

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

API NUMBER: 093 25186 A

Approval Date: 12/14/2018
Expiration Date: 06/14/2020

Horizontal Hole
Multi Unit

Oil & Gas

Amend reason: ORDERS, DEPTH AND BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 21N Rge: 14W

County: MAJOR

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 228 1280

Lease Name: MCKEE

Well No: 1-36H25X

Well will be 228 feet from nearest unit or lease boundary.

Operator XTO ENERGY INC
Name:

Telephone: 4053193208; 8178852

OTC/OCC Number: 21003 0

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

JERRY STEVE & DEBRA MCKEE
48815 S. COUNTY RD 247
FAIRVIEW OK 73737

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	8340	6	
2	WOODFORD	8485	7	
3			8	
4			9	
5			10	

Spacing Orders: 689049

Location Exception Orders: 691905

Increased Density Orders:

Pending CD Numbers: 201810465
201810514

Special Orders:

Total Depth: 18531

Ground Elevation: 1589

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 560

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: 8000 Average: 5000

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: DOG CREEK

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 18-35860

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 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: DOG CREEK

HORIZONTAL HOLE 1

Sec 25 Twp 21N Rge 14W County MAJOR

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 7164

Radius of Turn: 750

Direction: 5

Total Length: 10189

Measured Total Depth: 18531

True Vertical Depth: 8485

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

11/14/2018 - 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

11/14/2018 - 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; 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

LOCATION EXCEPTION - 691905

03/11/2019 - GA8 - (I.O.) 25 & 36-21N-14W
X689049 MSNLC, WDFD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL
XTO ENERGY INC.
2/22/2019

