

API NUMBER: 019 26491

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

Approval Date: 06/14/2022
Expiration Date: 12/14/2023

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 22 Township: 4S Range: 2W County: CARTER

SPOT LOCATION: ☐ NE ☐ SW ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 418 545

Lease Name: HEWITT UNIT Well No: 22-5702 Well will be 418 feet from nearest unit or lease boundary.
Operator Name: XTO ENERGY INC Telephone: 4053193200; 8178852283 OTC/OCC Number: 21003 0

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

SHARLA CARLILE
8040 DILLARD ROAD
WILSON OK 73463

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

	Name	Code	Depth
1	PONTOTOC	419PNTC	750
2	HOXBAR	405HXBR	1878
3	DEESE	404DEESS	3013

Spacing Orders: 67990

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 3500 Ground Elevation: 926

Surface Casing: 630

Depth to base of Treatable Water-Bearing FM: 530

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38363
H. (Other) CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 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: BED AQUIFER

Pit Location Formation: WELLINGTON

NOTES:

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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
HYDRAULIC FRACTURING	<p>[6/13/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
SPACING - 67990	<p>[6/13/2022 - G56] - (UNIT) 22-4S-2W EST HEWITT UNIT FOR BASE OF DEESS TO SURFACE</p>

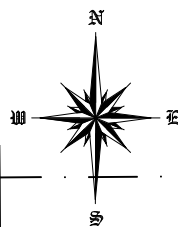
OPERATOR:



HU 22-5702

SECTION 22

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



22

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52

N: 311938.83
E: 2180792.17

N: 311934.85
E: 2180129.15

SURFACE LOCATION
244' FNUL-118' FEUL
418' FSL-545' FWL
NAD - 27
Lat: N034°11'18.16"
Lon: W097°24'09.25"
Lat: N034.188379
Lon: W097.402571
N: 311694.48
E: 2180675.28

545'

57

244'

118'

58

59

60

61

N: 311273.49
E: 2180133.01

N: 311277.52
E: 2180796.35

NOTES:

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0 400' 800' 1,200'



Surface Hole Location: 244' From North Line of Unit 57
118' From East Line of Unit 57

418' From South Line of Sec 22
545' From West Line of Sec 22

Latitude: N34.188379 (NAD 27)
Longitude: W97.402571° (NAD 27)
Latitude: N34.188472° (NAD 83)
Longitude: W97.402870° (NAD 83)

Ground Elev: 926.17

Drilling Unit: Unit 57 (SW/4 SW/4 SW/4),
Section 22, T4S, R2W

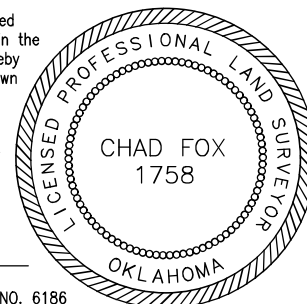
LEGEND:

- EXISTING WELL
- HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- UNIT LINE
- DRILLING UNIT

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

CHAD FOX P.L.S. NO. 1758
EX. DATE: 31JAN24 C.O.A. NO. 6186



Operator: XTO Energy, Inc.
Best Accessibility to Location: From Southwest

Distance & Direction from Hwy Jct or Town:
From the Intersection of Dillard Rd and Memorial Rd., Well location to the Northeast.

CDF AND ASSOCIATES, LLC.

