

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

API NUMBER: 095 20674

Approval Date: 04/09/2019

Expiration Date: 10/09/2020

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 4S Rge: 6E

County: MARSHALL

SPOT LOCATION: ☐ SE ☐ NW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 768 377

Lease Name: GILMORE

Well No: 2-32H33X34

Well will be 377 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 4053193208; 8178852

OTC/OCC Number: 21003 0

XTO ENERGY INC
22777 SPRINGWOODS VILLAGE PKWY
SPRING, TX 77389-1425

RONALD D. GILMORE
22281 BELL CREEK ROAD
& RONALD DORIS GILMORE II, REMAINDERMAN
MADILL OK 73446

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

| | Name | Depth | Name | Depth |
|---|----------|-------|------|-------|
| 1 | SYCAMORE | 6801 | 6 | |
| 2 | WOODFORD | 6987 | 7 | |
| 3 | HUNTON | 7171 | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: 602199
600952
612098

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901498
201901493
201901502
201901504
201901506

Special Orders:

Total Depth: 22500

Ground Elevation: 747

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 730

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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: KIAMICHI

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

PERMIT NO: 19-36374

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: 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: KIAMICHI

HORIZONTAL HOLE 1

Sec 34 Twp 5S Rge 6E County MARSHALL

Spot Location of End Point: SW SW NE SE

Feet From: SOUTH 1/4 Section Line: 1480

Feet From: EAST 1/4 Section Line: 1280

Depth of Deviation: 6900

Radius of Turn: 764

Direction: 89

Total Length: 14399

Measured Total Depth: 22500

True Vertical Depth: 7171

End Point Location from Lease,
Unit, or Property Line: 1280

Notes:

Category

Description

DEEP SURFACE CASING

4/2/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

4/2/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

4/2/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - 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.

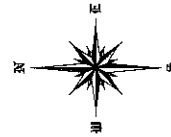
095 20674 GILMORE 2-32H33X34

| Category | Description |
|------------------------|--|
| PENDING CD - 201901493 | 4/9/2019 - G58 - (I.O.) 32, 33, 34-4S-6E X602199 SCMR, WDFD, HNTN X600952 SCMR, WDFD, HNTN X612098 SCMR, WDFD, HNTN (SCMR, HNTN ARE ADJACENT CSS TO WDFD) 35.7% 32-4S-6E 36.5% 33-4S-6E 27.8% 34-4S-6E NO OP. NAMED REC 4/1/2019 (M. PORTER) |
| PENDING CD - 201901498 | 4/9/2019 - G58 - (I.O.) 32, 33, 34-4S-6E X602199 SCMR, WDFD, HNTN X600952 SCMR, WDFD, HNTN X612098 SCMR, WDFD, HNTN COMPL. INT. 32-4S-6E NCT 1200' FSL, NCT 165' FWL, NCT 0' FEL COMPL. INT. 33-4S-6E NCT 1200' FSL, NCT 0' FWL, NCT 0' FEL COMPL. INT. 34-4S-6E NCT 1200' FSL, NCT 0' FWL, NCT 165' FEL NO OP. NAMED REC 4/1/2019 (M. PORTER) |
| PENDING CD - 201901502 | 4/9/2019 - G58 - 32-4S-6E X602199 WDFD 4 WELLS NO OP NAMED REC 4/1/2019 (M. PORTER) |
| PENDING CD - 201901504 | 4/9/2019 - G58 - 33-4S-6E X600952 WDFD 4 WELLS NO OP. NAMED REC 4/1/2019 (M. PORTER) |
| PENDING CD - 201901506 | 4/9/2019 - G58 - 34-4S-6E X612098 WDFD 2 WELLS NO OP. NAMED REC 4/1/2019 (M. PORTER) |
| SPACING - 600952 | 4/9/2019 - G58 - (640) 33-4S-6E EST OTHERS EXT SCMR, WDFD, HNTN, OTHERS |
| SPACING - 602199 | 4/9/2019 - G58 - (640) 32-4S-6E EXT OTHER EXT 600952 SCMR, WDFD, HNTN, OTHERS |
| SPACING - 612098 | 4/9/2019 - G58 - (640) 34-4S-6E EXT 592373 SCMR, WDFD, HNTN, OTHERS |

Gilmore 2-32H33X34

SECTION 32
TOWNSHIP 4 SOUTH, RANGE 6 EAST
MARSHALL COUNTY, OKLAHOMA

095-20674



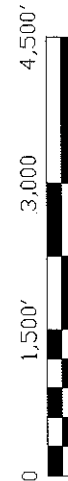
OPERATOR:



