

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

API NUMBER: 019 26305

Approval Date: 06/22/2018

Expiration Date: 12/22/2018

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 4S Rge: 2W

County: CARTER

SPOT LOCATION: ☐ SW ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 386 498

Lease Name: HEWITT UNIT

Well No: 27-0505

Well will be 386 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

BILLY WILKINSON
P.O. BOX 278
SPRINGER OK 73458

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

	Name	Depth	Name	Depth
1	PONTOTOC	1110	6	
2	HOXBAR	3228	7	
3	DEESE	4001	8	
4			9	
5			10	

Spacing Orders: 67990

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4182

Ground Elevation: 902

Surface Casing: 650

Depth to base of Treatable Water-Bearing FM: 500

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 BED AQUIFER

Pit Location Formation: GARBER

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: 18-34723

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 BED AQUIFER

Pit Location Formation: GARBER

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

6/22/2018 - G57 - (UNIT) NE4 NE4, NW4 NW4 NE4, NE4 NE4 NW4 27-4S-2W
EST HEWITT UNIT FOR THE BASE OF THE DEESS TO THE SURFACE

OPERATOR:

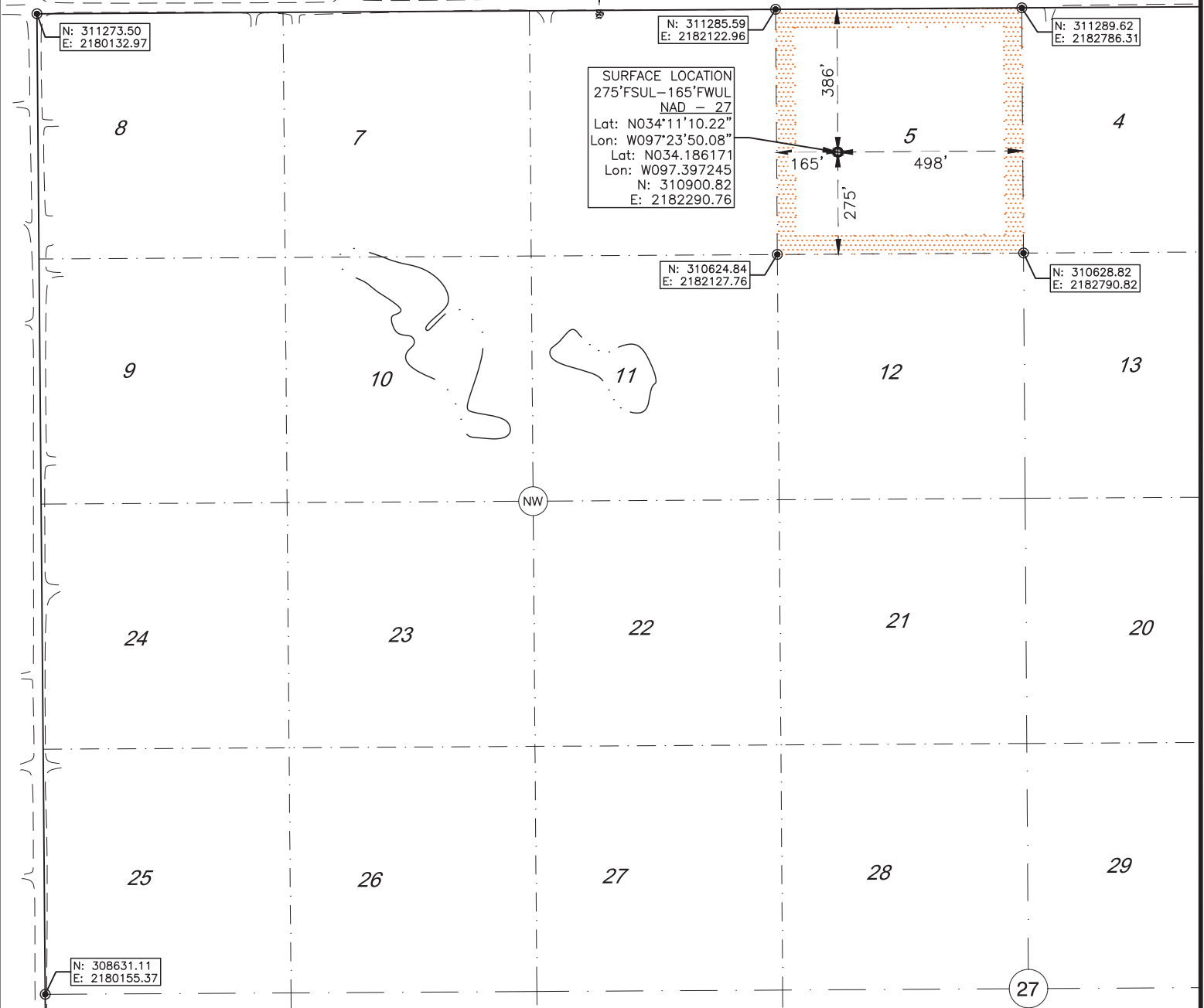


API: 019 26305

HU 27-0505

SECTION 27

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



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: 275' From South Line of Unit 5
165' From West Line of Unit 5

Latitude: N34.186171° (NAD 27)
Longitude: W97.397245° (NAD 27)
Latitude: N34.186265° (NAD 83)
Longitude: W97.397542° (NAD 83)
Ground Elev: 902.30

Drilling Unit: Unit 5 (NE/4 NE/4 NW/4),
Section 27, T4S, R2W

Operator: XTO Energy, Inc.

Best Accessibility to
Location: From North

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 0.2mi East on
Memorial 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
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 27-0505	DRAWN BY:	LD
DATE: 06/JUN/18	REV:	C	SCALE: 1" = 400'
		SHT NO.	1

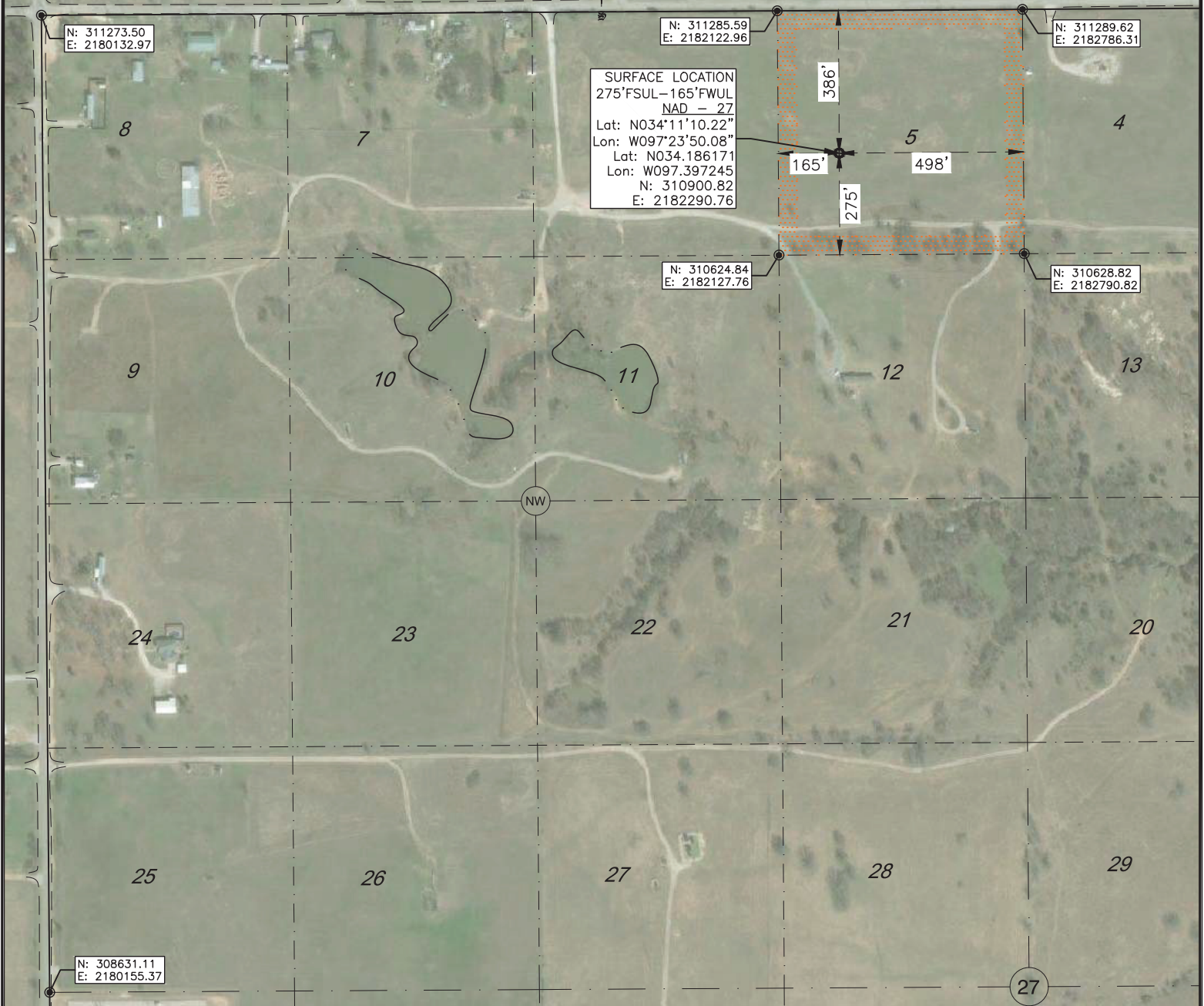
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		SHT NO.	2

