

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

API NUMBER: 095 20616

Approval Date: 05/02/2013

Expiration Date: 11/02/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 5S Rge: 6E

County: MARSHALL

SPOT LOCATION: NE NE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 307 1119

Lease Name: VERONICA

Well No: 9-16H9

Well will be 307 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 4052324011

OTC/OCC Number: 21003 0

XTO ENERGY INC
210 PARK AVE STE 2350
OKLAHOMA CITY, OK 73102-5683

TFF LIMITED PARTNERSHIP
P.O. BOX 75726
OKLAHOMA CITY OK 73147

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

Name	Depth	Name	Depth
1 WOODFORD	7600	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 584675

Location Exception Orders: 610342

Increased Density Orders: 610082

610340

Pending CD Numbers:

Special Orders:

Total Depth: 13000

Ground Elevation: 764

Surface Casing: 1050

Depth to base of Treatable Water-Bearing FM: 830

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)

PERMIT NO: 13-23233

H. SEE MEMO

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 09 Twp 5S Rge 6E County MARSHALL

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 2580

Depth of Deviation: 6878

Radius of Turn: 637

Direction: 10

Total Length: 5121

Measured Total Depth: 13000

True Vertical Depth: 7600

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Category	Description
EXCEPTION TO RULE - 610340	5/1/2013 - G75 - (I.O.) 9-5S-6E X165:10-3-28(C)(2)(B) WDFD (VERONICA 9-16H9) NCT 500' TO VERONICA 8-16H9 XTO ENERGY INC. 4-15-2013
INCREASED DENSITY - 610082	5/1/2013 - G75 - 9-5S-6E X584675 WDFD 5 WELLS XTO ENERGY INC. 4-8-2013

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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.

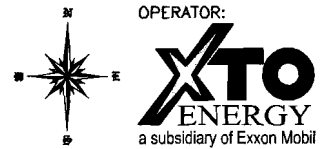
Category	Description
LOCATION EXCEPTION - 610342	<p>5/1/2013 - G75 - (I.O.) X584675 WDFD SHL 305 FNL, 1120 FWL 16-5S-6E ** FIRST PERF NCT 165 FSL, NCT 330 FWL 9-5S-6E LAST PERF NCT 165 FNL, NCT 330 FWL 9-5S-6E XTO ENERGY INC. 4-15-2013</p> <p>** ITD HAS SHL AS 307 FNL, 1119 FWL; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR</p>
MEMO	<p>5/1/2013 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT</p>
SPACING - 584675	<p>5/1/2013 - G75 - (640) 9-5S-6E EXT 531472 WDFD, OTHERS</p>

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

VERONICA 9-16H9

SECTION 16
TOWNSHIP 5 SOUTH, RANGE 6 EAST
MARSHALL COUNTY, OKLAHOMA

OPERATOR:



LEGEND:

