

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

API NUMBER: 085 21252

Approval Date: 12/22/2014  
Expiration Date: 06/22/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 7S Rge: 1E County: LOVE  
SPOT LOCATION:  NE  NE  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 253 1242

Lease Name: TOMMY Well No: 1-3H34 Well will be 253 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

TOMMY CHARLES JACOBS  
208 O ST NE  
ARDMORE OK 73401

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

	Name	Depth	Name	Depth
1	CANEY	13450	6	
2	WOODFORD	14250	7	
3	HUNTON	14440	8	
4			9	
5			10	

Spacing Orders: 628028

Location Exception Orders: 628638

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 19500

Ground Elevation: 928

**Surface Casing: 1990**

Depth to base of Treatable Water-Bearing FM: 310

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: CADDO

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: 14-28854

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: 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 34 Twp 6S Rge 1E County LOVE

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 10

Feet From: WEST 1/4 Section Line: 400

Depth of Deviation: 12463

Radius of Turn: 1227

Direction: 350

Total Length: 5109

Measured Total Depth: 19500

True Vertical Depth: 14440

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

Notes:

Category

Description

DEEP SURFACE CASING

11/6/2014 - 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

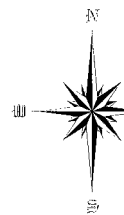
Category	Description
LOCATION EXCEPTION - 628638	<p>12/22/2014 - G76 - (I.O) 34-6S-1E  X628028 CNEY, WDFD, HNTN  SHL 260 FNL, 1240 FWL 3-7S-1E**  COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 330 FWL 34-6S-1E  XTO ENERGY INC.  8/1/2014</p> <p>**ITD HAS SHL AT 253 FNL, 1242 FWL 3-7S-1E; WILL BE CORRECTED AT FINAL HEARING PER OPERATOR</p>
MEMO	<p>11/6/2014 - G71 - PITS 2 &amp; 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 628028	<p>12/18/2014 - G76 - (640) 34-6S-1E  EXT 618811 CNEY, WDFD, HNTN</p>

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-085-21252

**TOMMY 1-3H34**

SECTION 3  
TOWNSHIP 7 SOUTH, RANGE 1 EAST  
LOVE COUNTY, OKLAHOMA



OPERATOR:

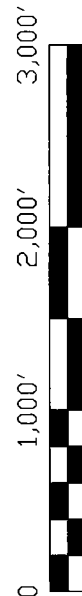


**LEGEND:**

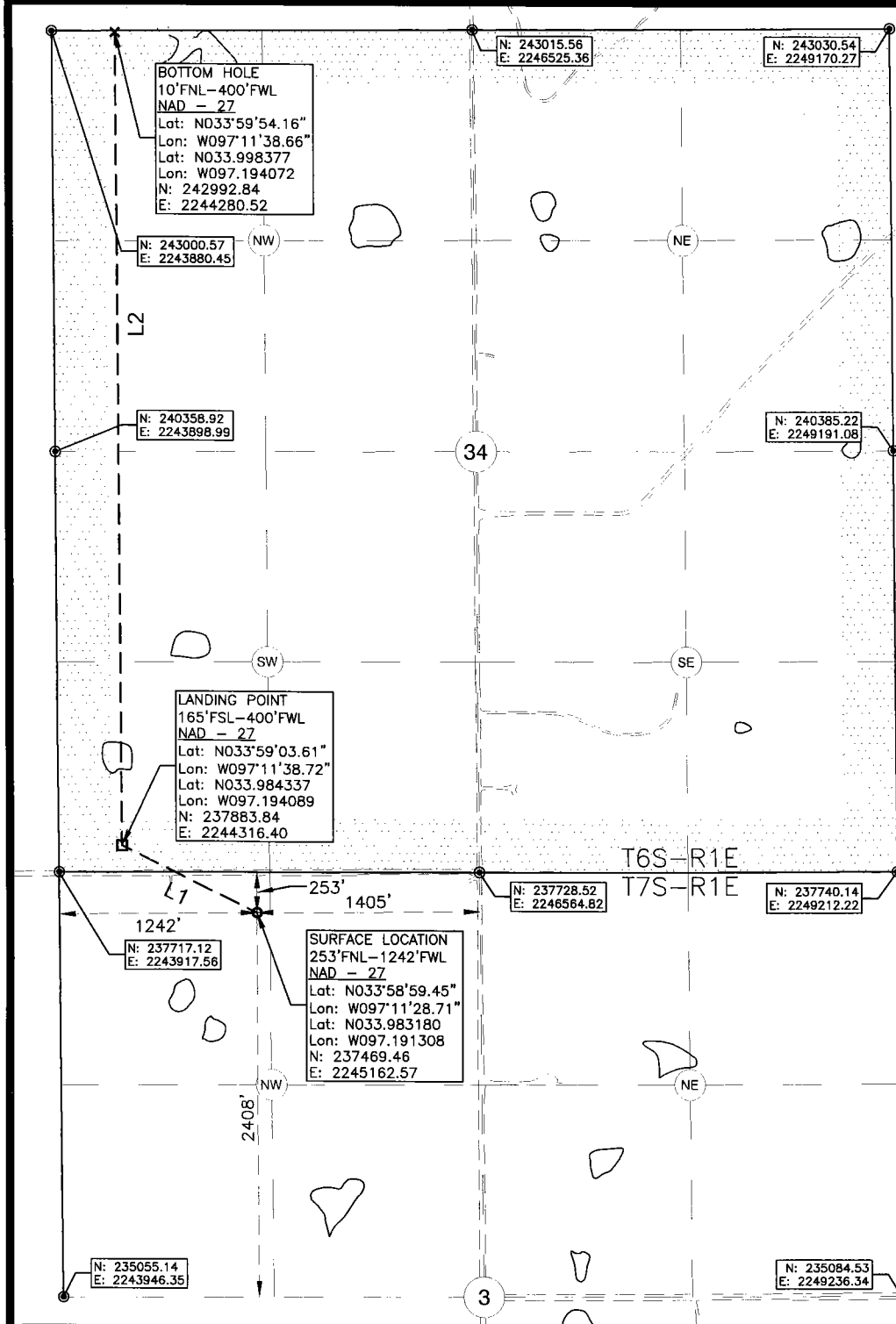
- EXISTING WELL HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- PROPOSED LANDING POINT (LP)
- PROPOSED BOTTOM HOLE (PBHL)

DRILLING UNIT

Line Table		
Line #	Azimuth	Length
L1	296.091696	942.18
L2	359.597574	5109.12



**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:** 253' From North Line Section 3  
1242' From West Line Section 3  
  
Latitude: N33.983180° (NAD 27)  
Longitude: W97.191308° (NAD 27)  
Latitude: N33.983279° (NAD 83)  
Longitude: W97.191601° (NAD 83)  
  
Ground Elev: 928.1

**Landing Point Location:** 165' From South Line Section 34  
400' From West Line Section 34

**Bottom Hole Location:** 10' From North Line Section 34  
400' From West Line Section 34

**Drilling Unit:** Section 34, 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 Bowles Rd, then 3.0mi North to Dixon Rd, then 0.3mi 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 P.L.S. NO. 1758  
C.O.A. NO. 6186 EX. DATE: 31JAN14

**CDF AND ASSOCIATES, LLC.**  
404 Coggins Ave. Poteau, OK 74953 (918) 721-1262  
Certificate of Authorization No. 6186

JOB NO:	XTO/WP13/TOMMY 1-3H34	DRAWN BY:	LD
DATE:	25/JUL/14	REV:	B   SCALE: 1" = 1,000'   SHT NO. 1