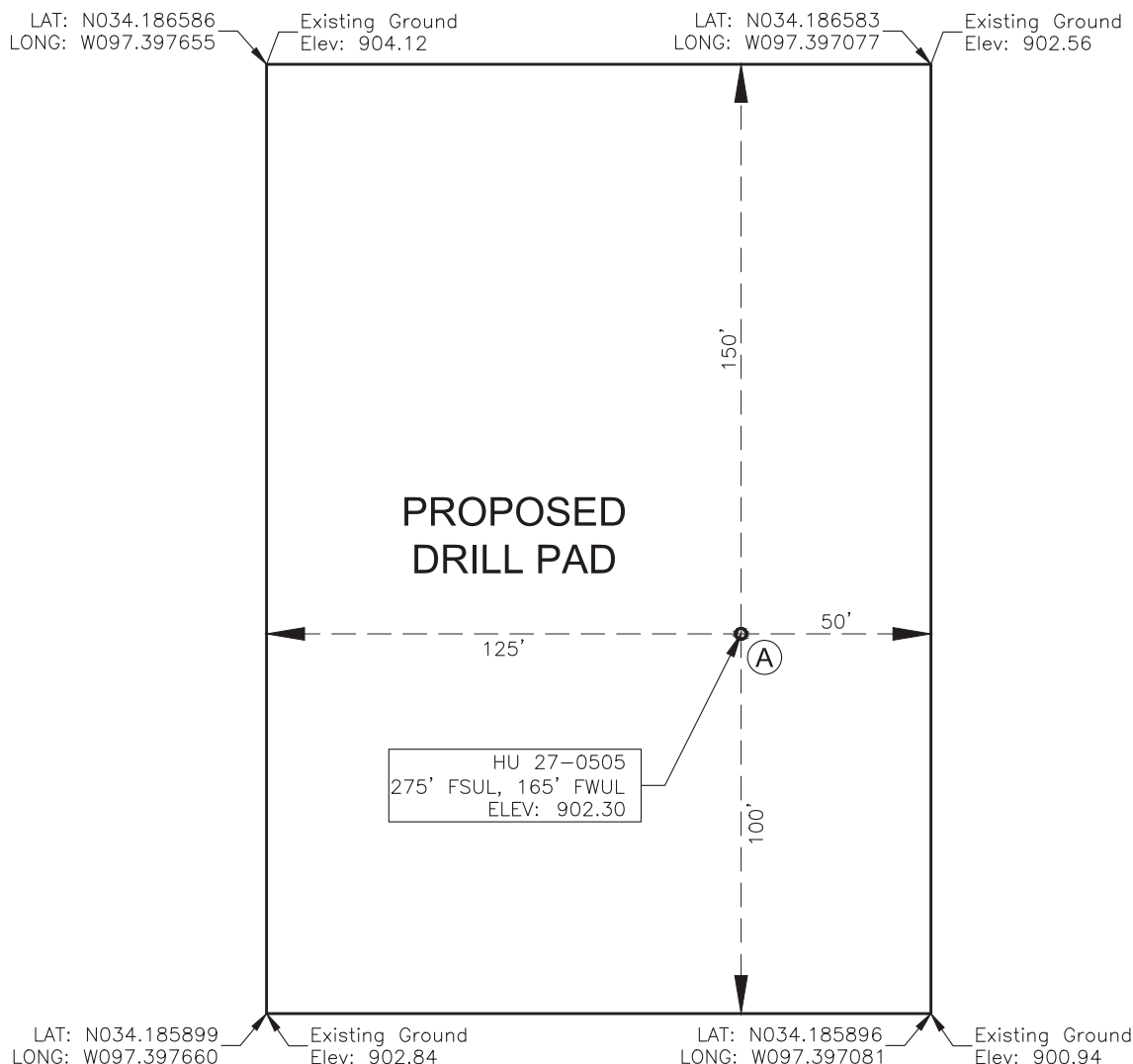
OPERATOR:



