

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

API NUMBER: 085 21244

Approval Date: 10/02/2014
Expiration Date: 04/02/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 7S Rge: 1W County: LOVE
SPOT LOCATION: NW NE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1200 650

Lease Name: STRATE Well No: 1-1H6X5 Well will be 650 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

WARREN EDWARD STRATE
17559 DIXON ROAD
MARIETTA OK 73448

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

	Name	Depth	Name	Depth
1	CANEY	13000	6	
2	WOODFORD	13800	7	
3	HUNTON	14100	8	
4			9	
5			10	

Spacing Orders: 260251 Location Exception Orders: 628420 Increased Density Orders:
260983 631007
628419

Pending CD Numbers: 201402342 Special Orders:

Total Depth: 23500 Ground Elevation: 898 Surface Casing: 1990 Depth to base of Treatable Water-Bearing FM: 640

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 BED AQUIFER

Pit Location Formation: ANTLERS

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)

H. SEE MEMO

PERMIT NO: 14-27571

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 BED AQUIFER

Pit Location Formation: ANTLERS

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 BED AQUIFER

Pit Location Formation: ANTLERS

HORIZONTAL HOLE 1

Sec 05 Twp 7S Rge 1E County LOVE

Spot Location of End Point: SW NW SW SE

Feet From: SOUTH 1/4 Section Line: 900

Feet From: EAST 1/4 Section Line: 2395

Depth of Deviation: 13650

Radius of Turn: 1000

Direction: 92

Total Length: 8279

Measured Total Depth: 23500

True Vertical Depth: 14100

End Point Location from Lease,
Unit, or Property Line: 900

Notes:

Category	Description
DEEP SURFACE CASING	7/25/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 628420	9/30/2014 - G75 - (I.O.) 5-7S-1E X260251/260983 CNEY, WDFD, HNTN COMPL. INT. NCT 0 FWL, NCT 2000 FEL, NCT 330 FSL XTO ENERGY INC. 7-29-2014

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Category	Description
LOCATION EXCEPTION - 631007	9/30/2014 - G75 - (I.O.) X628419 CNEY, WDFD, HNTN SHL 1200 FSL, 650 FEL 1-7S-1W COMPL. INT. NCT 165 FWL, NCT 0 FEL, NCT 330 FSL 6-7S-1E XTO ENERGY INC. 9-24-2014
MEMO	7/25/2014 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201402342	9/30/2014 - G75 - (I.O.)(640) 5 & 6-7S-1E EST MULTIUNIT HORIZONTAL WELL X260251/260983 CNEY, WDFD, HNTN 5-7S-1E X628419 CNEY, WDFD, HNTN 6-7S-1E (CNEY & HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 36% 5-7S-1E 64% 6-7S-1E NO OP. NAMED REC 7-7-2014 (STUCK)
SPACING - 260251	9/30/2014 - G75 - (640/80/40) 5-7S-1E EXT (40) OTHERS EXT (640) 119140 CNEY, OTHERS EXT (640) 248343 WDFD, HNTN, OTHERS EXT (80) OTHER
SPACING - 260983	9/30/2014 - G75 - NPT 260251 TO INCLUDE EXHIBITS
SPACING - 628419	9/30/2014 - G75 - (640) 6-7S-1E EXT 260251/260983 CNEY, WDFD, HNTN, OTHER

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