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

JOB NO:	XTO/WP21/HU 22-5702	DRAWN BY:	LD
DATE: 03/JUN/22	REV:	A	SCALE: 1" = 400'
			SHT NO. 1

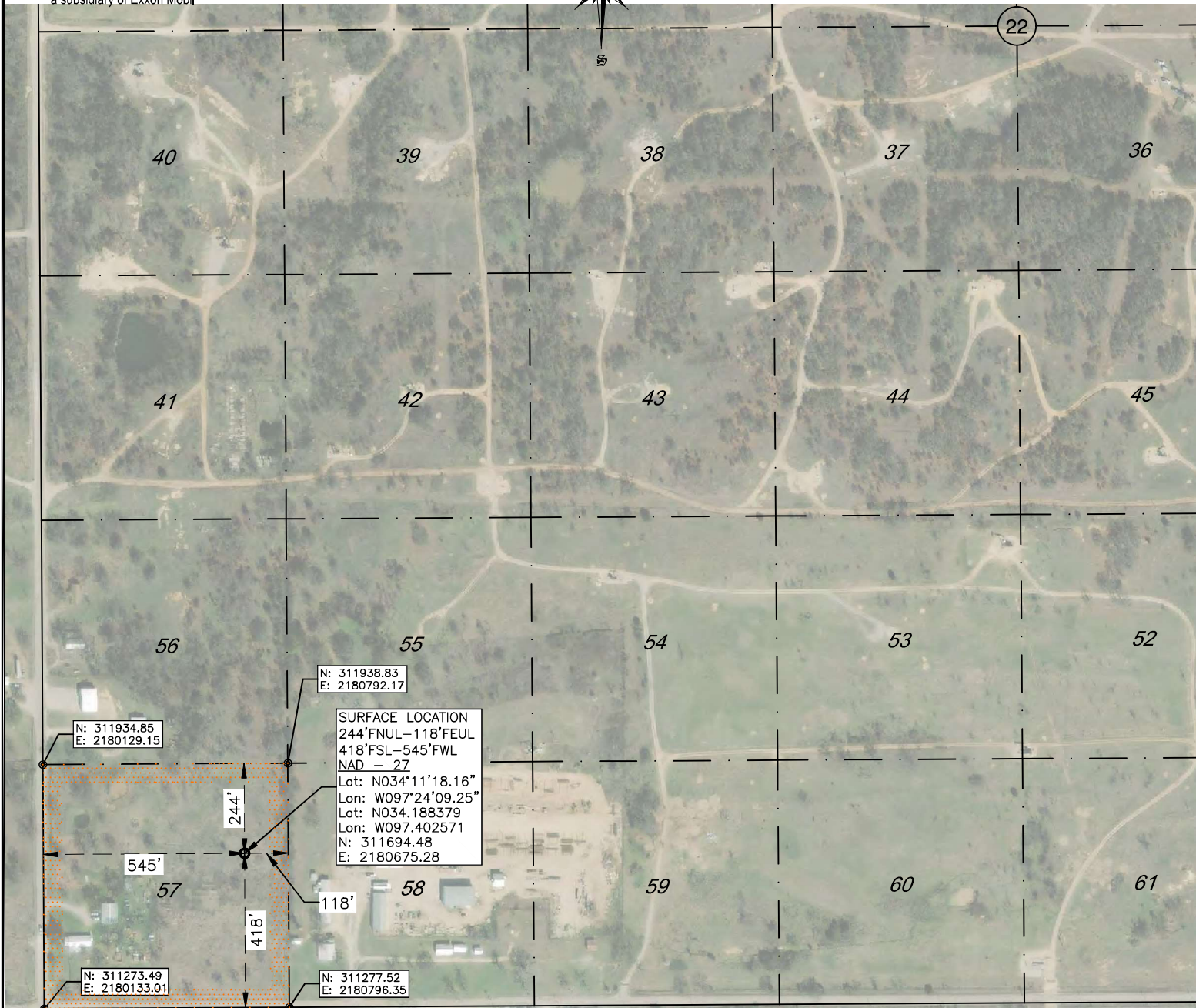
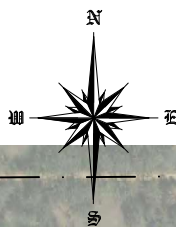
OPERATOR:



HU 22-5702

SECTION 22

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



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Section 22, T4S, R2W

LEGEND:

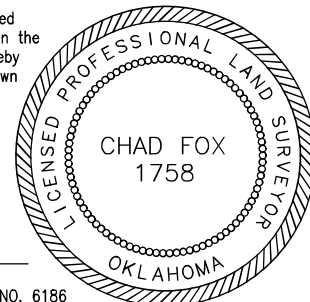
- EXISTING WELL
- HEAD/PRODUCTION WELL
- PROPOSED SURFACE HOLE (PSHL)
- SECTION CORNER
- UNIT LINE
- DRILLING UNIT