HU 27-0505

SECTION 27

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



SLOT

(A) HU 27-0505, 275' FSUL, 165' FWUL, ELEV: 902.30

LEGEND:

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

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JOB NO:	XTO/WP18/HU 27-0505	DRAWN BY:	LD
DATE: 06/JUN/18	REV: C	SCALE: 1" = 50'	SHT NO. 3

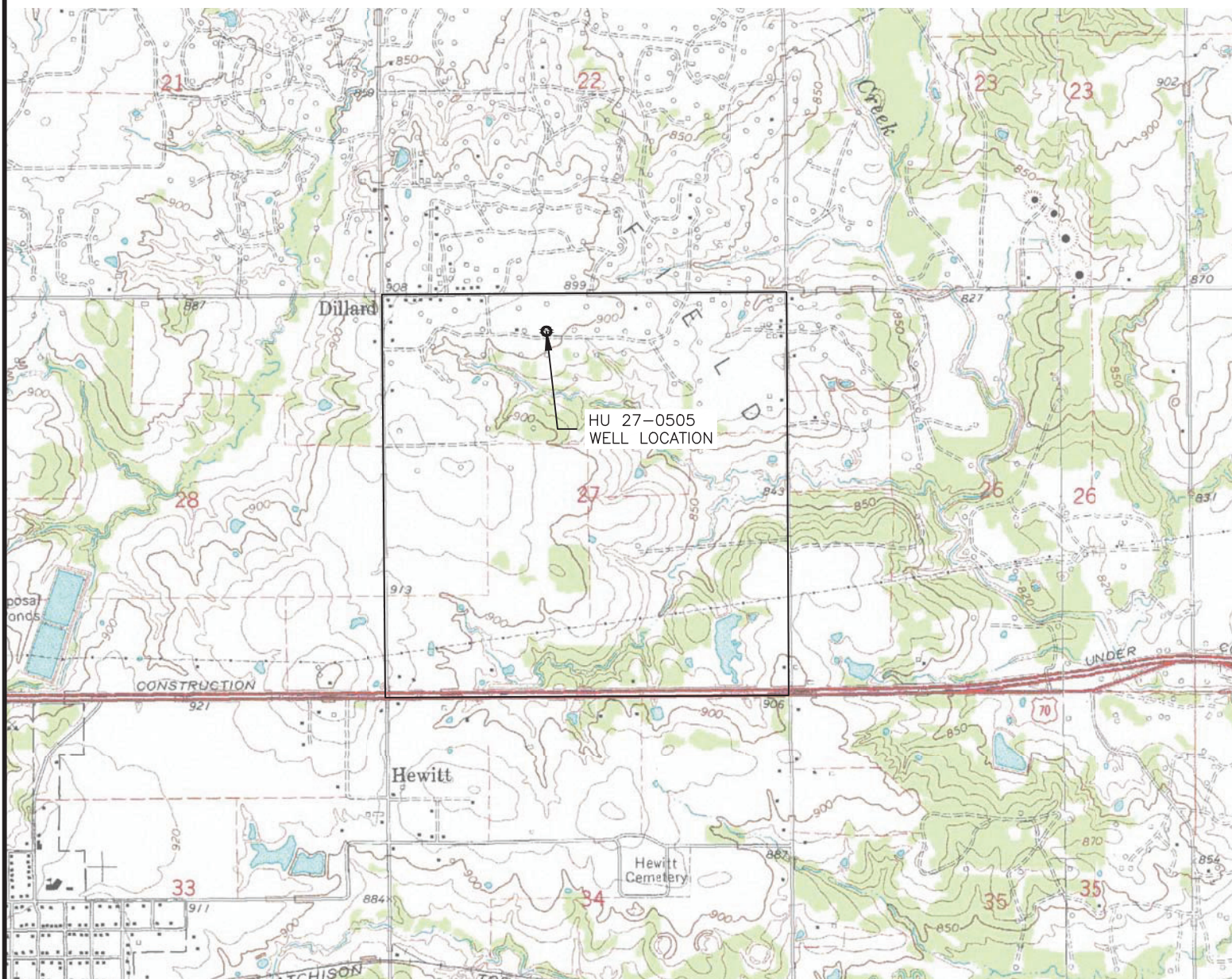
OPERATOR:



