

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

API NUMBER: 019 26314

Approval Date: 01/15/2019

Expiration Date: 07/15/2020

Horizontal Hole  
Oil & Gas  
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 4S Rge: 2E

County: CARTER

SPOT LOCATION: ☐ SE ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 540 2307

Lease Name: NAYLOR

Well No: 2-11H2X35

Well will be 540 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 4053193208; 8178852

OTC/OCC Number: 21003 0

XTO ENERGY INC  
22777 SPRINGWOODS VILLAGE PKWY  
SPRING, TX 77389-1425

JERRY WHALEY NAYLOR  
P.O. BOX 605  
ARDMORE OK 73402

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

	Name	Depth	Name	Depth
1	SYCAMORE	14425	6	
2	WOODFORD	14785	7	
3	HUNTON	15126	8	
4			9	
5			10	

Spacing Orders: 584421  
199785

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201809990  
201809987  
201809992  
201809994

Special Orders:

Total Depth: 25500

Ground Elevation: 778

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 1200

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-36035

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 35 Twp 3S Rge 2E County CARTER

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 2160

Depth of Deviation: 14172

Radius of Turn: 1000

Direction: 355

Total Length: 9757

Measured Total Depth: 25500

True Vertical Depth: 15126

End Point Location from Lease,  
Unit, or Property Line: 150

Notes:

Category

Description

DEEP SURFACE CASING

12/31/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

12/31/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

MEMO

12/31/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SAND CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category	Description
PENDING CD - 201809987	1/8/2019 - GA8 - (I.O.) 2-4S-2E & 35-3S-2E EST MULTIUNIT HORIZONTAL WELL X584421 SCMR, WDFD, HNTN 2-4S-2E X199785 SCMR, WDFD, HNTN 35-3S-2E (SCMR, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 47.4% 2-4S-2E 52.6% 35-3S-2E NO OP. NAMED REC 12/18/2018 (M. PORTER)
PENDING CD - 201809990	1/8/2019 - GA8 - (I.O.) 2-4S-2E & 35-3S-2E X584421 SCMR, WDFD, HNTN 2-4S-2E X199785 SCMR, WDFD, HNTN 35-3S-2E SL (11-4S-2E) 514' FNL & 2295' FEL ** COMPL. INT. (2-4S-2E) NCT 165' FSL, NCT 0' FNL, NCT 1800' FWL COMPL. INT. (35-3S-2E) NCT 0' FSL, NCT 165' FNL, NCT 1800' FWL NO OP. NAMED REC 12/18/2018 (M. PORTER)  **ITD HAS SHL AS 540' FNL & 2307' FEL; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR
PENDING CD - 201809992	1/8/2019 - GA8 - 2-4S-2E X584421 WDFD 3 WELLS NO OP NAMED REC 12/18/2018 (M. PORTER)
PENDING CD - 201809994	1/8/2019 - GA8 - 35-3S-2E X199785 WDFD 3 WELLS NO OP NAMED REC 12/18/2018 (M. PORTER)
SPACING - 199785	1/8/2019 - GA8 - (640) 35-3S-2E EXT 197431 SCMR, WDFD, HNTN, OTHERS EST OTHERS
SPACING - 584421	1/8/2019 - GA8 - (640) 2-4S-2E EXT 199785 SCMR, WDFD, HNTN, OTHERS

NAYLOR 2-11H2X35

SECTION 11  
TOWNSHIP 4 SOUTH, RANGE 2 EAST  
CARTER COUNTY, OKLAHOMA  
35-019-26314



OPERATOR:



LEGEND:

- EXISTING WELL HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- PROPOSED LANDING POINT (LP)
- PROPOSED TARGET 1 (T1)
- PROPOSED BOTTOM HOLE (PBHL)
- BORE LINE SECTION LINE INTERSECT
- EXISTING WELL BORE
- PROPOSED WELL BORE
- SUBJECT WELL BORE

DRILLING UNIT

Line Table		
Line #	Azimuth	Length
L1	325.409106	653.53
L2	325.409106	786.35
L3	359.336220	4624.15
L4	359.336220	5132.51



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: 540' From North Line Section 11  
2307' From East Line Section 11  
  
Latitude: N34.229207° (NAD 27)  
Longitude: W97.063083° (NAD 27)  
Latitude: N34.229301° (NAD 83)  
Longitude: W97.063374° (NAD 83)  
  
Ground Elev: 777.72  
  
Landing Point Location: 650' From South Line Section 2  
2160' From West Line Section 2  
  
Bottom Hole Location: 150' From North Line Section 35  
2160' From West Line Section 35  
  
Drilling Unit: Sections 2, T4S, R2E & 35, T3S, R2E

Operator: XTO Energy, Inc.  
Best Accessibility to Location: From Southeast

Distance & Direction from Hwy Jct or Town:  
From the Intersection of Hwy 177 and Ponderosa Rd. go West 4.7mi on Ponderosa Rd to Gene Autry Rd. then North 1.1mi to Access Rd. Well Location to the Southwest.

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  
EX. DATE: 31JAN20 C.O.A. NO. 6186



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

JOB NO: XTO/WP18/NAYLOR 2-11H2X35 DRAWN BY: LD  
DATE: 08/NOV/18 REV: E SCALE: 1" = 1,500' SHT NO. 1