

API NUMBER: 085 21333

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

Approval Date: 08/12/2021
Expiration Date: 02/12/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 7S Range: 2E County: LOVE

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 245 340

Lease Name: MILLER Well No: 1-28H20X17X8R Well will be 245 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 PARKWAY
SPRING, TX 77389-1425

BOBBY REED JR & JEANETTE REED
10277 CEMETARY ROAD
MARIETTA OK 73448

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

	Name	Code	Depth
1	CANEY	354CNEY	16225
2	WOODFORD	319WDFD	16975
3	HUNTON	269HNTN	17125

Spacing Orders: 689064 Location Exception Orders: 699548 Increased Density Orders: No Density Orders
126835
698976
697687

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 29110 Ground Elevation: 857 Surface Casing: 140 Depth to base of Treatable Water-Bearing FM: 90

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: 21-37767

H. (Other) 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? Y

Wellhead Protection Area? Y

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: BOKCHITO

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? Y

Wellhead Protection Area? Y

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: BOKCHITO

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.

MULTI UNIT HOLE 1

Section: 8	Township: 7S	Range: 2E	Meridian: IM	Total Length: 11886
County: LOVE				Measured Total Depth: 29110
Spot Location of End Point: SW	SE	NE	SE	True Vertical Depth: 17125
Feet From: SOUTH	1/4 Section Line: 1500			End Point Location from
Feet From: EAST	1/4 Section Line: 628			Lease, Unit, or Property Line: 528

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[8/11/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
LOCATION EXCEPTION - 699548	<p>8/12/2021 - G56 - (I.O.) 8,17 & 20-7S-2E X126835 CNEY 17 & 20-7S-2E X689064 WDFD, HNTN 17 & 20-7S-2E X698976 CNEY, WDFD, HNTN 8-7S-2E SHL (28-7S-2E) 265' FNL, 310' FWL** COMPL INT (20-7S-2E) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (17-7S-2E) NCT 0' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (8-7S-2E) NCT 0' FSL, NCT 1500' FSL, NCT 330' FEL XTO ENERGY INC 7/23/2019</p> <p>** S/B SHL 245' FNL, 290' FWL 28-7S-2E; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR</p>
MEMO	12/30/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PUBLIC WATER SUPPLY WELL	12/30/2018 - G71 - MARIETTA - 1 PWS/WPA, NE/4 20-7S-2E
SPACING - 126835	8/12/2021 - G56 - (640) 17 & 20-7S-2E EST CNEY, OTHERS
SPACING - 689064	8/12/2021 - G56 - (640) 17 & 20-7S-2E EXT 636867 WDFD, HNTN
SPACING - 698976	8/12/2021 - G56 - (640) 8-7S-2E EXT 687807 CNEY, WDFD, HNTN
SPACING - 702256	<p>8/12/2021 - G56 - (I.O.) 8,17 & 20-7S-2E EST. MULTIUNIT HORIZONTAL WELL X126835 CNEY 17 & 20-7S-2E X689064 WDFD, HNTN 17 & 20-7S-2E X698976 CNEY, HNTN, WDFD 8-7S-2E (CNEY, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 43.02% 20-7S-2E 44.37% 17-7S-2E 12.61% 8-7S-2E XTO ENERGY INC. 8/16/2019</p>