Operator: XTO Energy, Inc.
Best Accessibility to
Location: From Southwest

Distance & Direction from
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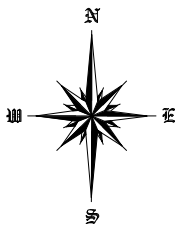


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DATE: 03/JUN/22	REV:	A	SCALE: 1" = 400'
			SHT NO. 2

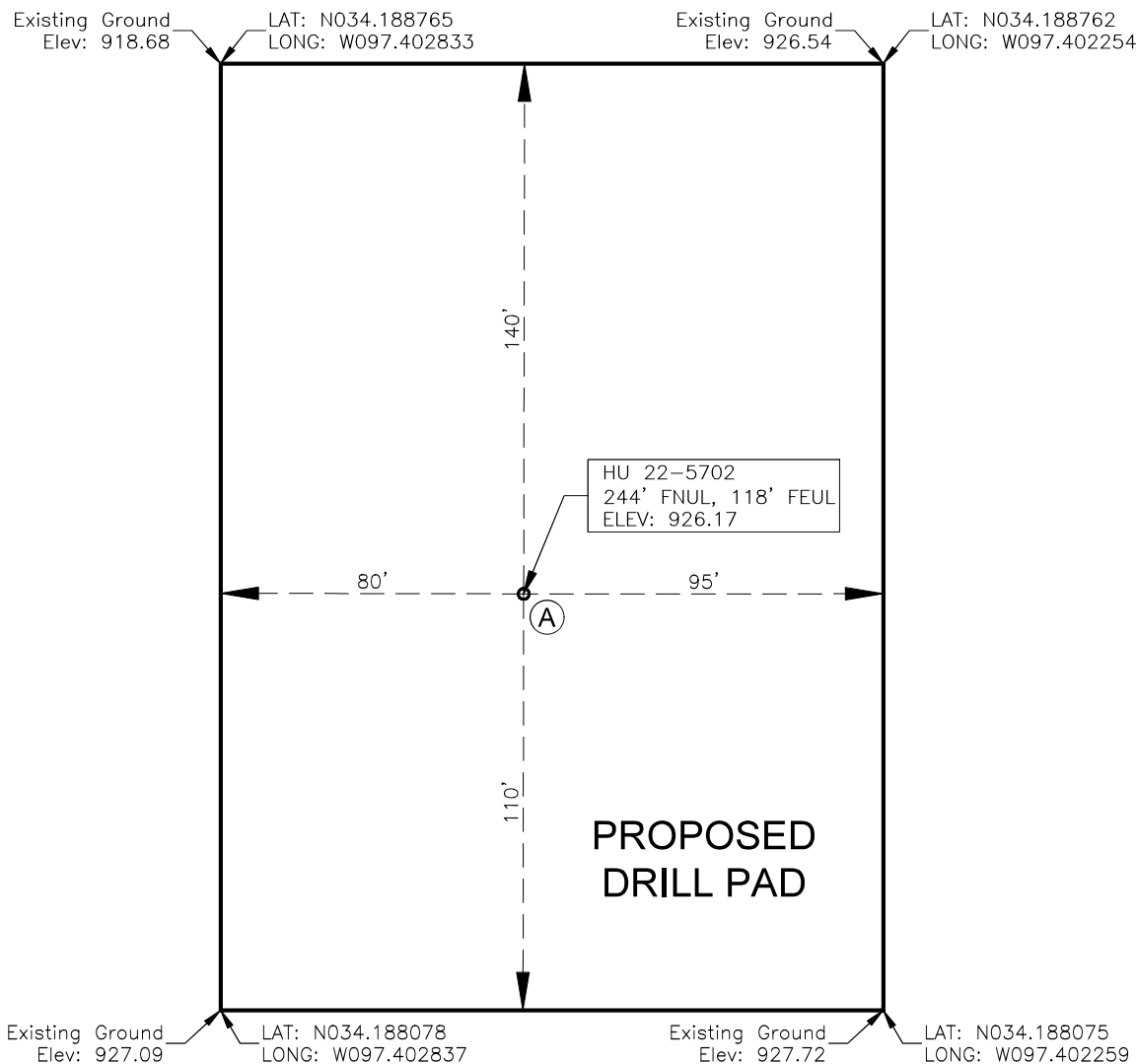
OPERATOR:



