

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

API NUMBER: 137 27368 A

Approval Date: 10/13/2014
Expiration Date: 04/13/2015

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE HOLE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 1S Rge: 4W

County: STEPHENS

SPOT LOCATION: SW NW NE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 419 1089

Lease Name: CLARENCE

Well No: 1-29H28

Well will be 419 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

JACK D & FRANCES STEPHENSON
4602 E. CAMELBACK RD.
MARLOW OK 73055

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

	Name	Depth	Name	Depth
1	CANEY	9990	6	
2	WOODFORD	11050	7	
3	HUNTON	12350	8	
4			9	
5			10	

Spacing Orders: 631023

Location Exception Orders: 633253

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18000

Ground Elevation: 992

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 590

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: GARBER

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: 14-28088

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

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: GARBER

HORIZONTAL HOLE 1

Sec 28 Twp 1S Rge 4W County STEPHENS

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 10

Feet From: WEST 1/4 Section Line: 400

Depth of Deviation: 11850

Radius of Turn: 764

Direction: 179

Total Length: 4950

Measured Total Depth: 18000

True Vertical Depth: 12900

End Point Location from Lease,
Unit, or Property Line: 10

Notes:

Category

Description

DEEP SURFACE CASING

10/13/2014 - G76 - 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

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Category	Description
LOCATION EXCEPTION - 633253	12/22/2014 - G91 - (I.O.) X631023 CNEY, WDFD, HNTN, OTHER SHL 0 FNL, 0 FEL 29-1S-4W** COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 330 FWL 28-1S-4W XTO ENERGY INC. 11-20-2014 ** SHL TO BE CORRECTED IN FINAL ORDER PER OPERATOR**
MEMO	10/13/2014 - G76 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 631023	10/13/2014 - G91 - (640) 28-1S-4W EST CNEY, WDFD, HNTN, OTHERS (COEXIST SP. ORDER # 404369 OTHER, NE4)
WATERSHED STRUCTURE	10/13/2014 - G76 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 255-5798 PRIOR TO DRILLING

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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.