

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

API NUMBER: 085 21223 A

Approval Date: 04/11/2014  
Expiration Date: 10/11/2014

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL REVISED SURVEY PLAT

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 7S Rge: 2E County: LOVE  
SPOT LOCATION:  SE  NW  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 532 1864

Lease Name: RACHEL Well No: 1-32H Well will be 532 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

RACHEL M BREWSTER REVOCABLE TRUST  
P.O. BOX 368  
MARIETTA OK 73448

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

Name	Depth	Name	Depth
1 WOODFORD	15500	6	
2 SYLVAN	15700	7	
3 HUNTON	15750	8	
4		9	
5		10	

Spacing Orders: 622589 Location Exception Orders: 623033 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 22100 Ground Elevation: 820 Surface Casing: 440 Depth to base of Treatable Water-Bearing FM: 190

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOKCHITO

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: 14-26874

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? Y

Wellhead Protection Area? Y

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: BOKCHITO

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? Y

Wellhead Protection Area? Y

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: BOKCHITO

HORIZONTAL HOLE 1

Sec 32 Twp 7S Rge 2E County LOVE

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 1900

Depth of Deviation: 15100

Radius of Turn: 1000

Direction: 176

Total Length: 5429

Measured Total Depth: 22100

True Vertical Depth: 16700

End Point Location from Lease,  
Unit, or Property Line: 1

Notes:

Category

Description

LOCATION EXCEPTION - 623033

4/11/2014 - G30 - (I.O.) 32-7S-2E  
X622589 WDFD, HNTN, SLVN  
XOTHER  
SHL 530 FNL, 1865 FWL\*\*  
COMP. INT. NCT 165 FNL, NCT 165 FSL, NCT 330 FEL  
XTO ENERGY INC.  
3/21/14

\*\*SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

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Category	Description
MEMO	4/10/2014 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
MUNICIPAL WATER WELL/WELLHEAD PROTECTION AREA	4/9/2014 - G71 - MARIETTA PWA - 1 MW/WPA, NW/4 29-T7S-R2E
SPACING - 622589	4/11/2014 - G30 - (640) 32-7S-2E EXT 615583 WDFD, SLVN, HNTN, OTHER

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