

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

API NUMBER: 085 21234

Approval Date: 07/17/2014

Expiration Date: 01/17/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 6S Rge: 1W

County: LOVE

SPOT LOCATION: SE NW NE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 403 892

Lease Name: JACKSON

Well No: 1-34H

Well will be 403 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

DON N. & ELVA L. JACKSON
2201 HICKORY DR.
ARDMORE OK 73401

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

	Name	Depth	Name	Depth
1	CANEY	12380	6	
2	WOODFORD	13160	7	
3	HUNTON	13500	8	
4			9	
5			10	

Spacing Orders: 627396

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400277

Special Orders:

Total Depth: 17100

Ground Elevation: 723

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 780

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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: 14-26250

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 34 Twp 6S Rge 1W County LOVE

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 10849

Radius of Turn: 720

Direction: 165

Total Length: 5120

Measured Total Depth: 17100

True Vertical Depth: 13500

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

Notes:

Category

Description

DEEP SURFACE CASING

7/1/2014 - 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

7/1/2014 - 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 - 201400277	7/2/2014 - G91 - (I.O.) 34-6S-1W X627396 CNEY, WDFD, HNTN SHL 403' FNL, 892' FEL COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 6-9-2014 (CANDLER)
SPACING - 627396	7/2/2014 - G91 - (640) 34-6S-1W EXT 617759 CNEY, WDFD, HNTN, OTHER

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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.