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

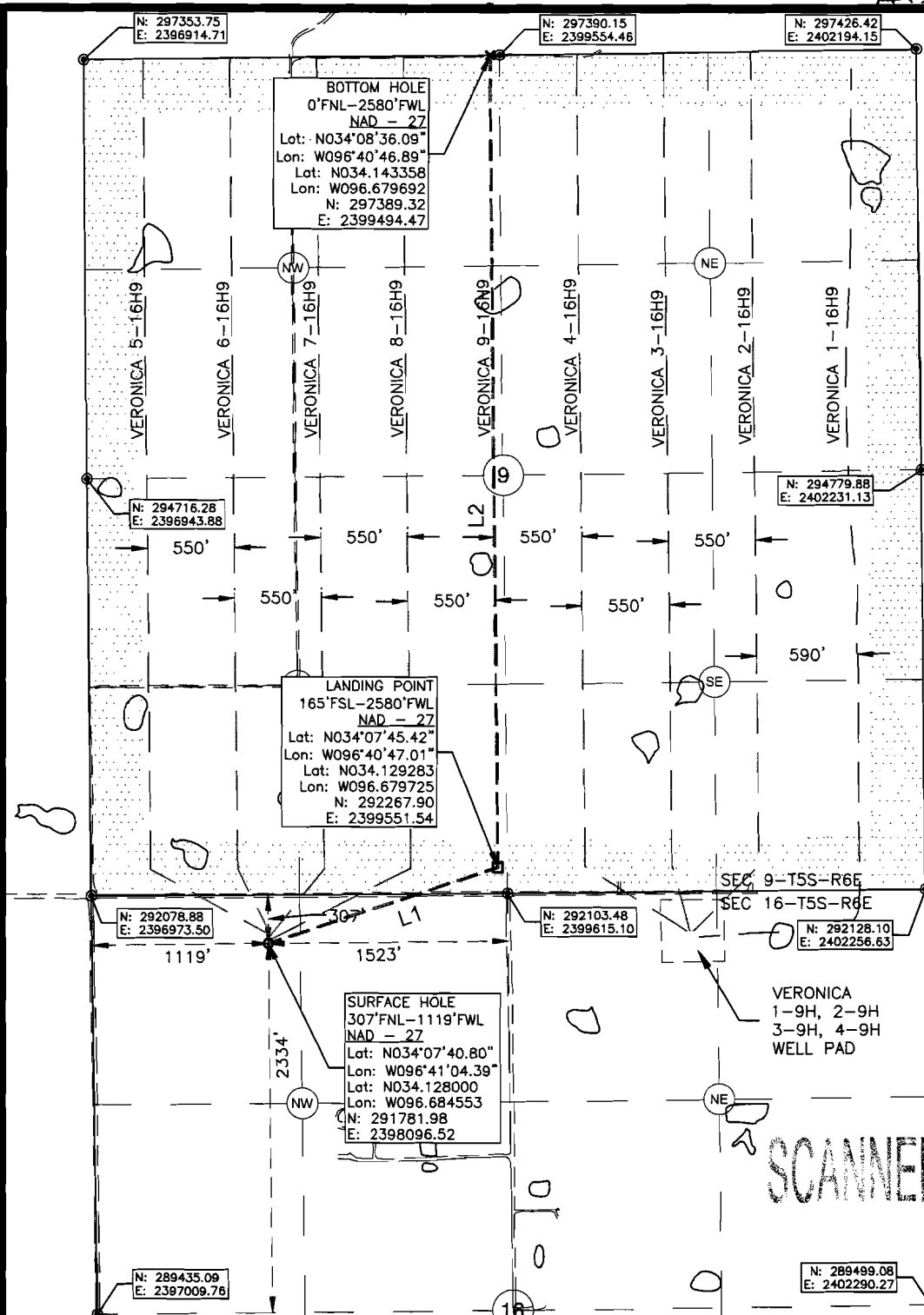
Line Table		
Line #	Azimuth	Length
L1	071.532740	1534.01
L2	359.361556	5121.74

3000'
2000'
1000'
0



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.

SCANNED



Surface Hole Location: 307' From North Line Section 16
1119' From West Line Section 16

Latitude: N34.128000° (NAD 27)
Longitude: W96.684553° (NAD 27)
Latitude: N34.128098° (NAD 83)
Longitude: W96.684831° (NAD 83)

Ground Elev: 764.4

Landing Point Location: 165' From South Line of Section 9
2580' From West Line of Section 9

Bottom Hole Location: 0' From North Line Section 9
2580' From West Line Section 9

Drilling Unit: Section 9, T5S, R6E

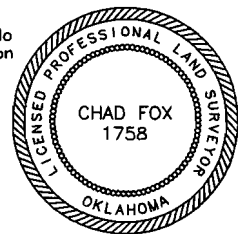
Operator: XTO Energy, Inc.

Best Accessibility to Location: From North

Distance & Direction from Hwy Jct or Town:
From Madill, Ok. go 3.9mi. Northeast on St Hwy 99, then 2.2mi. East on Jagger Rd. to well location on South Side of Road.

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.

ld 7



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/VERONICA 9-16H9 DRAWN BY: LD
DATE: 11/MAR/13 REV: B SCALE: 1" = 1,000' SHT NO. 1