

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

API NUMBER: 019 26331

Approval Date: 07/17/2019

Expiration Date: 01/17/2021

Horizontal Hole  
Oil & Gas  
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 3S Rge: 3E

County: CARTER

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 2308 1064

Lease Name: ALBERT

Well No: 5-29H20X17

Well will be 1064 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

ALBERT R. JOHNSON  
12 G STREET NE  
ARDMORE OK 73401

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

|   | Name     | Depth | Name | Depth |
|---|----------|-------|------|-------|
| 1 | SYCAMORE | 11668 | 6    |       |
| 2 | WOODFORD | 12014 | 7    |       |
| 3 | HUNTON   | 12218 | 8    |       |
| 4 |          |       | 9    |       |
| 5 |          |       | 10   |       |

Spacing Orders: 142014  
238746  
199785

Location Exception Orders:

Increased Density Orders: 698414  
698415  
698416

Pending CD Numbers: 201902828  
201902822

Special Orders:

Total Depth: 24343 Ground Elevation: 712

**Surface Casing: 1990**

Depth to base of Treatable Water-Bearing FM: 830

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: 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? 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: DEESE

D. One time land application -- (REQUIRES PERMIT)  
H. SEE MEMO

PERMIT NO: 19-36734

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: DEESE

## HORIZONTAL HOLE 1

Sec 17 Twp 3S Rge 3E County CARTER

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1375

Depth of Deviation: 11652

Radius of Turn: 900

Direction: 359

Total Length: 11277

Measured Total Depth: 24343

True Vertical Depth: 12600

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

### Notes:

#### Category

#### Description

DEEP SURFACE CASING

7/10/2019 - 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

7/10/2019 - 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 - 698414

7/15/2019 - G56 - 17-3S-3E  
X142014 WDFD  
6 WELLS  
XTO ENERGY INC.  
6/26/2019

INCREASED DENSITY - 698415

7/15/2019 - G56 - 20-3S-3E  
X238746 WDFD  
6 WELLS  
XTO ENERGY INC.  
6/26/2019

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.

019 26331 ALBERT 5-29H20X17

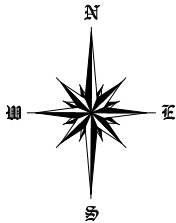
| Category                   | Description   |
|----------------------------|---|
| INCREASED DENSITY - 698416 | 7/15/2019 - G56 - 29-3S-3E<br>X199785 WDFD<br>6 WELLS<br>XTO ENERGY INC.<br>6/26/2019   |
| MEMO                       | 7/10/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT   |
| PENDING CD - 201902822     | 7/15/2019 - G56 - (I.O.) 17, 20 & 29-3S-3E<br>ESTABLISH MULTIUNIT HORIZONTAL WELL<br>X142014 SCMR, WDFD, HNTN 17-3S-3E<br>X238746 SCMR, WDFD, HNTN 20-3S-3E<br>X199785 SCMR, WDFD, HNTN 29-3S-3E<br>(SCMR, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)<br>7% 29-3S-3E<br>46.5% 20-3S-3E<br>46.5% 17-3S-3E<br>XTO ENERGY INC.<br>REC 6/10/2019 (THOMAS)  |
| PENDING CD - 201902828     | 7/15/2019 - G56 - (I.O.) 17, 20 & 29-3S-3E<br>X142014 SCMR, WDFD, HNTN 17-3S-3E<br>X238746 SCMR, WDFD, HNTN 20-3S-3E<br>X199785 SCMR, WDFD, HNTN 29-3S-3E<br>X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO WASHITA 1-20H, CROSKELL 1H-17 WELLS<br>COMPL INT (29-3S-3E) NCT 165' FNL, NCT 0' FNL, NCT 1180' FWL<br>COMPL INT (20-3S-3E) NCT 0'FSL, NCT 0' FNL, NCT 1180' FWL<br>COMPL INT (17-3S-3E) NCT 0'FSL, NCT 165' FNL, NCT 1180' FWL<br>NO OP NAMED<br>REC 6/10/2019 (THOMAS) |
| SPACING - 142014           | 7/15/2019 - G56 - (640) 17-3S-3E<br>EST SCMR, WDFD, HNTN, OTHERS  |
| SPACING - 199785           | 7/15/2019 - G56 - (640) 29-3S-3E<br>EST OTHERS<br>EXT 197431 SCMR, WDFD, HNTN, OTHERS   |
| SPACING - 238746           | 7/15/2019 - G56 - (640) 20-3S-3E<br>EXT OTHERS<br>EXT 142014 SCMR, WDFD, HNTN, OTHERS   |

ALBERT 5-29H20X17

SECTION 29

TOWNSHIP 3 SOUTH, RANGE 3 EAST  
CARTER COUNTY, OKLAHOMA

019-26331



OPERATOR:

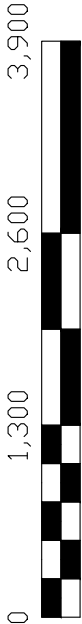


LEGEND:

