

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

API NUMBER: 095 20673

Approval Date: 01/23/2019

Expiration Date: 07/23/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 4S Rge: 5E

County: MARSHALL

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 270 1118

Lease Name: DRD

Well No: 1-34H26X25

Well will be 270 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

ROBERT & HOLLY WINFORD
2630 EAST 67TH STREET
TULSA OK 74136

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

	Name	Depth	Name	Depth
1	SYCAMORE	7020	6	
2	WOODFORD	7125	7	
3	HUNTON	7339	8	
4			9	
5			10	

Spacing Orders: 434368

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900338
201900340
201900341
201900342
201900343

Special Orders:

Total Depth: 18500

Ground Elevation: 796

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 430

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 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: 19-36111

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 25 Twp 4S Rge 5E County JOHNSTON

Spot Location of End Point: NE SE SE SE

Feet From: SOUTH 1/4 Section Line: 400

Feet From: EAST 1/4 Section Line: 1

Depth of Deviation: 6677

Radius of Turn: 900

Direction: 85

Total Length: 10409

Measured Total Depth: 18500

True Vertical Depth: 7339

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

1/16/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

1/16/2019 - 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: 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

MEMO

1/16/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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095 20673 DRD 1-34H26X25

Category	Description
PENDING CD - 201900338	1/22/2019 - G75 - (E.O.)(640)(HOR) 26-4S-5E EXT OTHER EXT 558774 WDFD EST SCMR, HNTN, OTHERS POE TO BHL (SCMR, HNTN) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER # 408107/529423 SCMR, WDFD, HNTN) XTO ENERGY INC. REC 1-22-2019 (M. PORTER)
PENDING CD - 201900340	1/22/2019 - G75 - (E.O.) 26 & 25-4S-5E EST MULTIUNIT HORIZONTAL WELL X201900338 SCMR, WDFD, HNTN 26-4S-5E X434368/201900342 SCMR, WDFD, HNTN 25-4S-5E (SCMR, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 49.2% 26-4S-5E 50.8% 25-4S-5E XTO ENERGY, INC. REC 1-22-2019 (M. PORTER)
PENDING CD - 201900341	1/22/2019 - G75 - (E.O.) X201900338 SCMR, WDFD, HNTN 26-4S-5E X434368/201900342 SCMR, WDFD, HNTN 25-4S-5E SHL (34-4S-5E) 270' FNL, 1118' FEL COMPL. INT. (26-4S-5E) NCT 330' FSL, NCT 165' FWL, NCT 0' FEL COMPL. INT. (25-4S-5E) NCT 330' FSL, NCT 0' FWL, NCT 165' FEL XTO ENERGY, INC. REC 1-22-2019 (M. PORTER)
PENDING CD - 201900342	1/22/2019 - G75 - (E.O.)(640) 25-4S-5E CLARIFY 408107 TO VAC 267332 SCMR, WDFD, HNTN CONFRIM 434368 SCMR, WDFD, HNTN REC 1-22-2019 (M. PORTER)
PENDING CD - 201900343	1/22/2019 - G75 - (E.O.) 25-4S-5E X434368/201900342 WDFD 1 WELL XTO ENERGY, INC. REC 1-22-2019 (M. PORTER)
SPACING - 434368	1/22/2019 - G75 - (640/480) 25-4S-5E VAC OTHERS VAC 242033 SCMR, WDFD, HNTN, OTHERS 24 & 25-4S-5E VAC 408107 SCMR, WDFD, HNTN S2 S2 24 & N2 N2 25, S2 N2 & S2 25-4S-5E EST (480) OTHERS EST (640) SCMR, WDFD, HNTN, OTHERS

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DRD 1-34H26X25

SECTION 34

TOWNSHIP 4 SOUTH, RANGE 5 EAST
MARSHALL COUNTY, OKLAHOMA

API 095-20673



OPERATOR:



