

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

API NUMBER: 095 20638

Approval Date: 10/24/2014

Expiration Date: 04/24/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 6S Rge: 6E

County: MARSHALL

SPOT LOCATION: ☐ NW ☐ SE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 690 499

Lease Name: DOC WATKINS

Well No: 2-3H

Well will be 499 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

H. G. WATKINS & MARY M. WATKINS  
P.O. BOX 807  
MADILL OK 73446

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

Name	Depth	Name	Depth
1 WOODFORD	6678	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 627207

Location Exception Orders: 631999

Increased Density Orders:

631998

Pending CD Numbers: 201404675

Special Orders:

Total Depth: 13000

Ground Elevation: 680

**Surface Casing: 1990**

Depth to base of Treatable Water-Bearing FM: 390

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: CADD0

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: 14-28469

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: CADDO

#### 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: CADDO

#### HORIZONTAL HOLE 1

Sec 03 Twp 6S Rge 6E County MARSHALL

Spot Location of End Point: W2 SW NW NW

Feet From: NORTH 1/4 Section Line: 990

Feet From: WEST 1/4 Section Line: 20

Depth of Deviation: 6322

Radius of Turn: 1000

Direction: 265

Total Length: 5107

Measured Total Depth: 13000

True Vertical Depth: 6700

End Point Location from Lease,

Unit, or Property Line: 20

#### Notes:

##### Category

##### Description

DEEP SURFACE CASING

10/15/2014 - G76 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

EXCEPTION TO RULE - 631998

10/24/2014 - G75 - (I.O.) N2 3-6S-6E  
X165:10-3-28(C)(2)(B) WDFD (DOC WATKINS 2-3H)  
NCT 500' TO DOC WATKINS 1-3H  
XTO ENERGY INC.  
10-20-2014

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

095 20638 DOC WATKINS 2-3H

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
LOCATION EXCEPTION - 631999	10/24/2014 - G75 - (I.O.) N2 3-6S-6E X627207 WDFD SHL 690 FNL, 499 FEL COMPL. INT. NCT 165 FEL, NCT 165 FWL, NCT 850 FNL XTO ENERGY INC. 10-20-2014
MEMO	10/15/2014 - G76 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201404675	10/24/2014 - G75 - N2 3-6S-6E X627207 WDFD 1 WELL NO OP. NAMED REC 10-8-2014 (NORRIS)
SPACING - 627207	10/24/2014 - G75 - (320) N2 3-6S-6E LD NLT 660' FB VAC OTHERS VAC 40136 WDFD NE4 VAC 272341 WDFD, OTHERS SE4 NW4 EST WDFD, OTHERS

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293

API 095-20638

MARSHALL

County, Oklahoma

690'FNL-499'FEL Section 3 Township 6S Range 6E I.M.

X= 2401567  
Y= 270991

X= 2402524  
Y= 271004

X= 2406859  
Y= 271059

BOTTOM HOLE  
990'FNL-20'FWL  
NAD - 27  
34°04'04.9"N  
96°40'26.1"W  
34.068026°N  
96.673919°W  
X= 2401601  
Y= 270002

LINE	AZIMUTH	LENGTH
L1	131.182731°	449'
L2	269.267930°	5107'

**LEGEND:**  
○ PROPOSED SURFACE HOLE (PSHL)  
● CONDUCTOR PIPE (CP)  
\* EXISTING WELLHEAD/PRODUCTION WELL  
\* PLUGGED & ABANDONED WELL  
\* PER OGLD RECORDS  
\* PROPOSED LANDING POINT (LP)  
\* PROPOSED BOTTOM HOLE (PBHL)  
\* PROPOSED OTHER LATERAL LINES (PLL)

Falls in Lake  
CALCULATED  
X= 2401653  
Y= 265694

BOTTOM HOLE, LANDING POINT, AND DRILL PATH  
INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED;  
DISTANCE BETWEEN DRILL PATHS ARE CALCULATED

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

## ELEVATION:

680' Gr. on level pad

Operator: XTO ENERGY, INC.

Lease Name: DOC WATKINS

Well No.: 2-3H

Topography & Vegetation Loc. fell on level pad, 40' South of Watkins 1-3H2

Good Drill Site? Yes

Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From North off county road, 40' South of Watkins 1-3H2

Distance & Direction

from Hwy Jct or Town From Little City, OK., go ±3.0 mi. West on St. Hwy 199 to

Indian Road, then ± 1.0 mi. South to Existing lease road in the NE corner of Section 3-T6S-R6E

**DATE:** NAD-27  
**LAT:** 34°04'07.8"N  
**LONG:** 96°39'29.4"W  
**LAT:** 34.068845°N  
**LONG:** 96.658160°W  
**STATE PLANE**  
**COORDINATES:** (US Feet)  
**ZONE:** OK SOUTH  
**X:** 2406369  
**Y:** 270363

Invoice # 224837 Date of Drawing: Jun. 16, 2014  
Date Staked: Jun. 13, 2014

## CERTIFICATE:

I, Lee K. Goss a Oklahoma Licensed Land  
Surveyor and an authorized agent of Topographic Land  
Surveyors of Oklahoma, do hereby certify that the above  
described well location was surveyed and staked on the  
ground as shown herein.

Oklahoma Lic. No. 1778

