

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

API NUMBER: 019 26142

Approval Date: 10/06/2014

Expiration Date: 04/06/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 3S Rge: 2E

County: CARTER

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 270 1340

Lease Name: OTEY

Well No: 2-34H27

Well will be 270 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

WANDA OTEY TRUST
1810 4TH AVE. SW
ARDMORE OK 73401

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

Name	Depth	Name	Depth
1 WOODFORD	13623	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 197431

Location Exception Orders:

Increased Density Orders: 630546

Pending CD Numbers: 201405613

Special Orders:

Total Depth: 18750

Ground Elevation: 760

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 940

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: DEESE

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: 14-28448

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 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: DEESE

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: DEESE

HORIZONTAL HOLE 1

Sec 27 Twp 3S Rge 2E County CARTER

Spot Location of End Point: NW NW NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 1280

Depth of Deviation: 12063

Radius of Turn: 1000

Direction: 3

Total Length: 5116

Measured Total Depth: 18750

True Vertical Depth: 13700

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

9/19/2014 - G76 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

INCREASED DENSITY - 630546

10/6/2014 - G75 - 27-3S-2E
X197431 WDFD
1 WELL
XTO ENERGY INC.
9-12-2014

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

019 26142 OTEY 2-34H27

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.

Category	Description
MEMO	9/19/2014 - G76 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201405613	10/6/2014 - G75 - (I.O.) X197431 WDFD SHL 270 FNL, 1340 FEL 34-3S-2E COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 1280 FEL 27-3S-2E NO OP. NAMED REC 8-26-2014 (NORRIS)
SPACING - 197431	10/6/2014 - G75 - (640) 27-3S-2E EXT OTHERS EXT 135984 WDFD, OTHERS