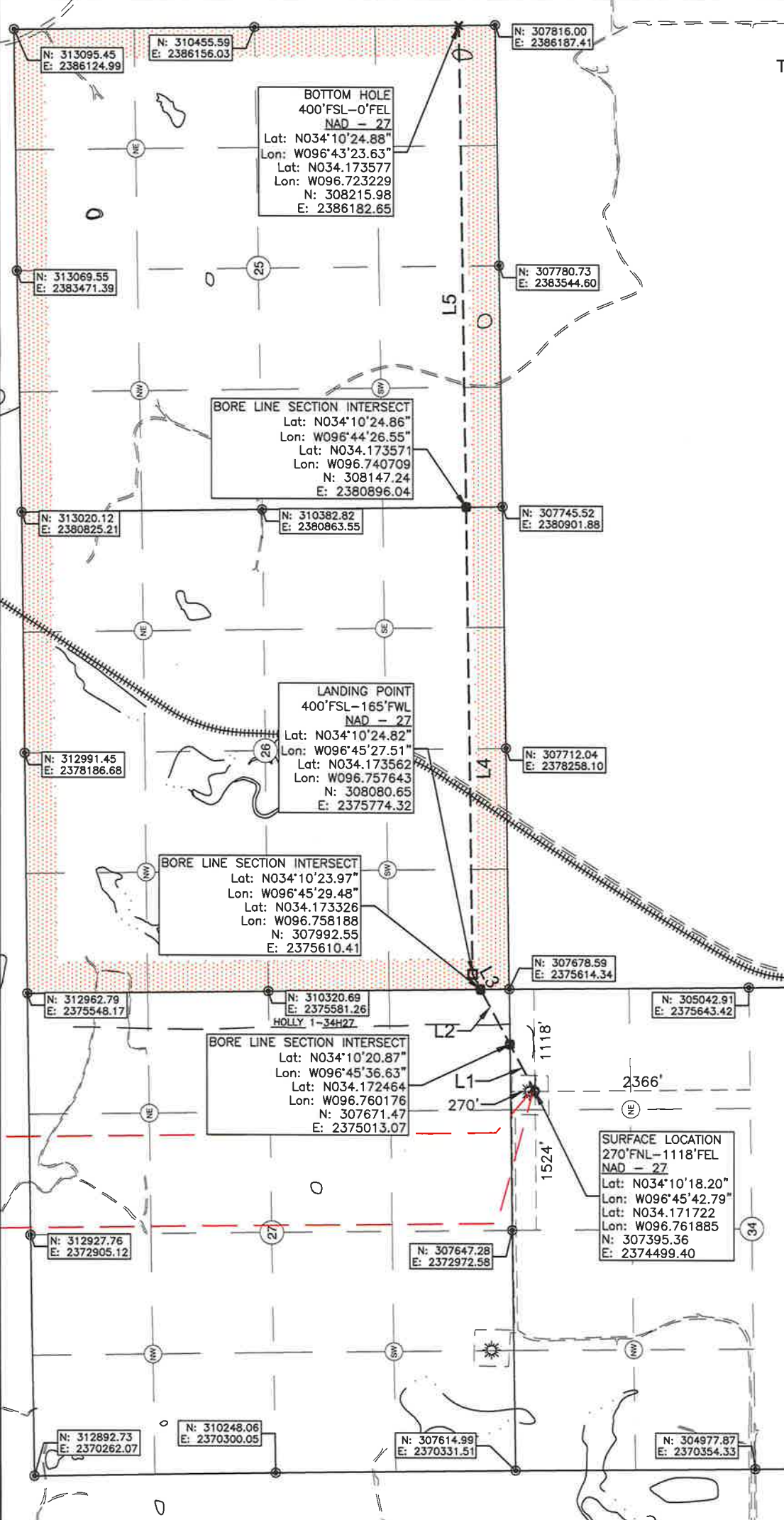
LEGEND:

- 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	061.741202	583.18
L2	061.741202	678.16
L3	061.741202	186.09
L4	089.255099	5122.15
L5	089.255099	5287.06



- NOTES:
- 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 RIK GPS and NGS OPUS processed control using the NAD27 Oklahoma South State Plane Coordinate System.
 - Bottom hole information provided by operator listed, not surveyed and corner coordinates are taken from points surveyed in field.



Surface Hole Location: 270' From North Line Section 34
1118' From East Line Section 34

Latitude: N34.171722° (NAD 27)
Longitude: W96.761885° (NAD 27)
Latitude: N34.171818° (NAD 83)
Longitude: W96.762166° (NAD 83)

Ground Elev: 795.71

Landing Point Location: 400' From South Line Section 26
165' From West Line Section 26

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

Drilling Unit: Section 25, & 26 T4S, R5E

Operator: XTO Energy, Inc.

Best Accessibility to
Location: From West.

Distance & Direction from
Hwy Jct or Town:
From the Intersection of
Hwy 177 and Pettijohn
Springs Rd, go North on
Pettijohn Springs Rd
3.3mi. to Winford Rd.
Then East 0.2mi to
Existing Access Rd. Well
Location to the Northeast.

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/WP14/DRD 1-34H26X25 DRAWN BY: LD
DATE: 19/JUN/18 REV: A SCALE: 1" = 1,500' SHT NO. 1