

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

API NUMBER: 095 20640

Approval Date: 02/13/2015

Expiration Date: 08/13/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 4S Rge: 5E

County: MARSHALL

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 262 1543

Lease Name: GOODMAN

Well No: 2-33H

Well will be 262 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

CATHY GOODMAN
23405 PETTIJOHN SPRINGS ROAD
MADILL OK 73446

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

| | Name | Depth | Name | Depth |
|---|----------|-------|------|-------|
| 1 | CANEY | 9000 | 6 | |
| 2 | SYCAMORE | 9200 | 7 | |
| 3 | WOODFORD | 9350 | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: 583313

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500238
201500237
201500234

Special Orders:

Total Depth: 14500

Ground Elevation: 784

Surface Casing: 1990

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 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: GOODLAND/WALNUT

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: 15-29547

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: GOODLAND/WALNUT

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: GOODLAND/WALNUT

HORIZONTAL HOLE 1

Sec 33 Twp 4S Rge 5E County MARSHALL

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 2430

Depth of Deviation: 8384

Radius of Turn: 637

Direction: 15

Total Length: 5115

Measured Total Depth: 14500

True Vertical Depth: 9350

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

2/13/2015 - 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

2/13/2015 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

095 20640 GOODMAN 2-33H

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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

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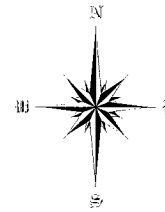
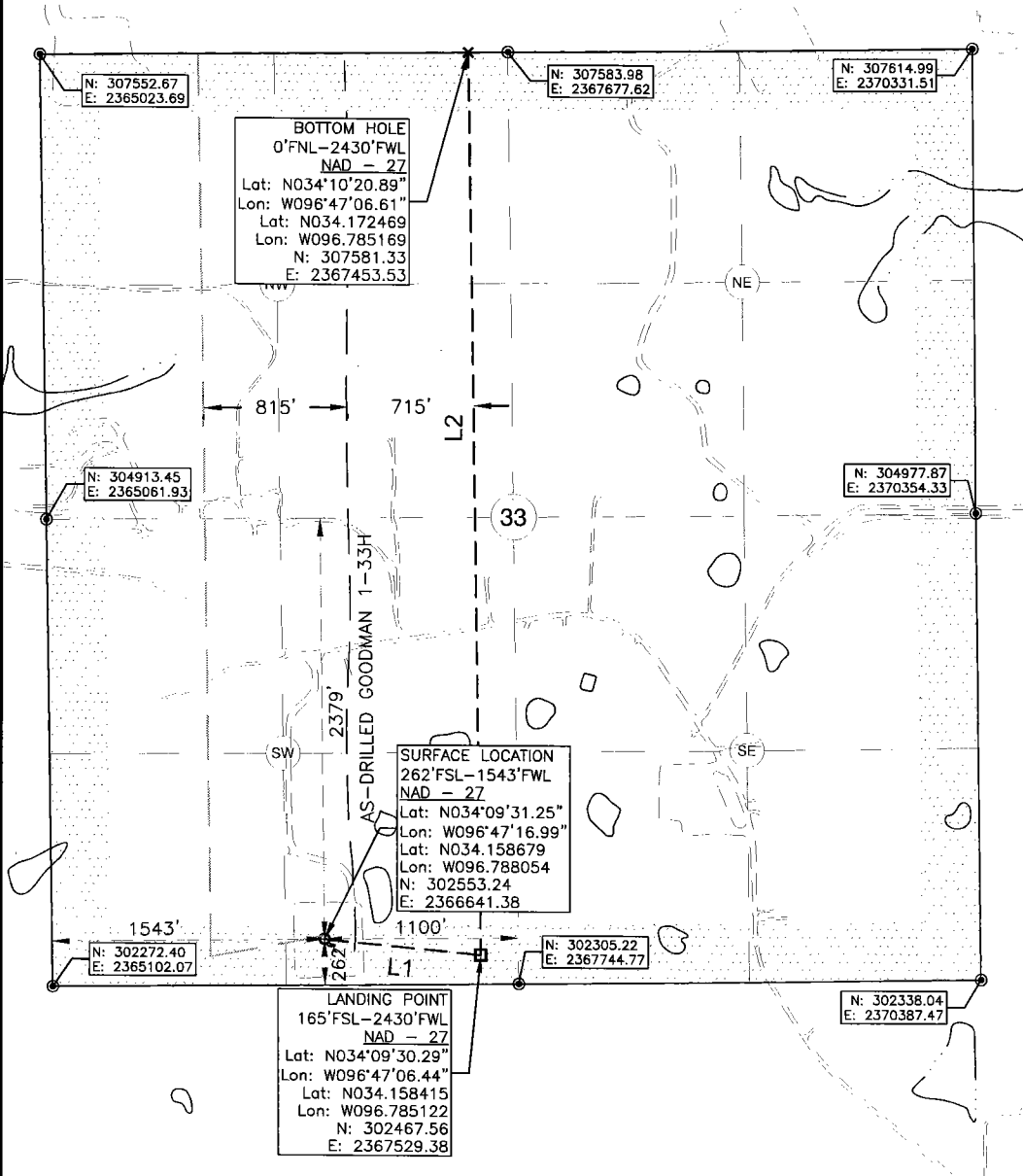
| Category | Description |
|------------------------|---|
| PENDING CD - 201500234 | 2/13/2015 - G76 - 33-4S-5E X583313 WDFD 2 WELLS NO OP. NAMED REC. 2/9/2015 (NORRIS) |
| PENDING CD - 201500237 | 2/13/2015 - G76 - (I.O.) 33-4S-5E X165:10-3-28(C) WDFD (GOODMAN 2-33H) LESS THAN 600' FROM PROPOSED/EXISTING WELLS XTO ENERGY, INC. REC. 2/9/2015 (NORRIS) |
| PENDING CD - 201500238 | 2/13/2015 - G76 - (I.O.) 33-4S-5E X583313 CNEY, SCMR, WDFD, OTHER SHL 262 FSL, 1543 FWL COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 2300 FWL NO OP. NAMED REC. 2/9/2015 (NORRIS) |
| SPACING - 583313 | 2/13/2015 - G76 - (640) 33-4S-5E EXT 533420/536299 CNEY, SCMR, WDFD, OTHERS EST OTHER |

