API NUMBER: 095 20615

Oil & Gas

Horizontal Hole

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

Approval Date: 04/18/2013
Expiration Date: 10/18/2013

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 5S Rge: 6E County: MARSHALL

SPOT LOCATION: NE SW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 930 375

Lease Name: LANE Well No: 1-10H3 Well will be 375 feet from nearest unit or lease boundary.

OperatorXTO ENERGY INCTelephone:4052324011OTC/OCC Number:210030Name:

XTO ENERGY INC 210 PARK AVE STE 2350

OKLAHOMA CITY. OK 73102-5683

BICE LLC

P.O. BOX 1425

ARDMORE OK 73402

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

Name Depth Name Depth 1 CANEY 6814 6 2 WOODFORD 7314 7 3 HUNTON 7584 8 9 10 600251 Spacing Orders: Location Exception Orders: 600671 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 13000 Ground Elevation: 716 Surface Casing: 1200 Depth to base of Treatable Water-Bearing FM: 670

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

PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: AIR

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 12-20674

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

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Weinlead Flotection Alea:

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 4

**Liner not required for Category: 4**Pit Location is NON HSA

Pit Location Formation: CADDO

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

#### 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C
Pit Location is NON HSA
Pit Location Formation: CADDO

#### 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CADDO

### **HORIZONTAL HOLE 1**

Sec 03 Twp 5S Rge 6E County MARSHALL

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 1
Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 6873 Radius of Turn: 637

Total Length: 5126

Direction: 359

Measured Total Depth: 13000
True Vertical Depth: 7584
End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category Description

DEEP SURFACE CASING 4/17/2013 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS

OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR

SURFACE CASING

Category Description

LOCATION EXCEPTION - 600671 4/18/2013 - G75 - (I.O

4/18/2013 - G75 - (I.O.) X600251 CNEY, WDFD, HNTN, OTHER SHL 300 FNL, 890 FWL 10-5S-6E \*\*

FIRST PERF NCT 165 FSL, NCT 330 FWL 3-5S-6E LAST PERF NCT 165 FNL, NCT 330 FWL 3-5S-6E

BHL NCT 0 FNL, NCT 0 FWL 3-5S-6E

XTO ENERGY INC.

8-6-2012

\*\* ITD HAS SHL AS 930 FNL, 375 FWL 10-5S-6E; TO BE CORRECTED AT HEARING FOR FINAL

ORDER LOCATION EXCEPTION PER OPERATOR

MEMO 4/17/2013 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 -

OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

SPACING - 600251 4/18/2013 - G75 - (640) 3-5S-6E

EST OTHERS

EXT 592373 CNEY, WDFD, HNTN, OTHERS

4PI 095-20615

N: 302778.61 E: 2407433.80

N: 300143.93 E: 2407449.04

## .ANE 1-10H3

SECTION 10

TOWNSHIP 5 SOUTH, RANGE 6 EAST MARSHALL COUNTY, OKLAHOMA



## LEGEND:

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



Line Table		
Line #	Azimuth	Length
L1	359.514380	1095.03
L2	359.547437	5125.96



/ as on for the // improvemen' // GPS and P .60

not surveyed

by operator | taken from |

rmation provided coordinates are

Operator: XTO Energy, Inc.

Best Accessibility to Location: From North

Distance & Direction from Hwy Jct or Town: From Madill, Ok. go 3.9mi. Northwest on Hwy 99. then 2.0mi East on Jagger Rd, then 1.6 mi North on Bowlin Rd, Well location 0.6mi to the Southeast

l, 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

# OKLAHOMA MINI 1758

CHAD FOX

## CDF AND ASSOCIATES, LLC

404 Coggins Ave. Poteau, OK 74953 (918) 721-1262 Certificate of Authorization No. 6186

XTO/WP13/LANE1-10H3 DRAWN BY: JOB NO: DATE: 18/FEB/13 REV: A SCALE: 1" = 1,000' SHT NO.

N: 294779.88 E: 2402231.13 Surface Hole Location: 930' From North Line Section 10 375' From West Line Section 10 Latitude: N34.140809° (NAD 27) Longitude: W96.669527 (NAD 27) Latitude: N34.140906° (NAD 83) Longitude: W96.669805° (NAD 83) Ground Elev: 715.8 Landing Point Location: 165' From North Line of Section 3 380' From West Line of Section 3 Bottom Hole Location: 0' From North Line Section 3 380' From West Line Section 3 Drilling Unit: Section 3, T5S, R6E

N: 302718.87 E: 2402152.36

N: 300072.68 E: 2402173.32

N: 297426.42 E: 2402194.15

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BOTTOM HOLE 0'FNL-380'FWL NAD - 27 Lat: N034°09'28.46" Lon: W096'40'09.91' Lat: N034.157904

Lon: W096.669421 N: 302723.17 E: 2402532.33

JEANDING POINT 165'FSL-380'FWL Lat: N034°08'37.75" Lon: W096\*40\*10.24\* Lat: N034.143818 Lon: W096.669510 N: 297597.37 E: 2402572.82 2402572.82

N: 302748.74 E: 2404793.08

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297467.71 2404829.14  $\Box$ 930 2262 SURFACE HOLE 930'FNL-375'FWL NAD - 27 at: N034'08'26.91 Lon: W096\*40'10.30" Lat: N034.140809 Lon: W096.669527 N: 296502.38 2402582.10 N: 294872.17 E: 2407511.24