

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

API NUMBER: 019 26118 A

Approval Date: 08/26/2014
Expiration Date: 02/26/2015

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 3S Rge: 2E

County: CARTER

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 376 1594

Lease Name: GENE

Well No: 1-9H4X

Well will be 376 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

ROBERT OLIVER
8067 STATE HIGHWAY 53
ARDMORE OK 73401

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

	Name	Depth	Name	Depth
1	WOODFORD	7650	6	
2	HUNTON	7940	7	
3			8	
4			9	
5			10	

Spacing Orders: 202872
195672
625691

Location Exception Orders: 625692
625693

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16500

Ground Elevation: 878

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 880

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: DEESE GROUP

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: 14-27960

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: DEESE GROUP

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: DEESE GROUP

HORIZONTAL HOLE 1

Sec 04 Twp 3S Rge 2E County CARTER

Spot Location of End Point: NE NW NW SW

Feet From: SOUTH 1/4 Section Line: 2500

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 7030

Radius of Turn: 1000

Direction: 350

Total Length: 7899

Measured Total Depth: 16500

True Vertical Depth: 8000

End Point Location from Lease,

Unit, or Property Line: 380

Additional Surface Owner

Address

City, State, Zip

GENE AUTREY LLC

3033 BRUSH CREEK ROAD

OKLAHOMA CITY, OK 73120

Notes:

Category

Description

DEEP SURFACE CASING

7/30/2014 - G76 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

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

019 26118 GENE 1-9H4X

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.

Category	Description
LOCATION EXCEPTION - 625692	8/26/2014 - G75 - (I.O.) 4-3S-2E X195672 WDFD, HNTN, OTHER COMPL. INT. NCT 0 FSL, NCT 2500 FSL, NCT 330 FWL XTO ENERGY INC. 5-20-2014
LOCATION EXCEPTION - 625693	8/26/2014 - G75 - (I.O.) 9-3S-2E X202872 WDFD, HNTN, OTHER SHL 345 FSL, 1595 FWL ** COMPL. INT. NCT 165 FSL, NCT 0 FNL, NCT 330 FWL XTO ENERGY INC. 5-20-2014 ** ITD HAS SHL AS 375 FSL, 1595 FWL; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
MEMO	7/30/2014 - G76 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 195672	8/26/2014 - G75 - (640/320/160) 4-3S-2E EXT (160) OTHER EXT (320) OTHER EXT (640) OTHERS EXT (640) 101462/VAR WDFD, HNTN, OTHER
SPACING - 202872	8/26/2014 - G75 - (640) 9-3S-2E EST OTHERS EXT 197431 WDFD, HNTN, OTHERS
SPACING - 625691	8/26/2014 - G75 - (I.O.)(640) 4 & 9-3S-2E EST MULTIUNIT HORIZONTAL WELL X ? ** (HNTN ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 34% 4-3S-2E 66% 9-3S-2E XTO ENERGY INC. 5-20-2014 ** S/B X195672 WDFD, HNTN 4-3S-2E & X202872 WDFD, HNTN 9-3S-2E; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER ATTORNEY FOR OPERATOR

019-26118

GENE 1-9H4X

SECTION 9

TOWNSHIP 3 SOUTH, RANGE 2 EAST
CARTER 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	260.189594	1230.54
L2	359.772433	7619.80



NOTES:

- 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.
- Bottom hole information provided by operator listed, not surveyed and corner coordinates are taken from points surveyed in field.

Surface Hole Location: 376' From South Line Section 9
1594' From West Line Section 9

Latitude: N34.304383° (NAD 27)
Longitude: W97.102558° (NAD 27)
Latitude: N34.304475° (NAD 83)
Longitude: W97.102851° (NAD 83)

Ground Elev: 878.1

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

Bottom Hole Location: 2500' From South Section 4
380' From West Line Section 4

Drilling Unit: Section 4&9, T3S, R2E

Operator: XTO Energy, Inc.

Best Accessibility to Location: From South

Distance & Direction from Hwy Jct or Town:
From the Intersection of Hwy 77 and Hwy 53, go East 2.3mi on Hwy 53 to Access Rd. Well Location to the North.

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/WP14/GENE 1-9H4X	DRAWN BY:	LD
DATE: 13/AUG/14	REV: D	SCALE: 1" = 1,000'	SHT NO. 1