MEMO

11/14/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

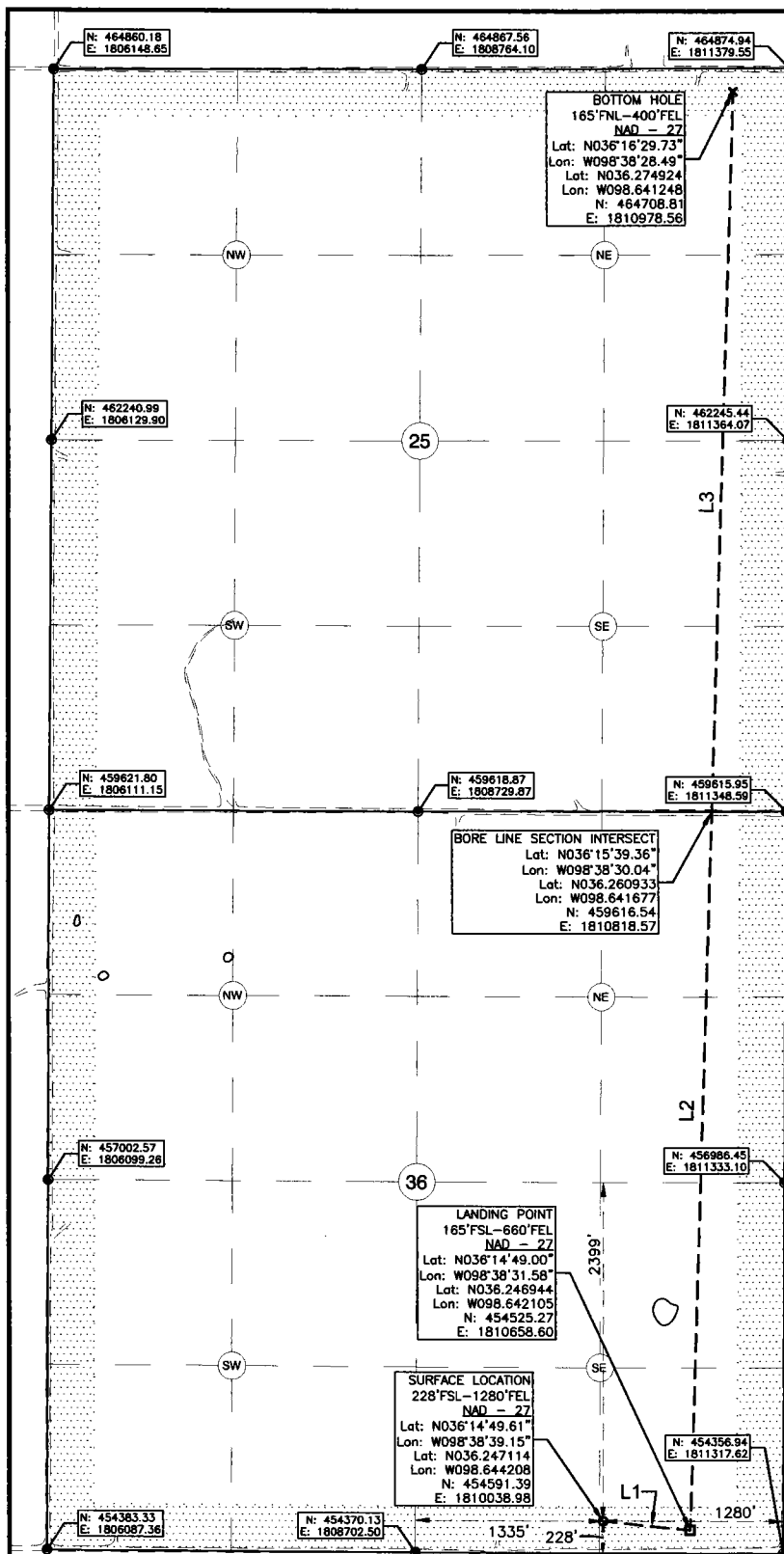
093 25186 MCKEE 1-36H25X

Category	Description
PENDING CD - 201810465	3/11/2019 - GA8 - (I.O.)25 & 36-21N-14W X165:10-3-28(C)(2)(B) MSNLC, WDFD (MCKEE 1-36H25X) MAY BE CLOSER THAN 600' TO CIMARRON 1-25 REC. 1/7/2019 (DENTON)
PENDING CD - 201810514	3/11/2019 - GA8 - (I.O.) 25 & 36-21N-14W X165:10-3-28(C)(2)(B) MSNLC, WDFD (MCKEE 1-36H25X) MAY BE CLOSER THAN 600' TO BURLISON 2-25 REC. 1/7/2019 (DENTON)
SPACING - 689049	03/11/2019 - GA8 - (1280)(HOR) 25 & 36-21N-14W EST MSNLC, WDFD POE TO BHL (MSNLC) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL, NLT 165' FSL, NLT 330' FEL, NLT 330' FWL (COEXIST SP. ORDER 115850 MSSSD; SP. ORDER 210298 MSSSD) 12/13/2018

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

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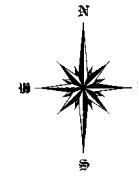
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.



McKEE 1-36H25X

SECTION 36
TOWNSHIP 21 NORTH, RANGE 14 WEST
MAJOR COUNTY, OKLAHOMA

35-093-25186 A



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	096.091591	623.14
L2	001.799594	5093.78
L3	001.799594	5094.79



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 legal boundaries. This survey was conducted using a total station with Survey Grade RTK GPS and WGS 84 datum, 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: 228' From South Line Section 36
1280' From East Line Section 36

Latitude: N36.247114° (NAD 27)
Longitude: W98.644208° (NAD 27)
Latitude: N36.247151° (NAD 83)
Longitude: W98.644570° (NAD 83)

Ground Elev: 1589.48

Landing Point Location: 165' From South Line Section 36
660' From East Line Section 36

Bottom Hole Location: 165' From North Line Section 25
400' From East Line Section 25

Drilling Unit: Section 25 & 36, T21N, R14W

Operator: XTO Energy, Inc.

Best Accessibility to Location: From South

Distance & Direction from Hwy Jct or Town:
From the intersection of State Highway 60 and County Road E0520, then West 5.8 mi. to County Rd N2450, then 1.0 mi to County Rd E0530, then 0.2 mi. 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
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/McKEE 1-36H25X DRAWN BY: LD
DATE: 11/DEC/18 REV: D SCALE: 1" = 1,000' SHT NO. 1