

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

API NUMBER: 085 21209

Approval Date: 01/29/2014

Expiration Date: 07/29/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 7S Rge: 1E

County: LOVE

SPOT LOCATION:  NW  NW  NE  NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 325 1030

Lease Name: TAMMY

Well No: 1-23H13

Well will be 325 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 8178852283

OTC/OCC Number: 21003 0

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

TJ & JOY DAVIDSON  
7899 PUTMAN ROAD  
MARIETTA OK 73448

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

	Name	Depth	Name	Depth
1	CANEY	14000	6	
2	WOODFORD	15400	7	
3	HUNTON	15680	8	
4	SYLVAN	15710	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400079  
201400081

Special Orders:

Total Depth: 21000

Ground Elevation: 877

**Surface Casing: 1990**

Depth to base of Treatable Water-Bearing FM: 210

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 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: CHICKASHA

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: 14-26313

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 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: CHICKASHA

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 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: CHICKASHA

HORIZONTAL HOLE 1

Sec 13 Twp 7S Rge 1E County LOVE

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 400

Depth of Deviation: 14000

Radius of Turn: 1000

Direction: 359

Total Length: 5115

Measured Total Depth: 21000

True Vertical Depth: 16000

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

Notes:

Category	Description
DEEP SURFACE CASING	1/28/2014 - 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
MEMO	1/28/2014 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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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
PENDING CD - 201400079	1/28/2014 - G30 - (640) 13-7S-1E EXT 606743 CNEY, WDFD, HNTN, SLVN EST OTHERS REC 1/27/14 (LEAVITT)
PENDING CD - 201400081	1/28/2014 - G30 - 13-7S-1E X201400079 CNEY, WDFD, HNTN, SLVN SHL 325 FNL, 1000 FEL 23-7S-1E COMP. INT. NCT 165 FSL, NCT 165 FNL, NCT 400 FWL 13-7S-1E NO OP. NAMED REC 1/27/14 (LEAVITT)

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.