MILLER 1-28H20X17X8R

SECTION 28
TOWNSHIP 7 SOUTH, RANGE 2 EAST
LOVE COUNTY, OKLAHOMA

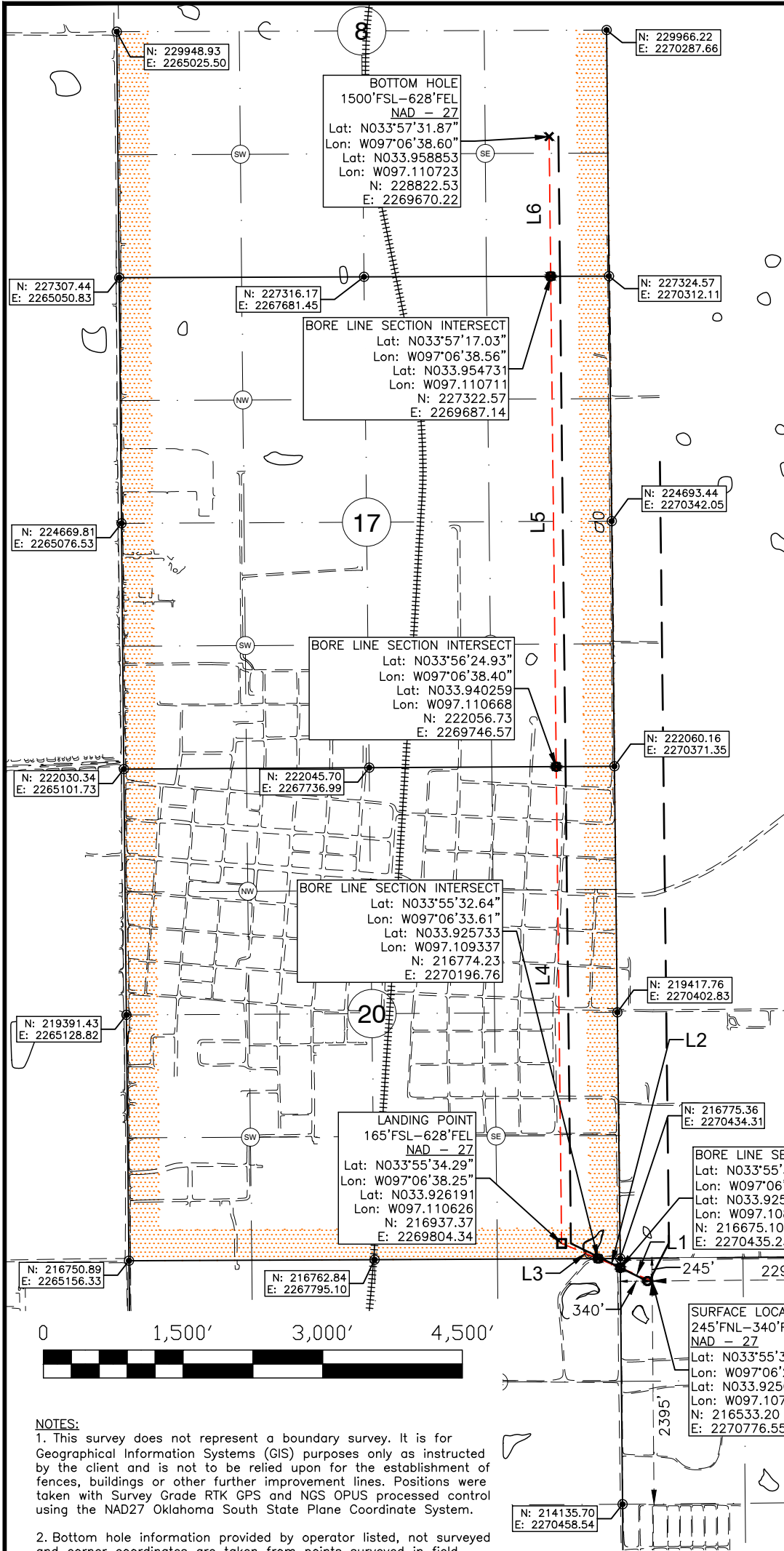


OPERATOR:
XTO
ENERGY
a subsidiary of Exxon Mobil

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	292.573793	369.64
L2	292.573793	258.26
L3	292.573793	424.98
L4	359.353458	5119.69
L5	359.353458	5266.18
L6	359.353458	1500.05



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: 245' From North Line Section 28
340' From West Line Section 28

Latitude: N33.925056° (NAD 27)
Longitude: W97.107433° (NAD 27)
Latitude: N33.925157° (NAD 83)
Longitude: W97.107723° (NAD 83)

Ground Elev: 857.43

Landing Point Location: 165' From South Line Section 20
628' From East Line Section 20

Bottom Hole Location: 1500' From South Line Section 8
628' From East Line Section 8

Drilling Unit: Sections 8,17 & 20, T7S, R2E

Operator: XTO Energy, Inc.

Best Accessibility to Location: From West

Distance & Direction from Hwy Jct or Town:
From the Intersection of Hwy 77 and W Main St in Marietta, OK., then East on W. Main St 0.6mi to Ashwood Ave., then South 0.4mi to Oak St., then East 0.4mi. to Cemetery Rd, then South 0.3mi to Access Rd. Well Location to the East.

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: 31JAN22 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/WP21/MILLER 1-28H20X17X8R DRAWN BY: LD
DATE: 06/AUG/21 REV: A SCALE: 1" = 1,500' SHT NO. 1