HU 22-5702

SECTION 22

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



SLOT

(A) HU 22-5702, 244' FNUL, 118' FEUL, ELEV: 926.17

Surface Hole Location: 244' From North Line of Unit 57
118' From East Line of Unit 57

418' From South Line of Sec 22
545' From West Line of Sec 22

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Ground Elev: 926.17

Drilling Unit: Unit 57 (SW/4 SW/4 SW/4),
Section 22, T4S, R2W

Operator: XTO Energy, Inc.
Best Accessibility to
Location: From Southwest

Distance & Direction from
Hwy Jct or Town:
From the Intersection of
Dillard Rd and Memorial
Rd., Well location to the
Northeast.

LEGEND:

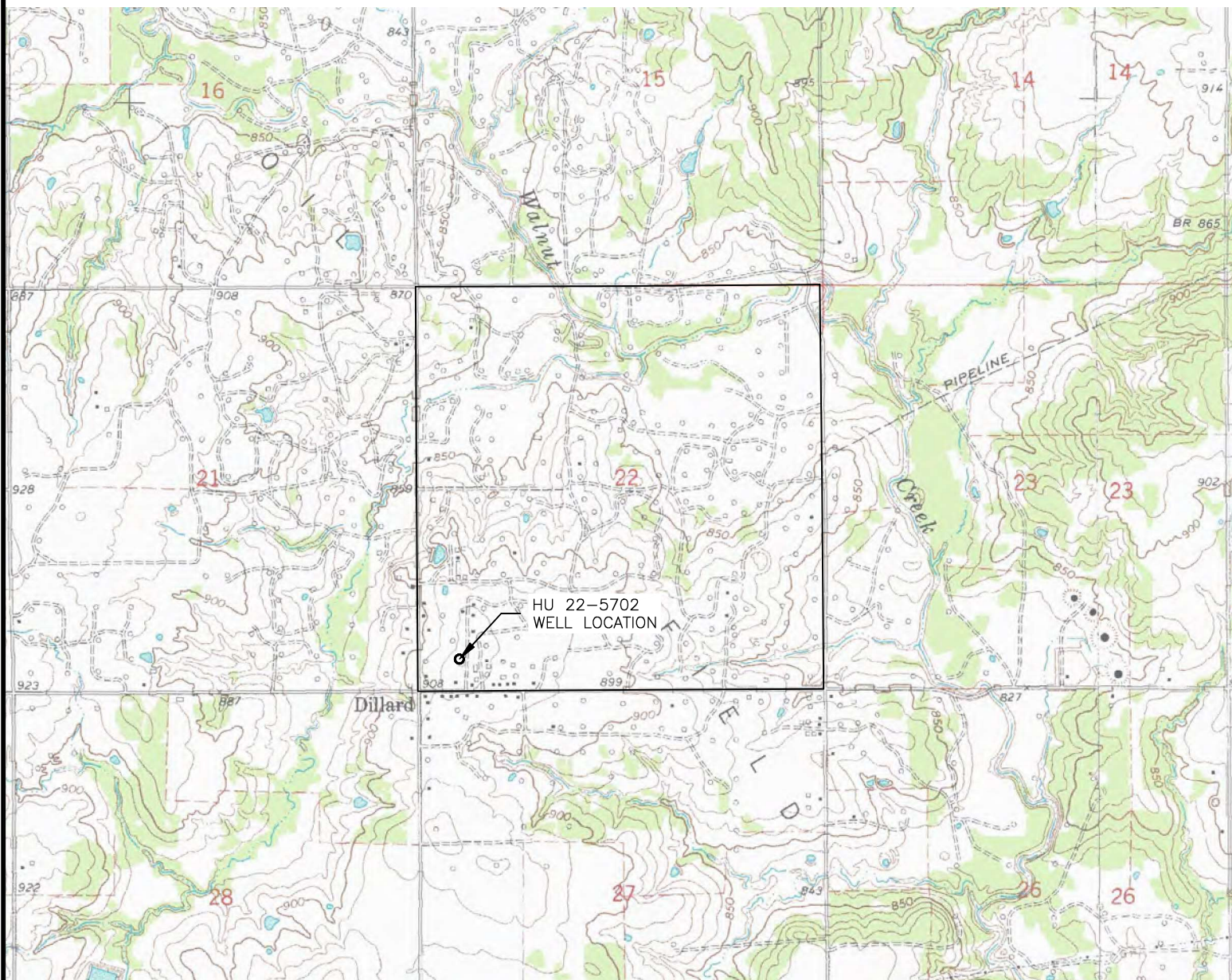
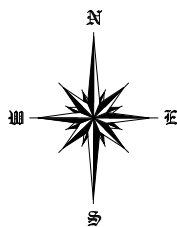
- PROPOSED SURFACE HOLE (PSHL)
- PROPOSED LANDING POINT (LP)
- x PROPOSED BOTTOM HOLE (PBHL)



