

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 A

Approval Date: 11/07/2019
Expiration Date: 05/07/2021

Horizontal Hole
Multi Unit
Oil & Gas

PERMIT TO DEEPEN

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 Location Exception Orders: 700518 Increased Density Orders: 698414
238746 698415
199785 698416
700512

Pending CD Numbers:

Special Orders:

Total Depth: 24343 Ground Elevation: 712 Surface Casing: 1984 IP Depth to base of Treatable Water-Bearing FM: 830

Deep surface casing has been approved

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) PERMIT NO: 19-36734
H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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; 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 - 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.

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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.

019 26331 ALBERT 5-29H20X17

INCREASED DENSITY - 698416	7/15/2019 - G56 - 29-3S-3E X199785 WDFD 6 WELLS XTO ENERGY INC. 6/26/2019
LOCATION EXCEPTION - 700518	11/7/2019 - GC2 - (I.O.) 17, 20 & 29-3S-3E X142014 SCMR, WDFD, HNTN 17-3S-3E X238746 SCMR, WDFD, HNTN 20-3S-3E X199785 SCMR, WDFD, HNTN 29-3S-3E X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO WASHITA 1-20H, CROSKELL 1H-17 WELLS COMPL INT (29-3S-3E) NCT 165' FNL, NCT 0' FNL, NCT 1180' FWL COMPL INT (20-3S-3E) NCT 0'FSL, NCT 0' FNL, NCT 1180' FWL COMPL INT (17-3S-3E) NCT 0'FSL, NCT 165' FNL, NCT 1180' FWL XTO ENERGY INC 8-8-2019
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
SPACING - 142014	7/15/2019 - G56 - (640) 17-3S-3E EST SCMR, WDFD, HNTN, OTHERS
SPACING - 199785	7/15/2019 - G56 - (640) 29-3S-3E EST OTHERS EXT 197431 SCMR, WDFD, HNTN, OTHERS
SPACING - 238746	7/15/2019 - G56 - (640) 20-3S-3E EXT OTHERS EXT 142014 SCMR, WDFD, HNTN, OTHERS
SPACING - 700512	11/7/2019 - GC2 - (I.O.) 17, 20 & 29-3S-3E ESTABLISH MULTIUNIT HORIZONTAL WELL X142014 SCMR, WDFD, HNTN 17-3S-3E X238746 SCMR, WDFD, HNTN 20-3S-3E X199785 SCMR, WDFD, HNTN 29-3S-3E (SCMR, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 7% 29-3S-3E 46.5% 20-3S-3E 46.5% 17-3S-3E XTO ENERGY INC. 8-8-2019