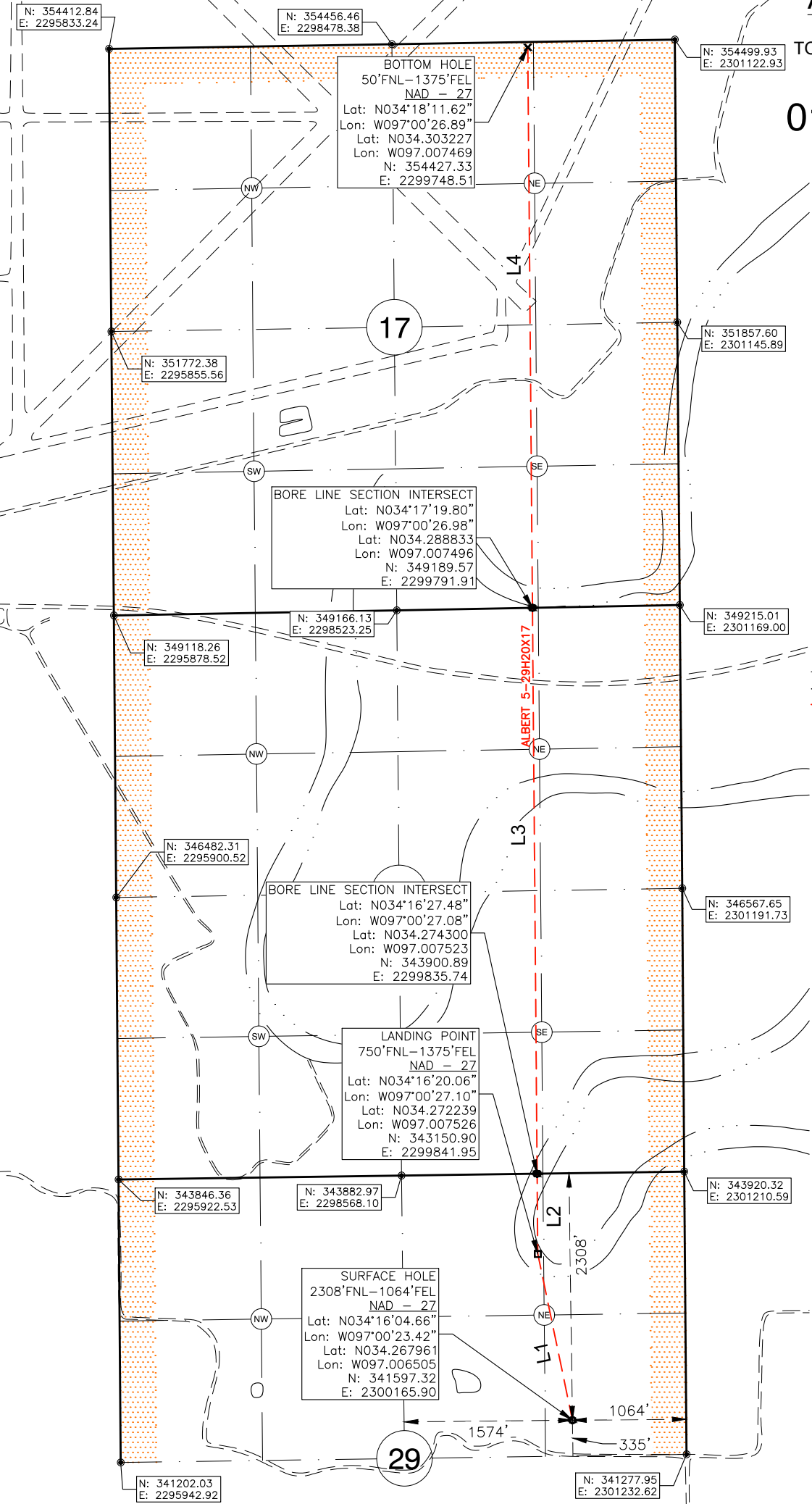
- EXISTING WELL HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- PROPOSED LANDING POINT (LP)
- PROPOSED DIVERSION POINT
- PROPOSED BOTTOM HOLE (PBHL)
- BORE LINE SECTION LINE INTERSECT
- EXISTING WELL BORE
- PROPOSED WELL BORE
- SUBJECT WELL BORE

DRILLING UNIT

| Line Table |            |         |
|------------|------------|---------|
| Line #     | Azimuth    | Length  |
| L1         | 348.221817 | 1587.00 |
| L2         | 359.525215 | 750.01  |
| L3         | 359.525215 | 5288.86 |
| L4         | 359.525215 | 5237.94 |



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: 2308' From North Line Section 29  
1064' From East Line Section 29

Latitude: N34.267961° (NAD 27)  
Longitude: W97.006505° (NAD 27)  
Latitude: N34.268054° (NAD 83)  
Longitude: W97.006795° (NAD 83)

Ground Elev: 711.81

Landing Point Location: 750' From North Line of Section 29  
1375' From East Line of Section 29

Bottom Hole Location: 50' From North Line Section 17  
1375' From East Line Section 17

Drilling Unit: Sec. 17, 20 & Sec 29,T3S, R3E

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 South

Distance & Direction from Hwy Jct or Town:  
From the intersection of Hwy 53A and Aldine Rd, then West on Aldine Rd 2.3mi to Access Rd. Well Location to the North.

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/ALBERT 5-29H20X17 | DRAWN BY: | LD |
| DATE:   | 23/APR/19                  | REV:      | G  |
| SCALE:  | 1" = 1,300'                | Sht       | 1  |