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JOB NO:	XTO/WP21/HU 22-5702	DRAWN BY:	LD
DATE: 03/JUN/22	REV: A	SCALE: 1" = 50'	SHT NO. 3



Location and Elevation Verification

Surface Hole Location: 244' From North Line of Unit 57
 118' From East Line of Unit 57

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 545' From West Line of Sec 22

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 Longitude: W97.402571° (NAD 27)
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 Section 22, T4S, R2W

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 Best Accessibility to
 Location: From Southwest

Distance & Direction from
 Hwy Jct or Town:
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0 2,000' 4,000 6,000

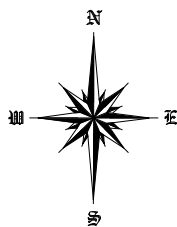


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JOB NO:	XTO/WP21/HU 22-5702	DRAWN BY:	LD
DATE: 03/JUN/22	REV:	A	SCALE: 1" = 2,000'
		SHT NO.	4

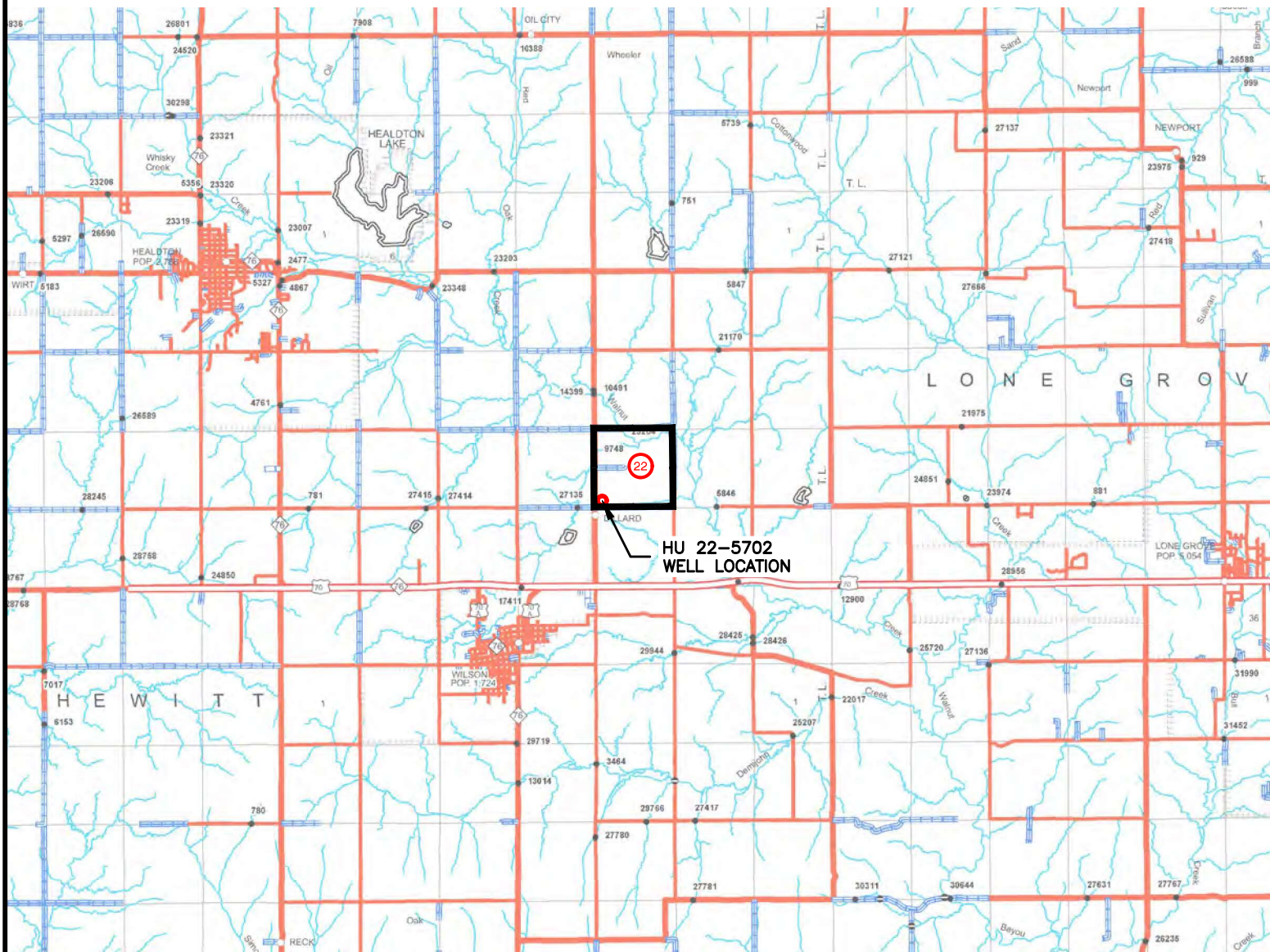
OPERATOR:



