

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

API NUMBER: 093 25209

Approval Date: 03/14/2019  
Expiration Date: 09/14/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 20N Rge: 13W County: MAJOR  
SPOT LOCATION:  NE  NW  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 230 1830

Lease Name: WILCOX Well No: 1-10H3X34 Well will be 230 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

CLINT WILCOX  
54198 S COUNTY RD 2487  
FAIRVIEW OK 73737

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8398	6	
2 WOODFORD	9023	7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808471  
201808473  
201808475  
201901682

Special Orders:

Total Depth: 18900 Ground Elevation: 1673 Surface Casing: 820 Depth to base of Treatable Water-Bearing FM: 570

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35563

Chlorides Max: 8000 Average: 5000

H. SEE MEMO

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 BED AQUIFER

Pit Location Formation: MARLOW

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 BED AQUIFER

Pit Location Formation: MARLOW

HORIZONTAL HOLE 1

Sec 34 Twp 21N Rge 13W County MAJOR

Spot Location of End Point: NE NW NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2001

Depth of Deviation: 7476

Radius of Turn: 477

Direction: 5

Total Length: 10676

Measured Total Depth: 18900

True Vertical Depth: 9025

End Point Location from Lease,  
Unit, or Property Line: 50

Notes:

Category

Description

HYDRAULIC FRACTURING

11/6/2018 - 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)

INTERMEDIATE CASING

11/6/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

11/6/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201808471

12/17/2018 - G58 - (1280)(HOR) 3-20N-13W & 34-21N-13W  
EST MSSP, WDFD  
COMPL. INT. (MSSP) NLT 660' FB  
COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL  
(COEXIST SP. ORDERS 94960 MISS; 288147 MSSLM; 82594/513091 UNCCR; 84563 UNCCR; 266736 MNNG; 378049/513091 MNNG; 285534 WDFD)  
REC 2/5/2019 (M. PORTER)

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.

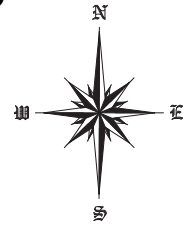
Category	Description
PENDING CD - 201808473	12/17/2018 - G58 - (I.O.) 3-20N-13W & 34-21N-13W X165:10-3-28(C)(2)(B) MSSP (WILCOX 1-10H3X34) WILL BE NCT 200' FROM THE LA WILCOX 1-3 WELL WILL BE NCT 200' FROM THE MAYCUMBER 3-34 WELL REC 2/6/2019 (M. PORTER)
PENDING CD - 201808475	12/17/2018 - G58 - (I.O.) 3-20N-13W & 34-21N-13W X201808471 MSSP, WDFD COMPL. INT. NCT 165' FSL, NCT 330' FWL OF 3-20N-13W; NCT 165' FNL, NCT 330' FEL OF 34-21N-13W NO OP. NAMED REC 2/6/2019 (M. PORTER)
PENDING CD - 201901682	3/14/2019 - G58 - (I.O.) 34-21N-13W X165:10-3-28(C)(2)(B) MSSP (WILCOX 1-10H3X34) WILL BE CLOSER THAN 600' TO THE NEUFELD B 1-34 WELL HEARING 4/8/2019 (OK'D PER HULLINGER - TECH MANAGER)

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.

# Wilcox 1-10H3X34

SECTION 10  
TOWNSHIP 20 NORTH, RANGE 13 WEST  
MAJOR COUNTY, OKLAHOMA

093-25209



OPERATOR:



