

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

API NUMBER: 019 26300

Approval Date: 06/22/2018

Expiration Date: 12/22/2018

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 4S Rge: 2W

County: CARTER

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 498

Lease Name: HEWITT UNIT

Well No: 22-6003

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 4053193208; 8178852

OTC/OCC Number: 21003 0

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

KAISER-FRANCIS OIL COMPANY
6733 SOUTH YALE AVENUE
TULSA OK 74136

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

	Name	Depth	Name	Depth
1	PONTOTOC	1010	6	
2	HOXBAR	3128	7	
3	DEESE	3901	8	
4			9	
5			10	

Spacing Orders: 67990

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4200

Ground Elevation: 904

Surface Casing: 650

Depth to base of Treatable Water-Bearing FM: 470

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 located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-34729

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Notes:

Category

Description

HYDRAULIC FRACTURING

6/21/2018 - G71 - OCC 165:10-3-10 REQUIRES:

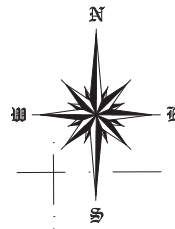
1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

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: OCCWEB.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

SPACING - 67990

6/21/2018 - G57 - (UNIT) 22-4S-2W
EST HEWITT UNIT FOR THE BASE OF THE DEESS TO THE SURFACE



N: 313918.94
E: 2180117.53

22

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SW

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61

SURFACE LOCATION
200' FSUL-165' FWUL
NAD - 27
Lat: N034°11'16.01"
Lon: W097°23'50.09"
Lat: N034.187781
Lon: W097.397247
N: 311486.59
E: 2182286.50

N: 311946.68
E: 2182118.16

N: 311950.53
E: 2182781.17

N: 311285.59
E: 2182122.96

N: 311289.62
E: 2182786.31

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.

LEGEND:



EXISTING WELL HEAD/PRODUCTION WELL



PROPOSED SURFACE HOLE (PSHL)



SECTION CORNER



UNIT LINE



DRILLING UNIT

0 400' 800' 1,200'



Surface Hole Location: 200' From South Line of Unit 60
165' From West Line of Unit 60

Latitude: N34.187781° (NAD 27)
Longitude: W97.397247° (NAD 27)
Latitude: N34.187874° (NAD 83)
Longitude: W97.397546° (NAD 83)

Ground Elev: 903.92

Drilling Unit: Unit 60 (SE/4 SE/4 SW/4),
Section 22, T4S, R2W

Operator: XTO Energy, Inc.

Best Accessibility to
Location: From South

Distance & Direction from
Hwy Jct or Town:
From the Intersection of
Interstate 70 and Dillard
Rd, go North 1.0mi on
Dillard Rd to Memorial Rd.
Then go 0.4mi East on
Memorial Rd. Well
location to the North.

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
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/WP18/HU 22-6003	DRAWN BY:	LD
DATE: 06/JUN/18	REV:	C	SCALE: 1" = 400'
		SHT NO.	1