HU 22-5702

SECTION 22

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



Vicinity Map

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Distance & Direction from
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0 2 miles 4 miles 6 miles

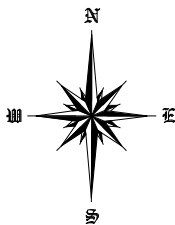


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JOB NO:	XTO/WP21/HU 22-5702	DRAWN BY:	LD
DATE: 03/JUN/22	REV:	A	SCALE: 1" = 2miles
			SHT NO. 5

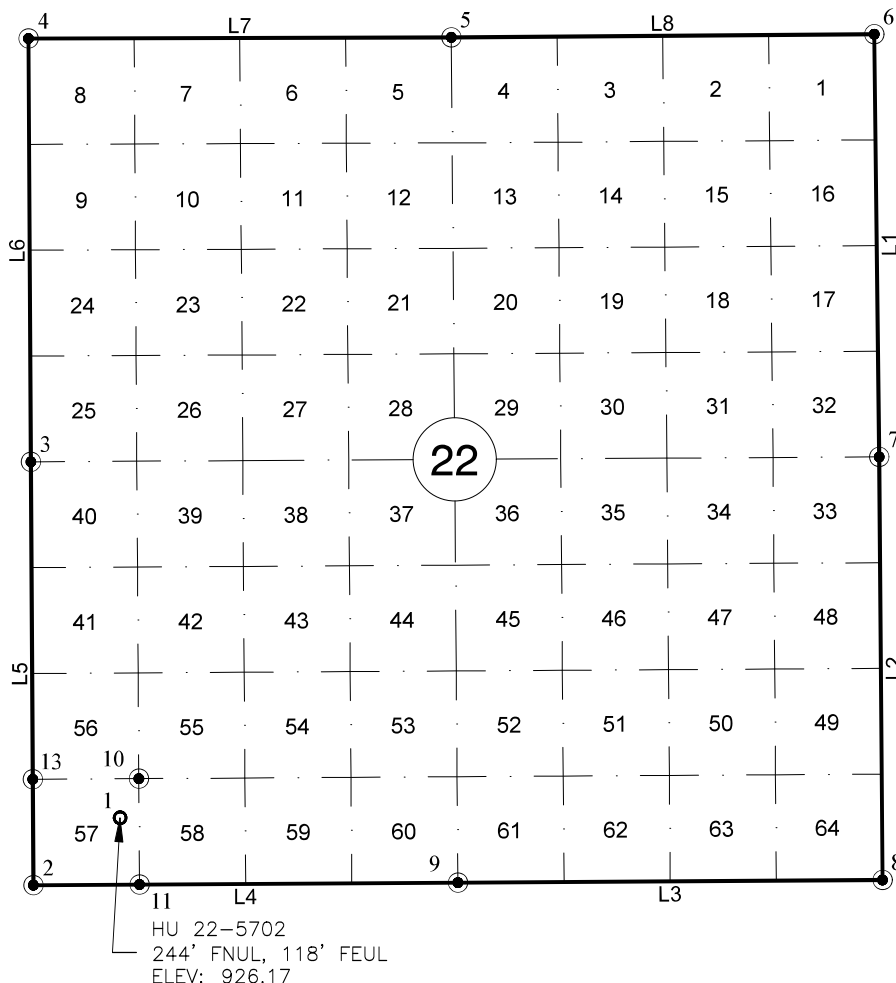
OPERATOR:



