

API NUMBER: 043 23695 B

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

Approval Date: 04/03/2019
Expiration Date: 10/03/2020

Multi Unit Oil & Gas

Amend reason: OCC CORRECTION - UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 32 Township: 16N Range: 16W County: DEWEY

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 185 740

Lease Name: BROWNIE Well No: 1-32H28X21 Well will be 185 feet from nearest unit or lease boundary.

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

XTO ENERGY INC
22777 SPRINGWOODS VILLAGE PKWY
SPRING, TX 77389-1425

BROWNIE M. BROWNE
15009 DOURDAN COURT
OKLAHOMA CITY OK 73142

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	13299

Spacing Orders: 693694

Location Exception Orders: 714401

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 24197

Ground Elevation: 1876

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 430

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36379

H. (Other)

SEE MEMO

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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.

MULTI UNIT HOLE 1

Section: 21	Township: 16N	Range: 16W	Meridian: IM	Total Length: 10170
County: DEWEY				Measured Total Depth: 24197
Spot Location of End Point: NE	NW	NW	NW	True Vertical Depth: 13433
Feet From: NORTH	1/4 Section Line: 26			End Point Location from
Feet From: WEST	1/4 Section Line: 438			Lease, Unit, or Property Line: 26

NOTES:

Category	Description
DEEP SURFACE CASING	3/25/2019 - 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	3/25/2019 - 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
LOCATION EXCEPTION - 714401 (201810571)	11/23/2020 - G56 - (F.O.) 28 & 21-16N-16W X693694 MSSP SHL (32-16N-16W) 185' FNL, 740' FEL FIRST PERF (28-16N-16W) 187' FSL, 434' FWL LAST PERF (21-16N-16W) 170' FNL, 436' FWL XTO ENERGY INC. 9/11/2020
MEMO	3/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 693694	11/23/2020 - G56 - (1280)(HOR) 28 & 21-16N-16W EST MSSP, OTHERS POE TO BHL (MSSP) NLT 660' FB