

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

API NUMBER: 095 20644

Approval Date: 02/25/2015

Expiration Date: 08/25/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 6S Rge: 7E

County: MARSHALL

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 265 1460

Lease Name: AUSTIN

Well No: 3-5H

Well will be 265 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 8178853255; 8178852

OTC/OCC Number: 21003 0

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

GARRY & DARLA AUSTIN  
3024 WHITEHALL LANE  
WICHITA FALLS OK 76309

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

Name	Depth	Name	Depth
1 WOODFORD	6300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 581504

Location Exception Orders: 635100

Increased Density Orders: 635771

Pending CD Numbers:

Special Orders:

Total Depth: 11700

Ground Elevation: 701

**Surface Casing: 1990**

Depth to base of Treatable Water-Bearing FM: 650

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

Type of Mud System: AIR

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 15-29372

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: BOKCHITO

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

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: BOKCHITO

#### 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: BOKCHITO

#### HORIZONTAL HOLE 1

Sec 05 Twp 6S Rge 7E County MARSHALL

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 1660

Depth of Deviation: 5663

Radius of Turn: 637

Direction: 355

Total Length: 5036

Measured Total Depth: 11700

True Vertical Depth: 6400

End Point Location from Lease,

Unit, or Property Line: 1

#### Notes:

##### Category

##### Description

DEEP SURFACE CASING

2/20/2015 - G64 - 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

INCREASED DENSITY - 635771

2/23/2015 - G76 - 5-6S-7E  
X581504 WDFD  
6 WELLS  
XTO ENERGY INC.  
1/28/2015

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.

095 20644 AUSTIN 3-5H

Category	Description
LOCATION EXCEPTION - 635100	2/25/2015 - G76 - (I.O.) 5-6S-7E X581504 WDFD SHL 265 FSL, 1460 FEL COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 1610 FEL XTO ENERGY INC. 1/12/2014
MEMO	2/20/2015 - G64 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 581504	2/23/2015 - G76 - (640) 5-6S-7E EXT 557804 WDFD, OTHERS

API 095-20644

MARSHALL

County, Oklahoma

265° FSL-1460° FEL Section 5 Township 6S Range 7E I.M.

X 2422594  
Y 271263

X 2427884  
Y 271317

Township Line -

T6S - R7E

1st Standard Parallel South

X 2425239  
Y 271294

BOTTOM HOLE  
0° FNL-1660° FEL  
NAD 27  
N 34° 04' 14.5"  
W 96° 35' 33.2"  
N 34.070685°  
W 96.592563°  
X 2426224  
Y 271302

LOT 4

LOT 3

LOT 2

LOT 1

CUMBERLAND, OK

S/2-NW/4

S/2-NE/4

640'

X 2422631  
Y 268635

X 2427918  
Y 268690

5

GRID  
Scale:  
1" = 1000'

- LEGEND:
- PROPOSED SURFACE HOLE (PSHL)
  - CONDUCTOR PIPE (CP)
  - ✱ EXISTING WELLHEAD/PRODUCTION WELL
  - ✱ PLUGGED & ABANDONED WELL
  - ✱ PER OCLO RECORDS
  - PROPOSED LANDING POINT (LP)
  - ✱ PROPOSED BOTTOM HOLE (PBHL)

LINE TABLE

LINE	AZIMUTH	LENGTH
L1	242.704954°	224'
L2	359.256001°	5104'

LANDING POINT  
165° FSL-1660° FEL  
NAD 27  
N 34° 03' 24.0"  
W 96° 35' 33.3"  
N 34.056658°  
W 96.592579°  
X 2426290  
Y 266199

X 2422655  
Y 265988

X 2425309  
Y 266021

X 2427953  
Y 266055

BOTTOM HOLE, LANDING POINT, AND DRILL PATH  
INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED;  
DISTANCE BETWEEN DRILL PATHS ARE CALCULATED AND CORNER  
COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

Operator: XTO ENERGY, INC.

Lease Name: AUSTIN

Well No.: 3-5H

ELEVATION:

701' Gr. on Level Pad

Topography & Vegetation Loc. fell on existing pad

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

Best Accessibility to Location Northwest off Aaron Road

Distance & Direction

from Hwy Jct or Town From Robinson Corner, go ± 1 mile South to the North Line 5, T6S - R7E, then continue South ± 0.5 mile, then East ± 0.25 mile to Aaron Road, then South, Southeast on Aaron Road ± 0.5 miles to the Southeast Corner of Section 5, T6S - R7E.

Revision ☒ A

Date of Drawing: Feb. 5, 2013

Invoice # 191458B

Date Staked: Oct. 12, 2012

NMB

DATUM: NAD-27

LAT: 34° 03' 25.0" N

LONG: 96° 35' 30.9" W

LAT: 34.056933° N

LONG: 96.591919° W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK SOUTH

X: 2426489

Y: 266302

CERTIFICATE:

I, Thomas L. Howell 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 Reg. No. 1433

