

API NUMBER: 085 21302 A

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

Approval Date: 04/11/2019
Expiration Date: 10/11/2020

Horizontal Hole Oil & Gas

Amend reason: SHL CHANGED AND UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 17 Township: 7S Range: 1E County: LOVE

SPOT LOCATION: ☐ SE ☐ NE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 797 167

Lease Name: MCCARTY Well No: 2-17H Well will be 167 feet from nearest unit or lease boundary.
Operator Name: XTO ENERGY INC Telephone: 4053193200; 8178852283 OTC/OCC Number: 21003 0

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

SHORT MCCARTY LIMITED FAMILY PARTNERSHIP
911 SOUTH WILSON AVENUE
BOZEMAN MT 59715

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

	Name	Code	Depth
1	CANEY	354CNEY	13489
2	WOODFORD	319WDFD	14712
3	HUNTON	269HNTN	14772

Spacing Orders: 625917

Location Exception Orders: 700288

Increased Density Orders: 697306

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 20900

Ground Elevation: 759

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 440

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36442
H. SEE MEMO

PIT 1 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: GOODLAND/WALNUT

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: GOODLAND/WALNUT

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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.

HORIZONTAL HOLE 1

Section: 17	Township: 7S	Range: 1E	Total Length: 5237
County: LOVE			Measured Total Depth: 20900
Spot Location of End Point: NW	NE	NE	NE
Feet From: NORTH	1/4 Section Line: 50		End Point Location from
Feet From: EAST	1/4 Section Line: 528		Lease, Unit, or Property Line: 50
True Vertical Depth: 14772			

NOTES:

Category	Description
DEEP SURFACE CASING	4/10/2019 - 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	4/10/2019 - 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: OCCWEB.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
INCREASED DENSITY - 697306 (201901962)	4/1/2020 - GC2 - 17-7S-1E X625917 WDFD 4 WELLS XTO ENERGY INC 6-6-2019
LOCATION EXCEPTION - 700288 (201901957)	4/1/2020 - GC2 - (I.O.) 17-7S-1E X625917 CNEY, WDFD, HNTN X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO THE MCCARTY 1-17H20X29 WELL COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL XTO ENERGY INC 8-5-2019
MEMO	4/10/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SHL	4/1/2020 - GC2 - SWAPPED SLOTS ON THE PAD WITH THE ROSE RANCH 1-17H16X21X28
SPACING - 625917	4/10/2019 - G58 - (640) 17-7S-1E EXT 260251/260983 CNEY, WDFD, HNTN, OTHER

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

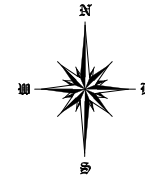
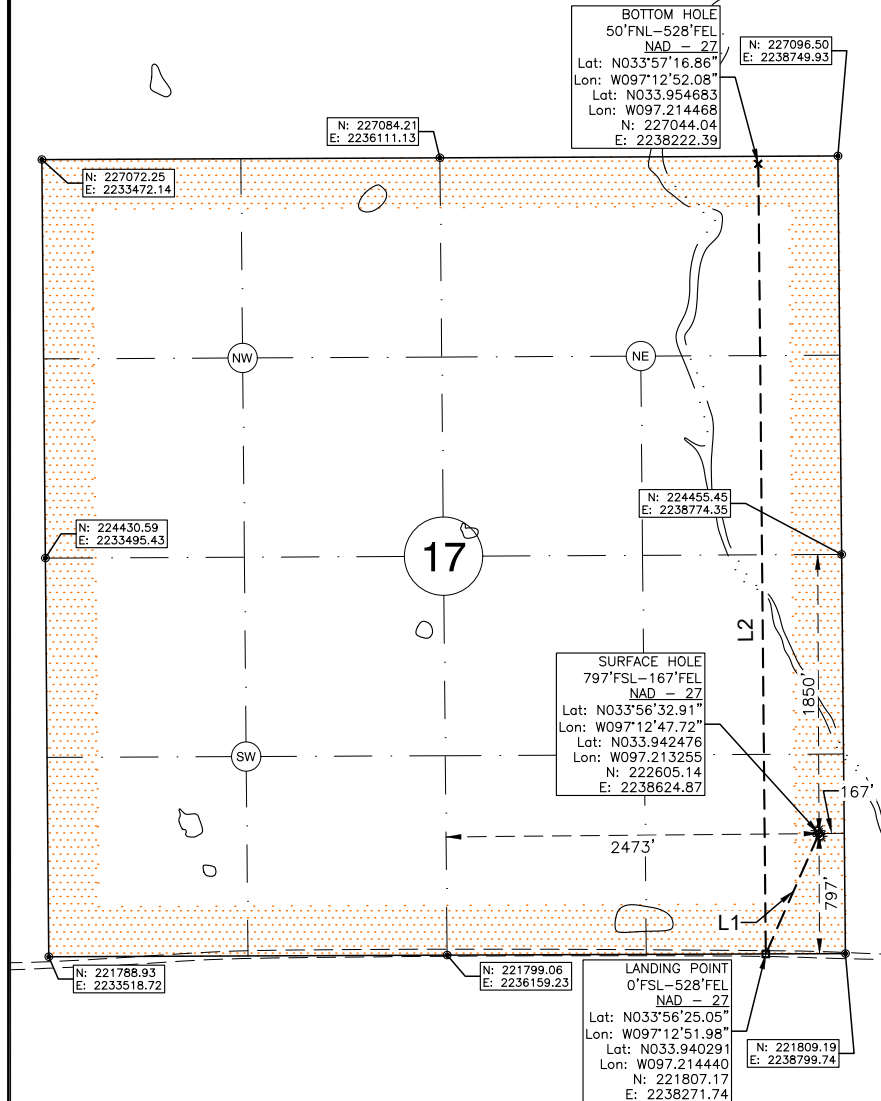
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

085 21302 MCCARTY 2-17H

API: 085-21302A

McCARTY 2-17H
SECTION 17
TOWNSHIP 7 SOUTH, RANGE 1 EAST
LOVE COUNTY, OKLAHOMA



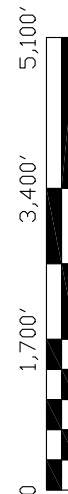
OPERATOR:



LEGEND:

- EXISTING WELL HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- PROPOSED LANDING POINT (LP)
- PROPOSED DIVERSION POINT
- 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	203.871463	872.62
L2	359.460144	5237.11



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: 797' From South Line Section 17
167' From East Line Section 17

Latitude: N33.942476° (NAD 27)
Longitude: W97.213255° (NAD 27)
Latitude: N33.942577° (NAD 83)
Longitude: W97.213547° (NAD 83)

Ground Elev: 759.58

Landing Point Location: 0' From South Line of Section 17
528' From East Line of Section 17

Bottom Hole Location: 50' From North Line Section 17
528' From East Line Section 17

Drilling Unit: Sec. 17, T7S, R1E

Operator: XTO Energy, Inc.

Best Accessibility to
Location: From North

Distance & Direction from
Hwy Jct or Town:
From the Intersection of
Hwy 32 and Interstate 35,
then West on Hwy 32
5.5mi to Existing Access
Rd. Well Location to the
South

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/WP19/McCARTY 2-17H	DRAWN BY:	LD
DATE: 03/JAN/20	REV: C	SCALE: 1" = 1,700'	SHT NO. 1