API NUMBER: 085 21254

Oil & Gas

Horizontal Hole

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

Approval Date: 01/05/2015
Expiration Date: 07/05/2015

PERMIT TO DRILL

WELL LOCATION:	Sec:	29	Twp:	6S	Rge: 1E	County:	LOVI
----------------	------	----	------	----	---------	---------	------

SPOT LOCATION: SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST SECTION LINES: 200 1000

Lease Name: DIXON Well No: 1-29H20X Well will be 200 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

VANN KIRK DIXON 92 SHADOW WOOD LANE

DURANT OK 74701

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

Name Depth Name Depth 1 CANEY 12755 6 2 WOODFORD 13370 7 HUNTON 13640 8 3 9 10 628195 Spacing Orders: Location Exception Orders: 628636 Increased Density Orders: 628196 628637 167657 628197

Pending CD Numbers: Special Orders:

Total Depth: 22100 Ground Elevation: 935 Surface Casing: 1990 Depth to base of Treatable Water-Bearing FM: 470

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

PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: AIR

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28085 ls depth to top of ground water greater than 10ft below base of pit? Y H. SEE MEMO

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: KIAMICHI

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

## 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

Pit Location Formation:

**Liner not required for Category: C**Pit Location is NON HSA

PIT 3 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

KIAMICHI

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: KIAMICHI

## **HORIZONTAL HOLE 1**

Sec 20 Twp 6S Rge 1E County LOVE Spot Location of End Point: NW NF SE Feet From: SOUTH 1/4 Section Line: 2630 Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 12783 Radius of Turn: 1000

Direction: 5

Total Length: 7746

Measured Total Depth: 22100

True Vertical Depth: 13640
End Point Location from Lease,
Unit, or Property Line: 400

Notes:

Category Description

DEEP SURFACE CASING 10/3/2014 - G76 - 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 - 628636 1/2/2015 - G75 - (I.O.) 20-6S-1E

X167657 WDFD, HNTN

X628195 CNEY

COMPL. INT. NCT 0 FSL, NCT 1320 FSL, NCT 330 FEL

XTO ENERGY INC.

8-1-2014

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.

085 21254 DIXON 1-29H20X

Category Description

LOCATION EXCEPTION - 628637 1/2/2015 - G75 - (I.O.) 29-6S-1E

X167657 WDFD, HNTN X628196 CNEY SHL 200 FSL, 1000 FEL

COMPL. INT. NCT 165 FSL, NCT 0 FNL, NCT 330 FEL

XTO ENERGY INC.

8-1-2014

MEMO 10/3/2014 - G76 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 -

OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

SPACING - 167657 1/2/2015 - G75 - (640) 20 & 29-6S-1E

EST WDFD, HNTN, OTHERS

SPACING - 628195 1/2/2015 - G75 - (640) 20-6S-1E

**EXT 621848 CNEY** 

SPACING - 628196 1/2/2015 - G75 - (640) 29-6S-1E

**EXT 621848 CNEY** 

SPACING - 628197 1/2/2015 - G75 - (I.O.)(640) 20 & 29-6S-1E

EST MULTIUNIT HORIZONTAL WELL

X CNEY, WDFD, HNTN \*\*

(CNEY, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD)

33% 20-6S-1E 67% 29-6S-1E XTO ENERGY INC

7-23-2014

\*\* S/B X167657 WDFD, HNTN 20 & 29-6S-1E & X628195 CNEY 20-6S-1E & X628196 CNEY 29-6S-1E; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER ATTORNEY FOR OPERATOR

