

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

API NUMBER: 019 26040

Approval Date: 01/29/2014
Expiration Date: 07/29/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 3S Rge: 2E County: CARTER
SPOT LOCATION: NE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 420 930

Lease Name: DAVID Well No: 1-29H Well will be 420 feet from nearest unit or lease boundary.
Operator Name: XTO ENERGY INC Telephone: 8178852283 OTC/OCC Number: 21003 0

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

WILLIAM & RHETA SCHUERHOFF
240 DEER CREEK ROAD
ARDMORE OK 73401

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

	Name	Depth	Name	Depth
1	CANEY	8500	6	
2	SYCAMORE	9010	7	
3	WOODFORD	9360	8	
4	HUNTON	9700	9	
5			10	

Spacing Orders: 112621
359739

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400052
201400054

Special Orders:

Total Depth: 14300 Ground Elevation: 750 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 530

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)

H. SEE MEMO

PERMIT NO: 14-26254

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 29 Twp 3S Rge 2E County CARTER

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 8723

Radius of Turn: 637

Direction: 5

Total Length: 4576

Measured Total Depth: 14300

True Vertical Depth: 9700

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

Notes:

Category

Description

DEEP SURFACE CASING

1/27/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

MEMO

1/27/2014 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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Category	Description
PENDING CD - 201400052	1/28/2014 - G75 - (640) 29-3S-2E EXT 569644 CNEY EST OTHER REC 1-27-2014 (LEAVITT)
PENDING CD - 201400054	1/28/2014 - G75 - (I.O.) 29-3S-2E X112621 SCMR, HNTN, OTHERS X359739 WDFD X201400052 CNEY, OTHER SHL 420 FSL, 930 FEL FIRST PERF NCT 165 FSL, NCT 330 FEL LAST PERF NCT 165 FNL, NCT 330 FEL NO OP. NAMED REC 1-27-2014 (LEAVITT)
SPACING - 112621	1/28/2014 - G75 - (640) 29-3S-2E EST SCMR, HNTN, OTHERS
SPACING - 359739	1/28/2014 - G75 - (640) 29-3S-2E EXT 101462/VAR WDFD

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