

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

API NUMBER: 095 20671

Approval Date: 01/16/2019

Expiration Date: 07/16/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 4S Rge: 5E County: MARSHALL
SPOT LOCATION: ☐ NE ☐ SE ☐ SE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 2250 2505

Lease Name: BELL Well No: 3-33H34X35 Well will be 2250 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

JACKSON & PATRICIA BELL
23368 PETTIJOHN SPRINGS RD
MADILL OK 73446

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

	Name	Depth	Name	Depth
1	SYCAMORE	8273	6	
2	WOODFORD	8447	7	
3	HUNTON	8918	8	
4			9	
5			10	

Spacing Orders: 583313 Location Exception Orders: 688256 Increased Density Orders: 688792
533420 688793
688253 688794

Pending CD Numbers:

Special Orders:

Total Depth: 21500 Ground Elevation: 727 Surface Casing: 1990 Depth to base of Treatable Water-Bearing FM: 410

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35240
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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 35 Twp 4S Rge 5E County MARSHALL

Spot Location of End Point: NE NE NE SE

Feet From: SOUTH 1/4 Section Line: 2512

Feet From: EAST 1/4 Section Line: 1

Depth of Deviation: 7151

Radius of Turn: 1000

Direction: 95

Total Length: 12778

Measured Total Depth: 21500

True Vertical Depth: 8918

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

Notes:

Category

Description

DEEP SURFACE CASING

12/6/2018 - 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

12/6/2018 - G71 - 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

INCREASED DENSITY - 688792

1/15/2019 - GB1 - (E.O.) 33-4S-5E
X583313 WDFD
3 WELLS
XTO ENERGY INC.
12/21/2018

INCREASED DENSITY - 688793

1/15/2019 - GB1 - (E.O.) 34-4S-5E
X533420/536299 WDFD
3 WELLS
XTO ENERGY INC.
12/21/2018

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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.

095 20671 BELL 3-33H34X35

Category	Description
INCREASED DENSITY - 688794	1/15/2019 - GB1 - (E.O.) 35-4S-5E X533420/536299 WDFD 3 WELLS XTO ENERGY INC. 12/21/2018
LOCATION EXCEPTION - 688256	1/15/2019 - GB1 - (E.O.) 33, 34, & 35-4S-5E X583313 SCMR, WDFD, HNTN 33-4S-5E X533420/536299 SCMR, WDFD, HNTN 34 & 35-4S-5E COMPL. INT. (33-4S-5E) NCT 2415' FNL, NCT 165' FWL, NCT 0' FEL COMPL. INT. (34-4S-5E) NCT 2415' FNL, NCT 0' FWL, NCT 0' FEL COMPL. INT. (35-4S-5E) NCT 2415' FNL, NCT 0' FWL, NCT 165' FEL XTO ENERGY INC. 12/13/2018
MEMO	12/6/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 533420	1/15/2019 - GB1 - (640) 34 & 35-4S-5E EXT OTHERS VAC 242033 SCMR, WDFD, HNTN, OTHERS EXT 434368 SCMR, WDFD, HNTN, OTHERS
SPACING - 536299	1/15/2019 - GB1 - NPT TO CORRECT PARAGRAPH 6.2 OF SP. 533420 TO CORRECT DEPTH OF DKH
SPACING - 583313	1/15/2019 - GB1 - (640) 33-4S-5E EST OTHER EXT 533420/536299 SCMR, WDFD, HNTN, OTHERS
SPACING - 688253	1/15/2019 - GB1 - (E.O.) 33, 34, & 35-4S-5E EST MULTIUNIT HORIZONTAL WELL X583313 SCMR, WDFD, HNTN 33-4S-5E X533420/536299 SCMR, WDFD, HNTN 34 & 35-4S-5E (SCMR & HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 17.2% 33-4S-5E 41.4% 34-4S-5E 41.4% 35-4S-5E XTO ENERGY INC. 12/13/2018

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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.

N: 307745.52
E: 2380901.88

N: 305108.10
E: 2380931.64

N: 302470.69
E: 2380961.41

Bell 3-33H34X35

SECTION 33

TOWNSHIP 4 SOUTH, RANGE 5 EAST
MARSHALL COUNTY, OKLAHOMA

35-095-20671



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	130.573444	783.98
L2	089.282489	2200.00
L3	089.282489	5289.32
L4	089.282489	5288.63



- 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 RTK 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.

BOTTOM HOLE
2512'FSL-0'FEL
NAD - 27
Lat: N034°09'53.55"
Lon: W096°44'26.58"
Lat: N034.164874
Lon: W096.740717
N: 304982.54
E: 2380933.06

BORE LINE SECTION INTERSECT
Lat: N034°09'53.54"
Lon: W096°45'29.52"
Lat: N034.164872
Lon: W096.758199
N: 304916.31
E: 2375644.85

BORE LINE SECTION INTERSECT
Lat: N034°09'53.52"
Lon: W096°46'32.46"
Lat: N034.164867
Lon: W096.775684
N: 304850.07
E: 2370355.94

LANDING POINT
2512'FSL-2200'FEL
NAD - 27
Lat: N034°09'53.51"
Lon: W096°46'58.64"
Lat: N034.164865
Lon: W096.782957
N: 304822.52
E: 2368156.11

SURFACE LOCATION
2250'FNL-2505'FWL
NAD - 27
Lat: N034°09'58.63"
Lon: W096°47'05.66"
Lat: N034.166286
Lon: W096.784905
N: 305332.44
E: 2367560.62

Surface Hole Location: 2250' From North Line Section 33
2505' From West Line Section 33

Latitude: N34.166286° (NAD 27)
Longitude: W96.784905° (NAD 27)
Latitude: N34.166382° (NAD 83)
Longitude: W96.785185° (NAD 83)

Ground Elev: 726.56

Landing Point Location: 2512' From South Line Section 33
2200' From East Line Section 33

Bottom Hole Location: 2512' From South Line Section 35
0' From East Line Section 35

Drilling Unit: Section 33,34, & 35 T4S, R5E

Operator: XTO Energy, Inc.

Best Accessibility to
Location: From South.

Distance & Direction from
Hwy Jct or Town:
From the Intersection of
Hwy 177 and Pettijohn
Springs Rd, go North on
Pettijohn Springs Rd
3.5mi. to New 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/BELL 3-33H34X35 DRAWN BY: LD
DATE:01/OCT/18 REV: C SCALE: 1" = 1,500' SHT NO. 1