

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

API NUMBER: 069 20192

Approval Date: 01/15/2019

Expiration Date: 07/15/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 4S Rge: 5E

County: JOHNSTON

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 245 1346

Lease Name: WINFORD

Well No: 2-27H22X

Well will be 245 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 ST  
TULSA OK 74136

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

	Name	Depth	Name	Depth
1	SYCAMORE	7660	6	
2	WOODFORD	7826	7	
3	HUNTON	8005	8	
4			9	
5			10	

Spacing Orders: 558774  
583819

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808720  
201808736  
201808731  
201808728  
201808729

Special Orders:

Total Depth: 18850

Ground Elevation: 805

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 350

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: 18-35831

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 22 Twp 4S Rge 5E County JOHNSTON

Spot Location of End Point: NE NW NE NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 1680

Depth of Deviation: 7200

Radius of Turn: 794

Direction: 1

Total Length: 10402

Measured Total Depth: 18850

True Vertical Depth: 8005

End Point Location from Lease,  
Unit, or Property Line: 0

Notes:

Category

Description

DEEP SURFACE CASING

12/29/2018 - 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

12/29/2018 - 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)

MEMO

12/29/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201808728

1/9/2019 - G56 - 22-4S-5E  
X558774 WDFD  
3 WELLS  
NO OP NAMED  
REC 12/3/2018 (JOHNSON)

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.

069 20192 WINFORD 2-27H22X

Category	Description
PENDING CD - 201808729	1/9/2019 - G56 - 27-4S-5E X583819 WDFD 3 WELLS NO OP NAMED REC 12/3/2018 (JOHNSON)
PENDING CD - 201808731	1/9/2019 - G56 - (I.O.) 22 & 27-4S-5E ESTABLISH MULTIUNIT HORIZONTAL WELL X201808720 SCMR, HNTN 22-4S-5E X558774 WDFD 22-4S-5E X583819 SCMR, WDFD, HNTN 27-4S-5E (SCMR, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 51% 22-4S-5E 49% 27-4S-5E NO OP NAMED REC 12/3/2018 (JOHNSON)
PENDING CD - 201808736	1/9/2019 - G56 - (I.O.) 22 & 27-4S-5E X201808720 SCMR, HNTN 22-4S-5E X558774 WDFD 22-4S-5E X583819 SCMR, WDFD, HNTN 27-4S-5E COMPL INT (27-4S-5E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL COMPL INT (22-4S-5E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP NAMED REC 12/3/2018 (JOHNSON)
PENDING CD - 201900307	1/15/2019 - G56 - NPT TO CLARIFY SP # 408107 VACATING SP # 242033 IN 22 & 27-4S-5E, CLARIFY SP # 583819 TO VACATE SP # 408107, CLARIFY SP # 689125 TO VACATE SP # 408107 HEARING 2/4/2019
SPACING - 558774	1/9/2019 - G56 - (640)(HOR) 22-4S-5E EST WDFD POE TO BHL NLT 660' FB
SPACING - 583819	1/9/2019 - G56 - (640) 27-4S-5E VAC OTHER VAC 242033/408107 SCMR, WDFD, HNTN, OTHER EXT 557092 SCMR, WDFD, HNTN, OTHERS
SPACING - 689125	1/9/2019 - G56 - (640) 22-4S-5E EXT 583819 SCMR, HNTN VAC 242033/408107 SCMR, HNTN