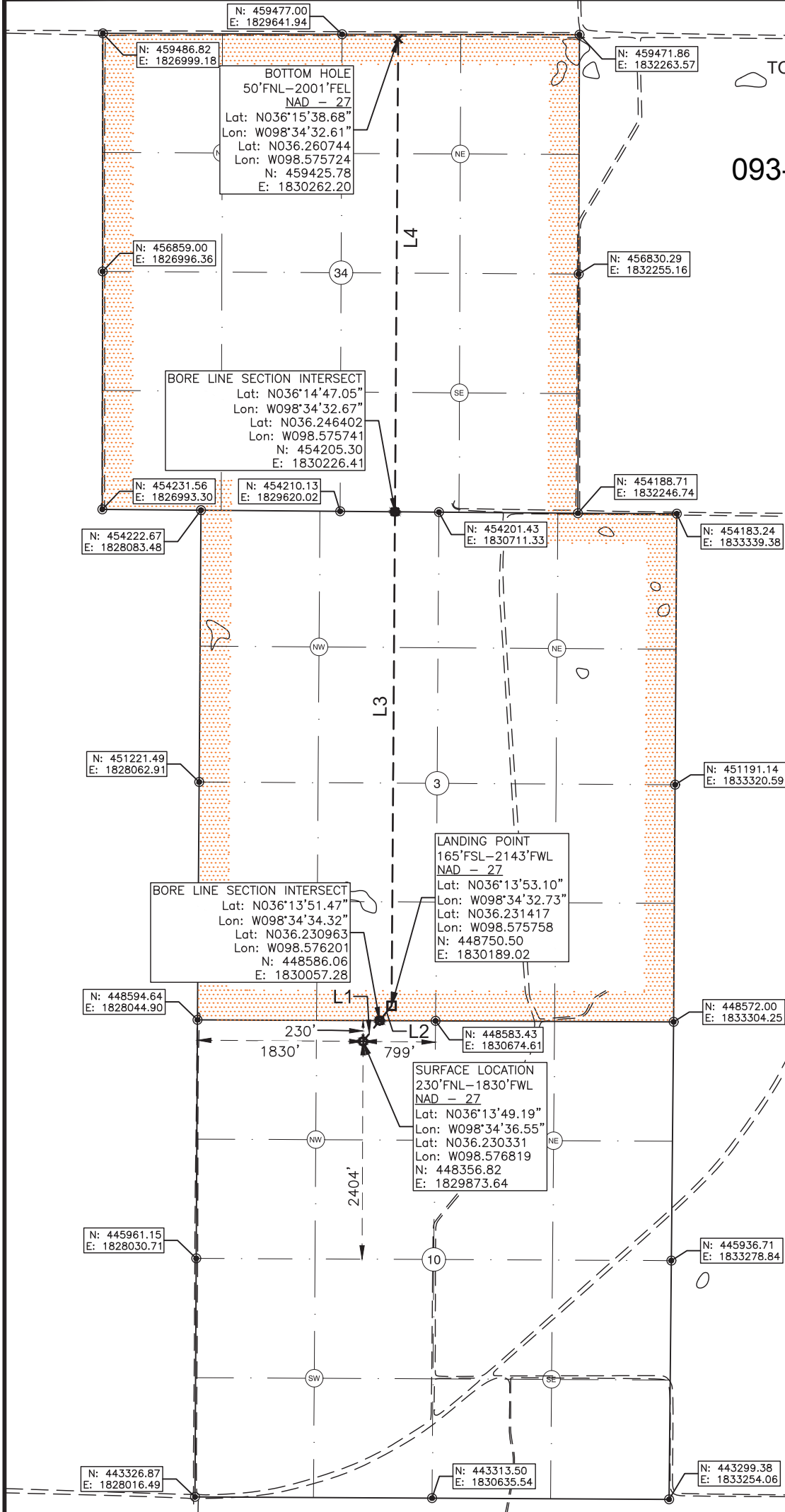
**LEGEND:**

- 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	038.698283	293.72
L2	038.698283	210.70
L3	000.392799	5454.93
L4	000.392799	5220.61



**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: 230' From North Line Section 10  
1830' From West Line Section 10

Latitude: N36.230331° (NAD 27)  
Longitude: W98.576819° (NAD 27)  
Latitude: N36.230367° (NAD 83)  
Longitude: W98.577179° (NAD 83)

Ground Elev: 1673.13

Landing Point Location: 165' From South Line Section 3  
2143' From West Line Section 3

Bottom Hole Location: 50' From North Line Section 34  
2001' From East Line Section 34

Drilling Unit: Sec 3, T20N, R13W / Sec 34, T21N, R13W

Operator: XTO Energy, Inc.

Best Accessibility to Location: From Northeast

Distance & Direction from Hwy Jct or Town:  
From the intersection of Hwy 60 and N2487 Rd., Go North on N2487 Rd. 0.9mi to Access Road. Well Location to the West.

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/WILCOX 1-10H3X34	DRAWN BY:	LD
DATE:	24/SEP/18	REV:	D
SCALE:	1" = 1,500'	SHT NO.:	1