API-095-20640

GOODMAN 2-33H

SECTION 33

TOWNSHIP 4 SOUTH, RANGE 5 EAST
MARSHALL COUNTY, OKLAHOMA



OPERATOR:



LEGEND:

- EXISTING WELL HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- PROPOSED LANDING POINT (LP)
- PROPOSED BOTTOM HOLE (PBHL)

DRILLING UNIT

| Line Table | | |
|------------|------------|---------|
| Line # | Azimuth | Length |
| L1 | 095.511047 | 892.13 |
| L2 | 359.150190 | 5114.34 |



NOTES:
1. This survey does not represent a boundary survey. It is for Geographical Information Systems (GIS) purposes only as instructed by the client and is not to be relied upon for the establishment of fences, buildings or other further improvement lines. Positions were taken with Survey Grade RTK GPS and NGS OPUS processed control using the NAD27 Oklahoma South State Plane Coordinate System.
2. Bottom hole information provided by operator listed, not surveyed and corner coordinates are taken from points surveyed in field.

Surface Hole Location: 262' From South Line Section 33
1543' From West Line Section 33

Latitude: N34.158679° (NAD 27)
Longitude: W96.788054° (NAD 27)
Latitude: N34.158776° (NAD 83)
Longitude: W96.788337° (NAD 83)

Ground Elev: 784.7

Landing Point Location: 165' From South Line Section 33
2430' From West Line Section 33

Bottom Hole Location: 0' From North Line Section 33
2430' From West Line Section 33

Drilling Unit: Section 33, T4S, R5E

Operator: XTO Energy, Inc.

Best Accessibility to Location: From North.

Distance & Direction from Hwy Jct or Town:
From the Intersection of Hwy 177 and Pettijohn Springs Rd. go North on Pettijohn Springs Rd 3.8mi. to Existing Access Rd. Well Location to the South.

I, Chad Fox, a duly registered Professional Land Surveyor in the State of OKLAHOMA, do hereby certify that the drawing shown hereon was completed and represents a good and accurate survey made upon the ground by me or under my direct supervision.

CHAD FOX P.L.S. NO. 1758
C.O.A. NO. 6186 EX. DATE: 31JAN14



CDF AND ASSOCIATES, LLC.

208 Dewey Ave. Poteau, OK 74953 (918) 649-3303
Certificate of Authorization No. 6186

JOB NO: XTO/WP14/GOODMAN 2-33H **DRAWN BY:** LD
DATE: 02/OCT/14 **REV:** A **SCALE:** 1" = 1,000' **SHT NO.** 1