API NUMBER: 019 26313 Α OKLAHOMA CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION** P.O. BOX 52000 **OKLAHOMA CITY, OK 73152-2000** (Rule 165:10-3-1)

Approval Date:	01/15/2019
Expiration Date:	07/15/2020

Multi Unit Oil & Gas

Amend reason: OCC CORRECTION: BHL TOWNSHIP & UPDATE ORDERS

## AMEND PERMIT TO DRILL

WELL LOCATION:	Section:	11	Township:	4S	Range: 2E	County:	CARTER	
SPOT LOCATION:	SW NW	NW	NE		FEET FROM QUARTER: FROM	OM NORTH	FROM	EAST
					SECTION LINES:	522		2314

NAYLOR Well No: 1-11H2X35 Lease Name: Well will be 522 feet from nearest unit or lease boundary.

**XTO ENERGY INC** Operator Name: Telephone: 4053193200; 8178852283 OTC/OCC Number: 21003 0

**XTO ENERGY INC** 

22777 SPRINGWOODS VILLAGE PKWY

77389-1425 SPRING. TX

JERRY WHALEY NAYLOR

P.O. BOX 605

**ARDMORE** OK 73402

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	14421
2	WOODFORD	319WDFD	14780
3	HUNTON	269HNTN	15121

Spacing Orders: 584421

199785 691963

Pending CD Numbers: No Pending Location Exception Orders: 691966 Increased Density Orders: 689887

Special Orders:

689955

No Special Orders

Working interest owners' notified:

Total Depth: 25500 Ground Elevation: 777

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 1200

Deep surface casing has been approved

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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

PERMIT NO: 18-36034

H. (Other) SEE MEMO

Approved Method for disposal of Drilling Fluids:

**PIT 1 INFORMATION** 

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 located in a Hydrologically Sensitive Area. Category of Pit: C

Liner not required for Category: C

Pit Location Formation: ALLUVIUM

Pit Location is: ALLUVIAL

## **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

located in a Hydrologically Sensitive Area. Pit

Category of Pit: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

Pit Location Formation: ALLUVIUM

**MULTI UNIT HOLE 1** 

Section: 35 Township: 3S Range: 2E Meridian: IM Total Length: 9755

County: CARTER Measured Total Depth: 25500

Spot Location of End Point: NE NE NW NW True Vertical Depth: 15121

Feet From: NORTH

1/4 Section Line: 150
End Point Location from
Lease, Unit, or Property Line: 150
Lease, Unit, or Property Line: 150

NOTES:

NOTES:	
Category	Description
DEEP SURFACE CASING	12/31/2018 - 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	12/31/2018 - 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; 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 - 689887	3/22/2021 - G56 - 2-4S-2E X584421 WDFD 3 WELLS XTO ENERGY INC 1/16/2019
INCREASED DENSITY - 689955	3/22/2021 - G56 - 35-3S-2E X199785 WDFD 3 WELLS XTO ENERGY INC 1/17/2019
LOCATION EXCEPTION - 691966	3/22/2021 - G56 - (I.O.) 2-4S-2E & 35-3S-2E X584421 SCMR, WDFD, HNTN 2-4S-2E X199785 SCMR, WDFD, HNTN 35-3S-2E SHL (11-4S-2E) 522' FNL, 2314' FEL COMPL. INT. (2-4S-2E) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (35-3S-2E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL XTO ENERGY INC 2/25/2019
MEMO	12/31/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SAND CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 199785	1/7/2019 - GA8 - (640) 35-3S-2E EXT 197431 SCMR, WDFD, HNTN, OTHERS EST OTHERS
SPACING - 584421	1/7/2019 - GA8 - (640) 2-4S-2E EXT 199785 SCMR, WDFD, HNTN, OTHERS
SPACING - 691963	3/22/2021 - G56 - (I.O.) 2-4S-2E & 35-3S-2E EST MULTIUNIT HORIZONTAL WELL X584421 SCMR, WDFD, HNTH 2-4S-2E X199785 SCMR, WDFD, HNTN 35-3S-2E (SCMR, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 47.4% 2-4S-2E 52.6% 35-3S-2E XTO ENERGY INC 2/25/2019