

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

API NUMBER: 095 20649 A

Approval Date: 03/06/2015

Expiration Date: 09/06/2015

Horizontal Hole Oil & Gas

Amend reason: CHANGE BOTTOM-HOLE LOCATION; UPDATE  
LOCATION EXCEPTON

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 5S Rge: 6E

County: MARSHALL

SPOT LOCATION:  NW  NW  NE  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 1360

Lease Name: FLENNIKEN

Well No: 4-11H2

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 8178853255; 8178852

OTC/OCC Number: 21003 0

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

FLENNIKEN ESTATE C/O LARRY LEE FLENNIKEN  
1743 EAST 59TH PLACE  
TULSA OK 74105

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

| Name       | Depth | Name | Depth |
|------------|-------|------|-------|
| 1 WOODFORD | 5914  | 6    |       |
| 2          |       | 7    |       |
| 3          |       | 8    |       |
| 4          |       | 9    |       |
| 5          |       | 10   |       |

Spacing Orders: 599549

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201501035  
201501029

Special Orders:

Total Depth: 11900

Ground Elevation: 731

**Surface Casing: 1990**

Depth to base of Treatable Water-Bearing FM: 550

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: CADD0

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: 15-29646

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: 8000 Average: 5000

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: CADDO

#### 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: CADDO

#### HORIZONTAL HOLE 1

Sec 02 Twp 5S Rge 6E County MARSHALL

Spot Location of End Point: NE NW NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 2300

Depth of Deviation: 5216

Radius of Turn: 1000

Direction: 10

Total Length: 5113

Measured Total Depth: 11900

True Vertical Depth: 6400

End Point Location from Lease,

Unit, or Property Line: 1

#### Notes:

##### Category

##### Description

DEEP SURFACE CASING

3/4/2015 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

MEMO

3/4/2015 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

This permit does not address the right of entry or settlement of surface damages.

095 20649 FLENNIKEN 4-11H2

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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 - 201501029 | 3/6/2015 - G75 - (E.O.) 2-5S-6E<br>X599549 WDFD<br>3 WELLS<br>XTO ENERGY INC.<br>REC 3-3-2015 (DECKER)  |
| PENDING CD - 201501035 | 3/6/2015 - G75 - (E.O.)<br>X599549 WDFD<br>SHL 250 FNL, 1360 FWL 11-5S-6E<br>COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 2300 FEL 2-5S-6E<br>XTO ENERGY INC.<br>REC 3-24-2015 (LEAVITT) |
| SPACING - 599549       | 3/6/2015 - G75 - (640) 2-5S-6E<br>EXT 562312 WDFD, OTHERS   |