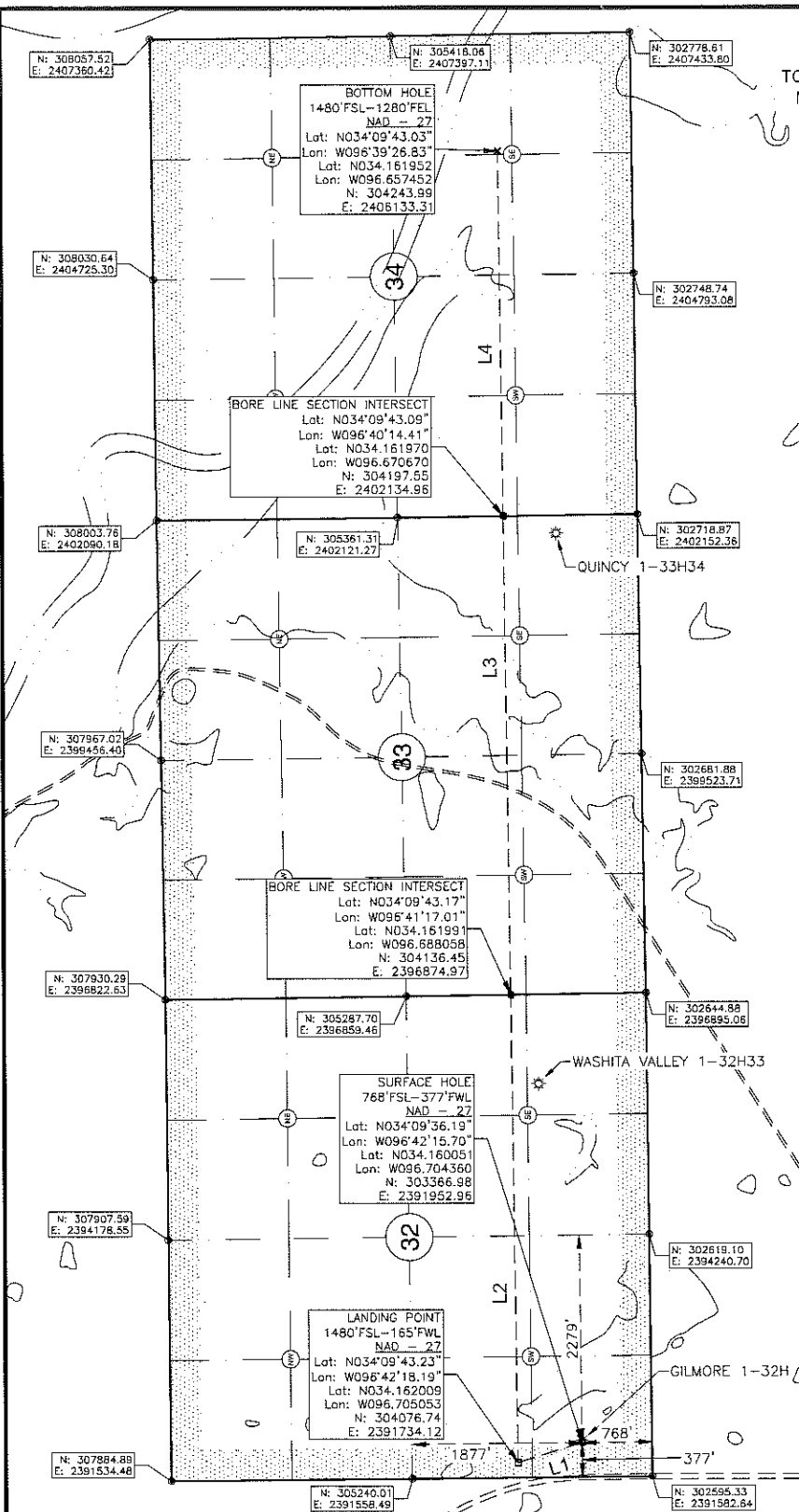
LEGEND:

- EXISTING WELL HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- PROPOSED LANDING POINT (LP)
- PROPOSED DIVERSION POINT
- PROPOSED BOTTOM HOLE (PBHL)
- BORE LINE SECTION LINE INTERSECT
- EXISTING WELL BORE
- PROPOSED WELL BORE
- SUBJECT WELL BORE
- DRILLING UNIT

| Line Table | | |
|------------|------------|---------|
| Line # | Azimuth | Length |
| L1 | 342.863743 | 742.74 |
| L2 | 089.334525 | 5141.19 |
| L3 | 089.334525 | 5260.35 |
| L4 | 089.334525 | 3998.62 |



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 improvements. The survey was conducted 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: 768' From South Line Section 32
377' From West Line Section 32

Latitude: N34.160051° (NAD 27)
Longitude: W96.704360° (NAD 27)
Latitude: N34.160147° (NAD 83)
Longitude: W96.704640° (NAD 83)

Ground Elev: 747.43

Landing Point Location: 1480' From South Line of Section 32
165' From West Line of Section 32

Bottom Hole Location: 1480' From South Line Section 34
1280' From East Line Section 34

Drilling Unit: Sec. 32, 33, 34, T5S, R6E

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.

Operator: XTO Energy, Inc.

Best Accessibility to Location: From West

Distance & Direction from Hwy Jct or Town:
From the intersection of HWY 70 and HWY 99 in Madill, Ok., then Northeast on HWY 99 6.5mi to Existing Access Rd. Well Location to the East.

CHAD FOX P.L.S. NO. 1758
EX. DATE: 31JAN20 C.O.A. NO. 6186

CDF AND ASSOCIATES, LLC.

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

JOB NO: XTO/WP19/GILMORE 2-32H33X34 DRAWN BY: LD
DATE: 19/FEB/19 REV: A SCALE: 1" = 1,500' SHT. NO. 1

