

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

API NUMBER: 019 26008

Approval Date: 11/13/2013

Expiration Date: 05/13/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 3S Rge: 3E

County: CARTER

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 335 1200

Lease Name: GREENWAY

Well No: 1-35H26

Well will be 335 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

NICKEL HILL LAND AND CATTLE COMPANY
1023 LANDMARK ROAD
ARDMORE OK 73401

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

Name	Depth	Name	Depth
1 WOODFORD	7000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 142014

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201306878
201306876

Special Orders:

Total Depth: 14300

Ground Elevation: 737

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 840

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: 13-24807

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 26 Twp 3S Rge 3E 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: 500

Depth of Deviation: 7447

Radius of Turn: 1000

Direction: 359

Total Length: 5116

Measured Total Depth: 14300

True Vertical Depth: 9200

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

11/13/2013 - 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

11/13/2013 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

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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.

019 26008 GREENWAY 1-35H26

Category	Description
PENDING CD - 201306876	11/13/2013 - G30 - 26-3S-3E X142014 WDFD 1 WELL NO OP. NAMED REC 11/4/13 (LEAVITT)
PENDING CD - 201306878	11/13/2013 - G30 - 26-3S-3E X142014 WDFD SHL 335 FNL, 1200 FEL 35-3S-3E COMP. INT. NCT 165 FSL, NCT 165 FNL, NCT 330 FEL 26-3S-3E NO OP. NAMED REC 11/4/13 (LEAVITT)
SPACING - 142014	11/13/2013 - G30 - (640) 26-3S-3E EST WDFD, OTHERS