

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

API NUMBER: 095 20683

Approval Date: 06/14/2019  
Expiration Date: 12/14/2020

Horizontal Hole Oil & Gas  
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 4S Rge: 6E County: MARSHALL  
SPOT LOCATION:  NE  SW  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 955 742

Lease Name: GILMORE Well No: 4-31H32X33 Well will be 742 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

WASHITA VALLEY SPORTSMAN CORP  
P.O. BOX 26788  
OKLAHOMA CITY OK 73126

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

	Name	Depth	Name	Depth
1	SYCAMORE	6436	6	
2	WOODFORD	6732	7	
3	HUNTON	6916	8	
4			9	
5			10	

Spacing Orders: 602199  
600952

Location Exception Orders:

Increased Density Orders: 695224  
695226

Pending CD Numbers: 201901500  
201901495

Special Orders:

Total Depth: 18048

Ground Elevation: 765

**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

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: GOODLAND/WALNUT

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36372

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 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

HORIZONTAL HOLE 1

Sec 33 Twp 4S Rge 6E County MARSHALL

Spot Location of End Point: SE NE SE NE

Feet From: NORTH 1/4 Section Line: 1680

Feet From: EAST 1/4 Section Line: 50

Depth of Deviation: 6288

Radius of Turn: 900

Direction: 94

Total Length: 10346

Measured Total Depth: 18048

True Vertical Depth: 6916

End Point Location from Lease,  
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

6/5/2019 - 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

6/5/2019 - 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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 695224