HU 22-5702

SECTION 22

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



NAD-27
Not to Scale

LEGEND:

- PROPOSED SURFACE HOLE (PSHL)
- PROPOSED LANDING POINT (LP)
- ⊠ PROPOSED TARGET 1 (T1)
- × PROPOSED BOTTOM HOLE (PBHL)
- ⊙ BORE LINE SECTION INTERSECT

SPCS/GEODETIC MAP

Surface Hole Location: 244' From North Line of Unit 57
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Distance & Direction from
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JOB NO:	XTO/WP21/HU 22-5702	DRAWN BY:	LD
DATE: 03/JUN/22	REV: A	SCALE:	N/A SHT NO. 6

OPERATOR:



HU 22-5702

SECTION 22

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA

Line Table

Line #	Azimuth	Length
L1	179.329256	2641.80
L2	179.554679	2643.77
L3	269.646925	2653.73
L4	269.652173	2653.41
L5	359.665317	2645.48
L6	359.660611	2645.43
L7	089.840081	2643.40
L8	089.575919	2643.37

Point Table

POINT	DESCRIPTION	NORTHING (NAD27)	EASTING (NAD27)	LATITUDE (NAD27)	LONGITUDE (NAD27)
1	HU 22-5702	311694.48 (usft)	2180675.28 (usft)	34.188379	-97.402571
2	SW CORNER SEC 22	311273.49 (usft)	2180133.01 (usft)	34.187231	-97.404372
3	W/4 CORNER SEC 22	313918.93 (usft)	2180117.56 (usft)	34.194500	-97.404372
4	NW CORNER SEC 22	316564.31 (usft)	2180101.89 (usft)	34.201770	-97.404372
5	N/4 CORNER SEC 22	316571.69 (usft)	2182745.28 (usft)	34.201747	-97.395630
6	NE CORNER SEC 22	316591.26 (usft)	2185388.57 (usft)	34.201757	-97.386888
7	E/4 CORNER SEC 22	313949.64 (usft)	2185419.50 (usft)	34.194497	-97.386838
8	SE CORNER SEC 22	311305.96 (usft)	2185440.05 (usft)	34.187232	-97.386824
9	S/4 CORNER SEC 22	311289.60 (usft)	2182786.37 (usft)	34.187231	-97.395598
10	NE CORNER UNIT 57	311938.83 (usft)	2180792.17 (usft)	34.189048	-97.402180
11	SE CORNER UNIT 57	311277.52 (usft)	2180796.35 (usft)	34.187231	-97.402179
13	NW CORNER UNIT 57	311934.85 (usft)	2180129.15 (usft)	34.189048	-97.404372

SPCS/GEODETIC TABLES

Surface Hole Location: 244' From North Line of Unit 57
118' From East Line of Unit 57418' From South Line of Sec 22
545' From West Line of Sec 22Latitude: N34.188379 (NAD 27)
Longitude: W97.402571° (NAD 27)
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Section 22, T4S, R2WOperator: XTO Energy, Inc.
Best Accessibility to
Location: From SouthwestDistance & Direction from
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JOB NO:	XT0/WP21/HU 22-5702	DRAWN BY:	LD
DATE: 03/JUN/22	REV: A	SCALE:	N/A SHT NO. 7