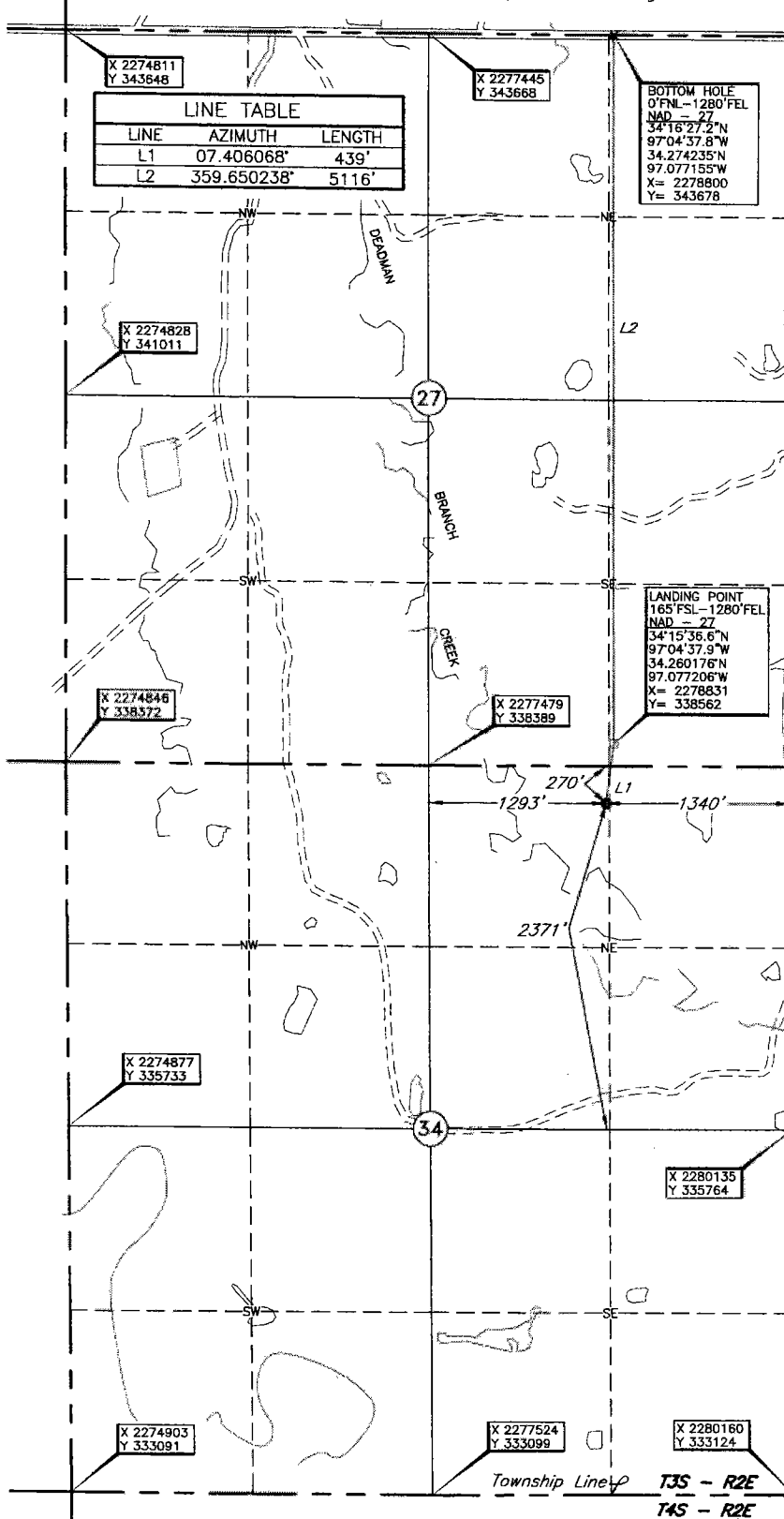
CARTER

County, Oklahoma

270' FNL-1340' FEL Section 34 Township 3S Range 2E I.M.

LEGEND:

- PROPOSED SURFACE HOLE (PSHL)
- CONDUCTOR PIPE (CP)
- ✱ EXISTING WELLHEAD/PRODUCTION WELL
- ✱ PLUGGED & ABANDONED WELL
- ✱ PER OGLC RECORDS
- PROPOSED LANDING POINT (LP)
- ✱ PROPOSED BOTTOM HOLE (PBHL)
- PROPOSED OTHER LATERAL LINES (PLL)



LINE TABLE

LINE	AZIMUTH	LENGTH
L1	07.406068°	439'
L2	359.650238°	5116'

BOTTOM HOLE
0' FNL-1280' FEL
NAD - 27
34°16'27.2"N
97°04'37.8"W
34.274235°N
97.077155°W
X= 2278800
Y= 343678

LANDING POINT
165' FSL-1280' FEL
NAD - 27
34°15'36.6"N
97°04'37.9"W
34.280176°N
97.077206°W
X= 2278831
Y= 338562

NOTE:
The information shown herein is for construction purposes ONLY.



GRID
NAD-27
Okla. South
US Feet

Scale:
1" = 1000'

ELEVATION:
760' Gr. at level pad

Well No.: 2-34H27
West of Otey 1-34H27

Operator: XTO ENERGY, INC.

Lease Name: OTEY

Topography & Vegetation Loc. fell on level pad: 20' West of Otey 1-34H27

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From East on lease road

Distance & Direction From the Jct of US Hwy 77 & St Hwy 53 East, go ±4.0 mi. East on

St Hwy 53, then ±3.0 mi South to the Northeast corner of Section 34-T3S-R2E

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy)
DATUM: NAD-27
LAT: 34°15'32.3"N
LONG: 97°04'38.7"W
LAT: 34.258981°N
LONG: 97.077406°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2278774
Y: 338127

Invoice # 227968 Date of Drawing: Jul. 31, 2014
Date Staked: Jul. 29, 2014

CERTIFICATE:

I, Thomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
Oklahoma Lic. No. 1433