6/13/2019 - G56 - 32-4S-6E  
X602199 WDFD  
4 WELLS  
XTO ENERGY INC.  
4/25/2019

INCREASED DENSITY - 695226

6/13/2019 - G56 - 33-4S-6E  
X600952 WDFD  
4 WELLS  
XTO ENERGY INC.  
4/25/2019

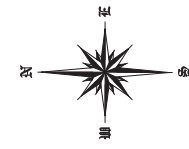
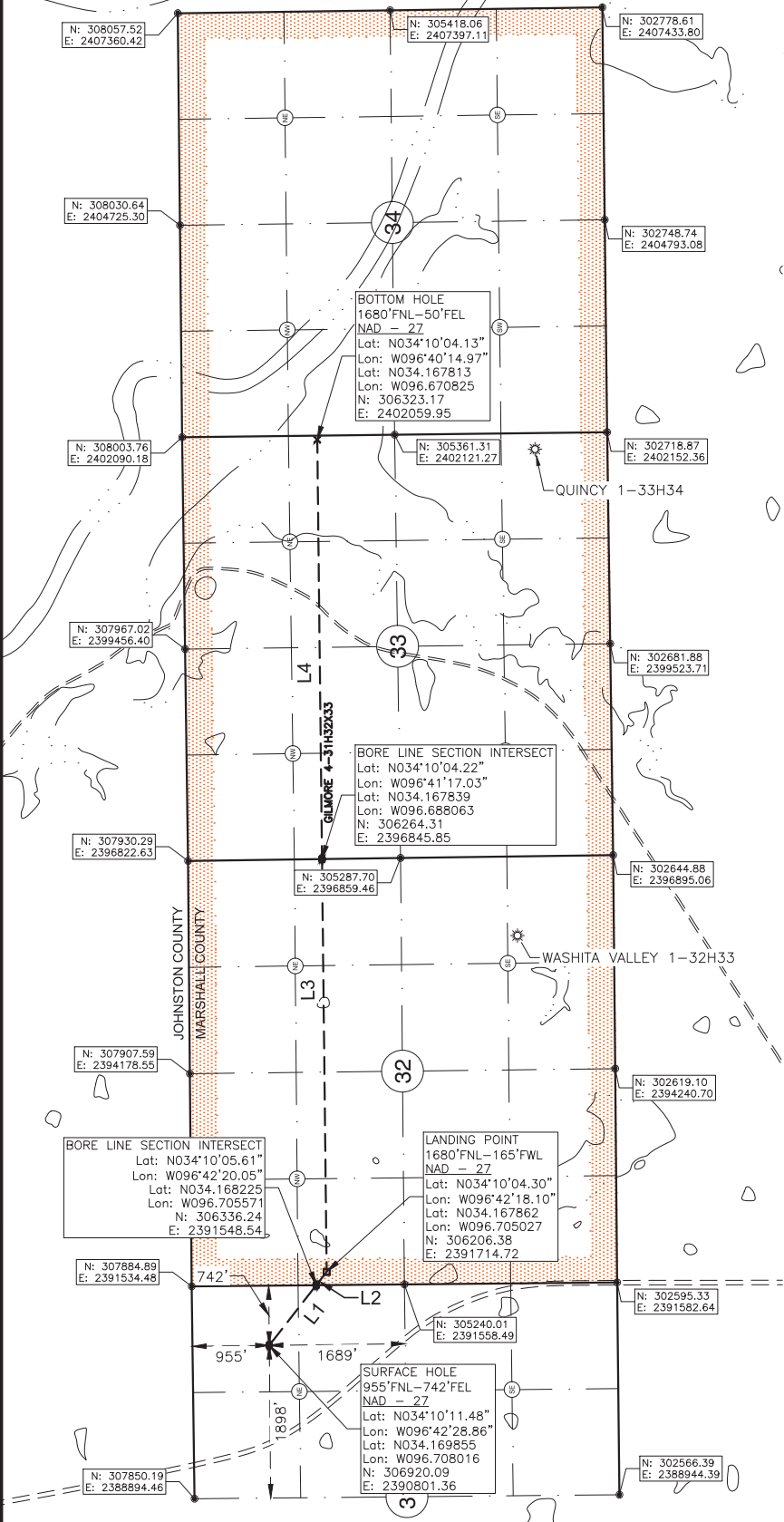
This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
MEMO	6/5/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201901495	6/13/2019 - G56 - (I.O.) 32, 33-4S-6E ESTABLISH MULTIUNIT HORIZONTAL WELL X602199 SCMR, WDFD, HNTN 32-4S-6E X600952 SCMR, WDFD, HNTN 33-4S-6E (SCMR, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 49.6% 32-4S-6E 50.4% 33-4S-6E XTO ENERGY INC. REC 4/1/2019 (M. PORTER)
PENDING CD - 201901500	6/13/2019 - G56 - (I.O.) 32, 33-4S-6E X602199 SCMR, WDFD, HNTN 32-4S-6E X600952 SCMR, WDFD, HNTN 33-4S-6E COMPL INT (32-4S-6E) NCT 1500' FNL, NCT 165' FWL, NCT 0' FEL COMPL INT (33-4S-6E) NCT 1500' FNL, NCT 0' FWL, NCT 165' FEL NO OP NAMED REC 4/1/2019 (M. PORTER)
SPACING - 600952	6/13/2019 - G56 - (640) 33-4S-6E EST OTHERS EXT 592373 SCMR, WDFD, HNTN
SPACING - 602199	6/13/2019 - G56 - (640) 32-4S-6E EXT OTHER EXT 600952 SCMR, WDFD, HNTN

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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.

**Gilmore 4-31H32X33**

SECTION 31  
TOWNSHIP 4 SOUTH, RANGE 6 EAST  
MARSHALL COUNTY, OKLAHOMA



- 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	128.004510	948.24
L2	128.004510	210.91
L3	089.353170	5131.45
L4	089.353170	5214.43



**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.

**Surface Hole Location:** 955' From North Line Section 31  
742' From East Line Section 31

Latitude: N34.169855° (NAD 27)  
Longitude: W96.708016° (NAD 27)  
Latitude: N34.169951° (NAD 83)  
Longitude: W96.708296° (NAD 83)

Ground Elev: 764.36

**Landing Point Location:** 1680' From North Line of Section 32  
165' From West Line of Section 32

**Bottom Hole Location:** 1680' From North Line Section 33  
50' From East Line Section 33

**Drilling Unit:** Sec. 32, 33, T4S,R6E

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.

Operator: XTO Energy, Inc.

Best Accessibility to Location: From West

Distance & Direction from Hwy Jct or Town:  
From the intersection of HWY 70 and HWY 99 in Madill, OK., then Northeast on HWY 99 7.0mi to Existing Access Rd. Well Location to the East.

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/GILMORE 4-31H32X33	DRAWN BY:	LD
DATE:	04/JUN/19	REV:	D
SCALE:	1" = 1,700'	SHT NO.:	1