

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

API NUMBER: 069 20173

Approval Date: 01/26/2015

Expiration Date: 07/26/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 4S Rge: 5E

County: JOHNSTON

SPOT LOCATION:  SW  SW  SE  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 268 1524

Lease Name: EDDINGS

Well No: 2-21H16X

Well will be 268 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 8178853255

OTC/OCC Number: 21003 0

XTO ENERGY INC  
810 HOUSTON ST  
FORT WORTH, TX 76102-6203

BARBARA J. EDDINGS, STEVEN K. EDDINGS & KAREN P. EDDINGS  
9510 W RANDOLPH LAKE LANE  
MANNSVILLE OK 73447

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

	Name	Depth	Name	Depth
1	SYCAMORE	6908	6	
2	WOODFORD	7073	7	
3	HUNTON	7373	8	
4			9	
5			10	

Spacing Orders: 557092  
555910  
634591

Location Exception Orders: 634592  
634537

Increased Density Orders: 634539  
634538

Pending CD Numbers:

Special Orders:

Total Depth: 15000

Ground Elevation: 660

**Surface Casing: 1990**

Depth to base of Treatable Water-Bearing FM: 140

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 14-29222

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

PIT 3 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 16 Twp 4S Rge 5E County JOHNSTON

Spot Location of End Point: SE SE NW SW

Feet From: SOUTH 1/4 Section Line: 1550

Feet From: WEST 1/4 Section Line: 1020

Depth of Deviation: 6873

Radius of Turn: 917

Direction: 359

Total Length: 6687

Measured Total Depth: 15000

True Vertical Depth: 7373

End Point Location from Lease,  
Unit, or Property Line: 1020

Notes:

Category	Description
DEEP SURFACE CASING	1/26/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 634538	1/26/2015 - G91 - 16-4S-5E X555910 WDFD 2 WELLS XTO ENERGY INC. 12-26-2014

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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.

Category	Description
INCREASED DENSITY - 634539	1/26/2015 - G91 - 21-4S-5E X557092 WDFD 2 WELLS XTO ENERGY INC. 12-26-2014
LOCATION EXCEPTION - 634537	1/26/2015 - G91 - (I.O.) 16-4S-5E X555910 SCMR, WDFD, HNTN SHL 268 FSL, 1524 FWL 21-4S-5E COMPL. INT. NCT 0 FSL, NCT 1550 FSL, NCT 970 FWL XTO ENERGY INC. 12-26-2014
LOCATION EXCEPTION - 634592	1/26/2015 - G91 - (I.O.) 21-4S-5E X557092 SCMR, WDFD, HNTN SHL 268 FSL, 1524 FWL 21-4S-5E COMPL. INT. NCT 165 FSL, NCT 0 FNL, NCT 970 FWL XTO ENERGY INC. 12-29-2014
MEMO	1/26/2015 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 555910	1/26/2015 - G91 - (640) 16-4S-5E VAC 242033 SCMR, WDFD, HNTN, OTHERS EXT 552987 SCMR, WDFD, HNTN, OTHERS
SPACING - 557092	1/26/2015 - G91 - (640) 21-4S-5E EXT 552987 SCMR, WDFD, HNTN, OTHERS
SPACING - 634591	1/26/2015 - G91 - (I.O.) 16 & 21-4S-5E EST MULTIUNIT HORIZONTAL WELL (EDDINGS 2-21H16X) X555910 SCMR, WDFD, HNTN 16-4S-5E X557092 SCMR, WDFD, HNTN 21-4S-5E (SCMR, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 24% 16-4S-5E 76% 21-4S-5E XTO ENERGY INC. 12-29-2014

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