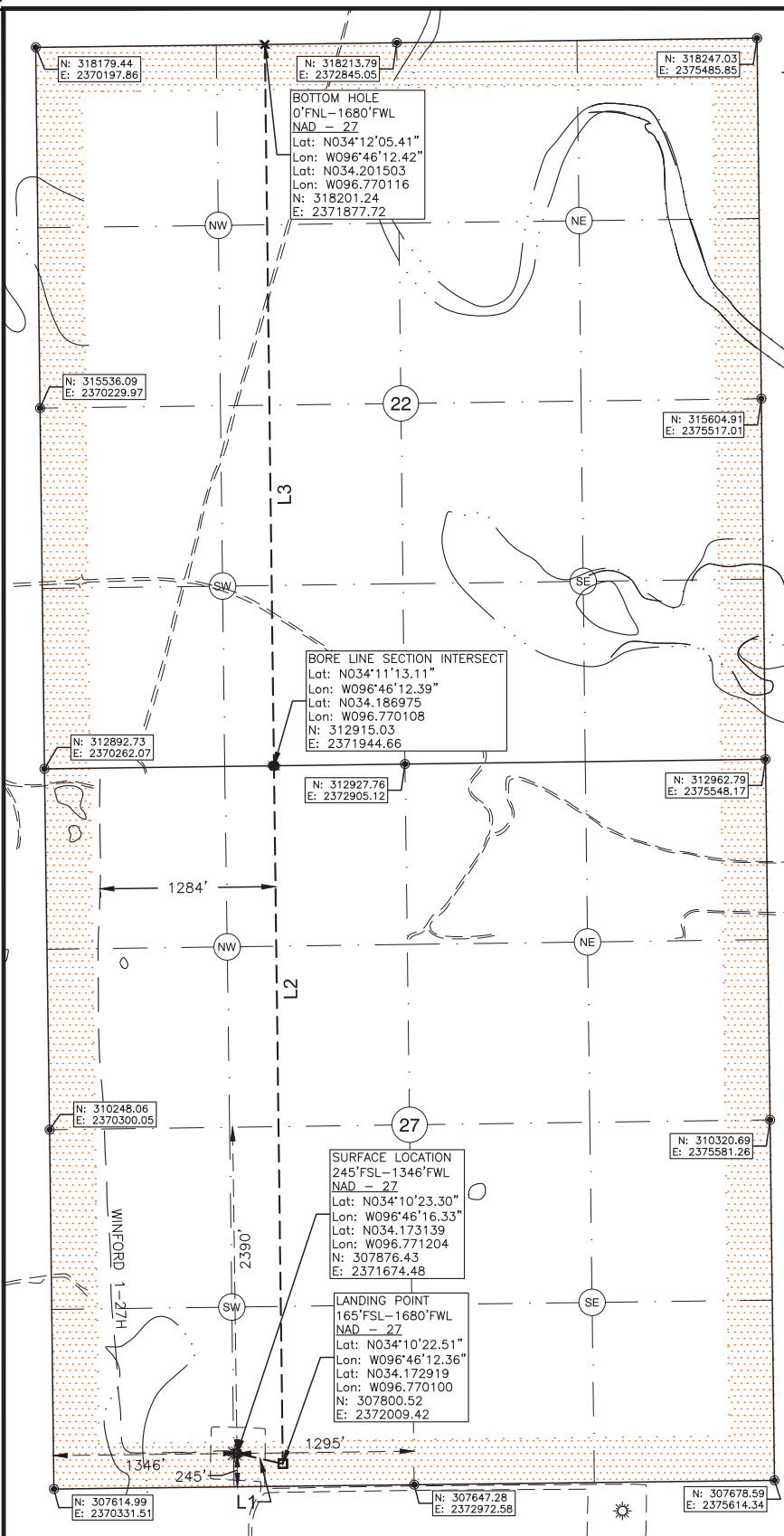
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## WINFORD 2-27H22X

SECTION 27

TOWNSHIP 4 SOUTH, RANGE 5 EAST  
JOHNSTON COUNTY, OKLAHOMA

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	102.770254	343.43
L2	359.274570	5114.93
L3	359.274570	5286.63



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.

Surface Hole Location: 245' From South Line Section 27  
1346' From West Line Section 27

Latitude: N34.173139° (NAD 27)  
Longitude: W96.771204° (NAD 27)  
Latitude: N34.173235° (NAD 83)  
Longitude: W96.771486° (NAD 83)

Ground Elev: 804.82

Landing Point Location: 165' From South Line Section 27  
1680' From West Line Section 27

Bottom Hole Location: 0' From North Line Section 22  
1680' From West Line Section 22

Drilling Unit: Section 22, & 27 T4S, R5E

Operator: XTO Energy, Inc.

Best Accessibility to  
Location: From Southeast.

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/WINFORD 2-27H22X DRAWN BY: LD  
DATE: 19/JUN/18 REV: A SCALE: 1" = 1,000' SHT NO. 1