

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

API NUMBER: 085 21259

Approval Date: 01/16/2015
Expiration Date: 07/16/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 6S Rge: 1E

County: LOVE

SPOT LOCATION: SE NW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 770 400

Lease Name: JUNE

Well No: 1-27H

Well will be 400 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

FRANKI ENDERBY SALDIVAR
1816 MARBLE PASS DRIVE
FLOWER MOUND TX 75028

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

	Name	Depth	Name	Depth
1	CANEY	12975	6	
2	WOODFORD	13805	7	
3	HUNTON	14500	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500066
201500068

Special Orders:

Total Depth: 19000

Ground Elevation: 922

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 220

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 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: KIAMICHI

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: 15-29367

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 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: KIAMICHI

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: KIAMICHI

HORIZONTAL HOLE 1

Sec 27 Twp 6S Rge 1E County LOVE

Spot Location of End Point: NE SE SE SE

Feet From: SOUTH 1/4 Section Line: 380

Feet From: EAST 1/4 Section Line: 10

Depth of Deviation: 13169

Radius of Turn: 636

Direction: 95

Total Length: 4832

Measured Total Depth: 19000

True Vertical Depth: 14500

End Point Location from Lease,
Unit, or Property Line: 10

Notes:

Category

Description

DEEP SURFACE CASING

1/14/2015 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

MEMO

1/14/2015 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

This permit does not address the right of entry or settlement of surface damages.
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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.

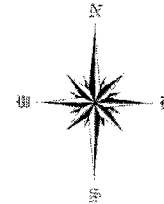
Category	Description
PENDING CD - 201500066	1/15/2015 - G75 - (E.O.)(640) 27-6S-1E EXT 621649/622664 CNEY, WDFD, OTHER EXT 628028 HNTN XTO ENERGY INC. REC 1-16-2015 (NORRIS)
PENDING CD - 201500068	1/15/2015 - G75 - (E.O.) 27-6S-1E X201500066 CNEY, WDFD, HNTN, OTHER SHL 770 FSL, 400 FWL COMPL. INT. NCT 165 FWL, NCT 165 FEL, NCT 330 FSL XTO ENERGY INC. REC 1-16-2015 (NORRIS)

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.

API 085-21259

JUNE 1-27H

SECTION 27
TOWNSHIP 6 SOUTH, RANGE 1 EAST
LOVE COUNTY, OKLAHOMA



OPERATOR:



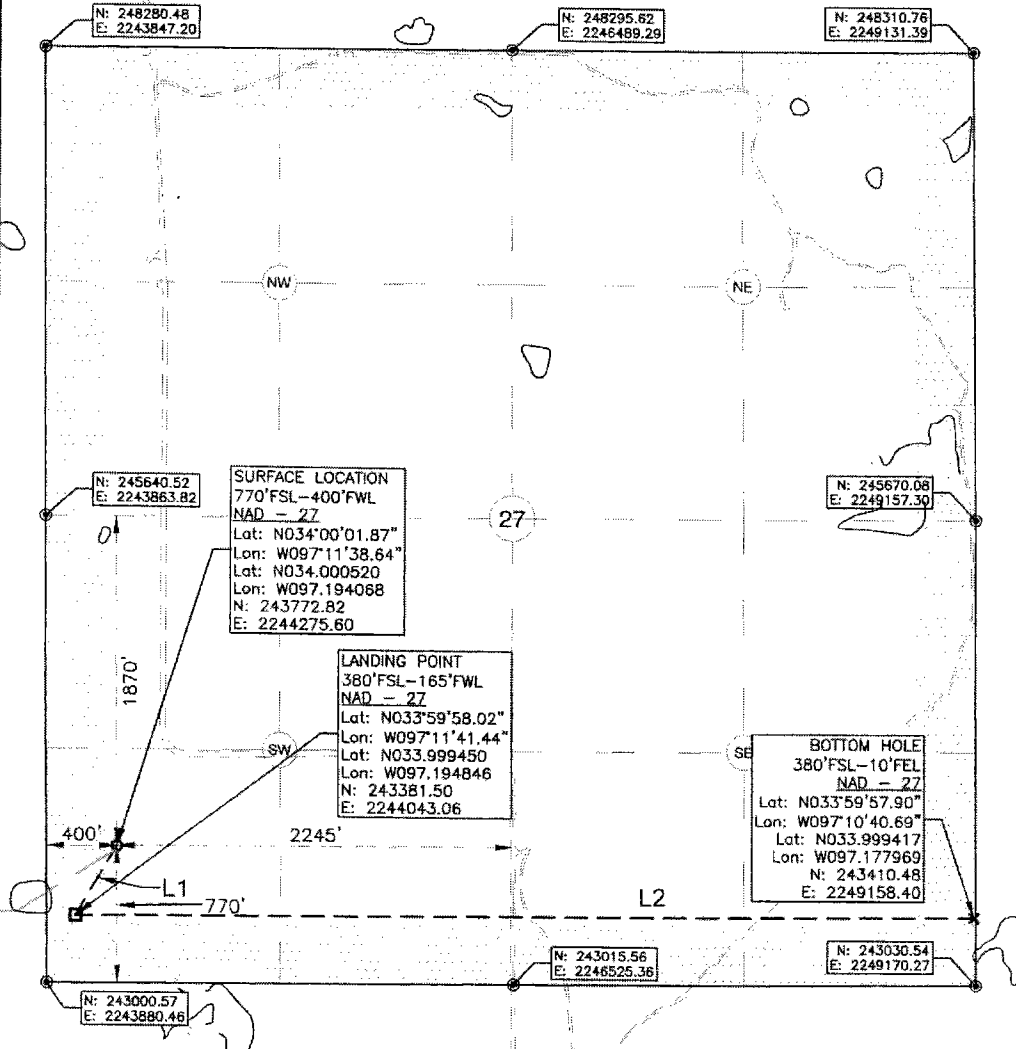
LEGEND:

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

Line Table		
Line #	Azimuth	Length
L1	210.720389	455.20
L2	089.675334	5115.43



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 camera coordinates are taken from points surveyed in field.



Surface Hole Location: 770' From South Line Section 27
400' From West Line Section 27

Latitude: N34.000520° (NAD 27)
Longitude: W97.194068° (NAD 27)
Latitude: N34.000619° (NAD 83)
Longitude: W97.194360° (NAD 83)

Ground Elev: 921.9

Landing Point Location: 380' From South Line Section 27
165' From West Line Section 27

Bottom Hole Location: 380' From South Line Section 27
10' From East Line Section 27

Drilling Unit: Section 27, T6S, R1E

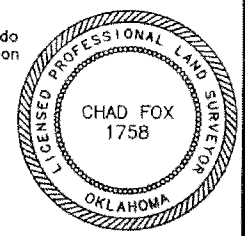
Operator: XTO Energy, Inc.

Best Accessibility to Location: From North

Distance & Direction from Hwy Jct or Town:
From the Intersection of Hwy 32 and Interstate 35 go West 3.0mi on Hwy 32 to Rowles Rd. then 3.0mi North to Dixon Rd. Continue North on New Hope Rd 1.6mi to Access Rd. Well Location to the South.

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 1/6/15
CHAD FOX P.L.S. NO. 1758
C.O.A. NO. 6186 EX. DATE: 31JAN16



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

JOB NO:	XTO/WP13/JUNE 1-27H	DRAWN BY:	LD
DATE:	29/OCT/14	REV:	A SCALE: 1" = 1,000' SHT NO. 1