEND:

- EXISTING WELL HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- PROPOSED LANDING POINT (LP)
- PROPOSED BOTTOM HOLE (PBHL)
- DRILLING UNIT

Line Table		
Line #	Azimuth	Length
L1	263.684615	1131.64
L2	359.345706	8179.40



NOTES:
1. This survey does not represent a boundary survey. It is for Geographical Information Systems (GIS) purposes only as instructed by the client and is not to be relied upon for the establishment of fences, buildings or other further improvement lines. Positions were taken with Survey Grade RTK GPS and NGS OPUS processed control using the NAD27 Oklahoma South State Plane Coordinate System.
2. Bottom hole information provided by operator listed, not surveyed and corner coordinates are taken from points surveyed in field.



Surface Hole Location: 277' From South Line Section 21
1506' From West Line Section 21

Latitude: N34.187740° (NAD 27)
Longitude: W96.788212° (NAD 27)
Latitude: N34.187836° (NAD 83)
Longitude: W96.788495° (NAD 83)

Ground Elev: 660.1

Landing Point Location: 165' From South Line of Section 21
380' From West Line of Section 21

Bottom Hole Location: 3040' From South Line Section 16
380' From West Line Section 16

Drilling Unit: Section 16, T4S, R5E

Operator: XTO Energy, Inc.
Best Accessibility to Location: From West.
Distance & Direction from Hwy Jct or Town:
From the Intersection of Russett Rd and Randolph Lake Ln, go East on Randolph Lake Ln 0.4mi, to Cumbi Ln, then South 0.2mi to Existing Access Rd, Well Location to the East.

I, Chad Fox, a duly registered Professional Land Surveyor in the State of OKLAHOMA, do hereby certify that the drawing shown hereon was completed and represents a good and accurate survey made upon the ground by me, or under my direct supervision.

CHAD FOX P.L.S. NO. 1758
C.O.A. NO. 6186 EX. DATE: 31JAN14



CDF AND ASSOCIATES, LLC.
208 Dewey Ave. Poteau, OK 74953 (918) 649-3303
Certificate of Authorization No. 6186

JOB NO:	XTO/WP13/EDDINGS 3-21H16X	DRAWN BY:	LD
DATE:	07/OCT/14	REV:	A SCALE: 1" = 1,000' SHT NO. 1