HU 27-0505

SECTION 27

TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA



Location and Elevation Verification

Surface Hole Location: 275' From South Line of Unit 5
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0 2,000' 4,000 6,000



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DATE: 06/JUN/18	REV:	C	SCALE: 1" = 2,000'
		SHT NO.	4

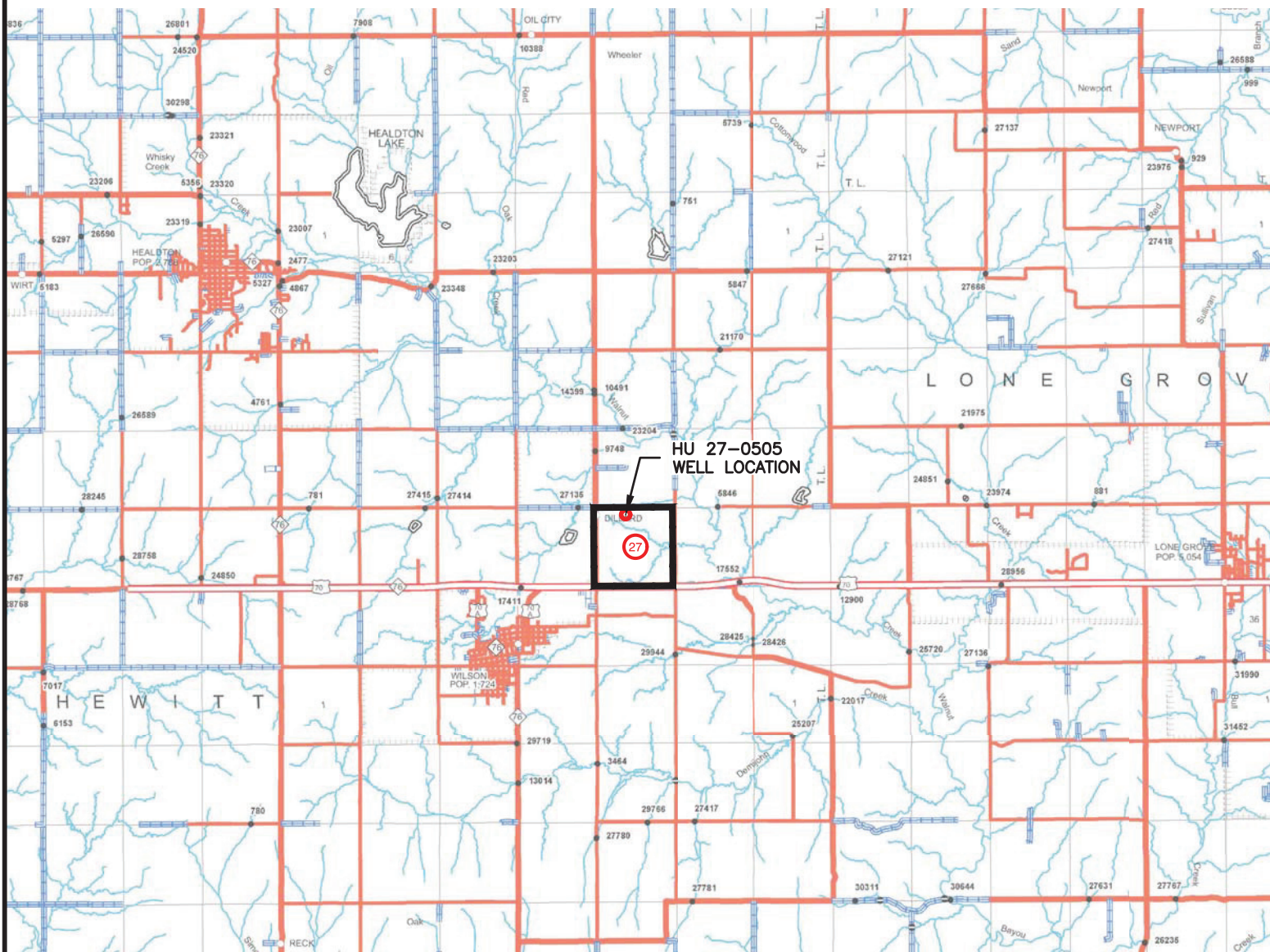
OPERATOR:



HU 27-0505

SECTION 27

TOWNSHIP 4 SOUTH, RANGE 2 WEST
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Vicinity Map

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0 2 miles 4 miles 6 miles



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			SHT NO. 5

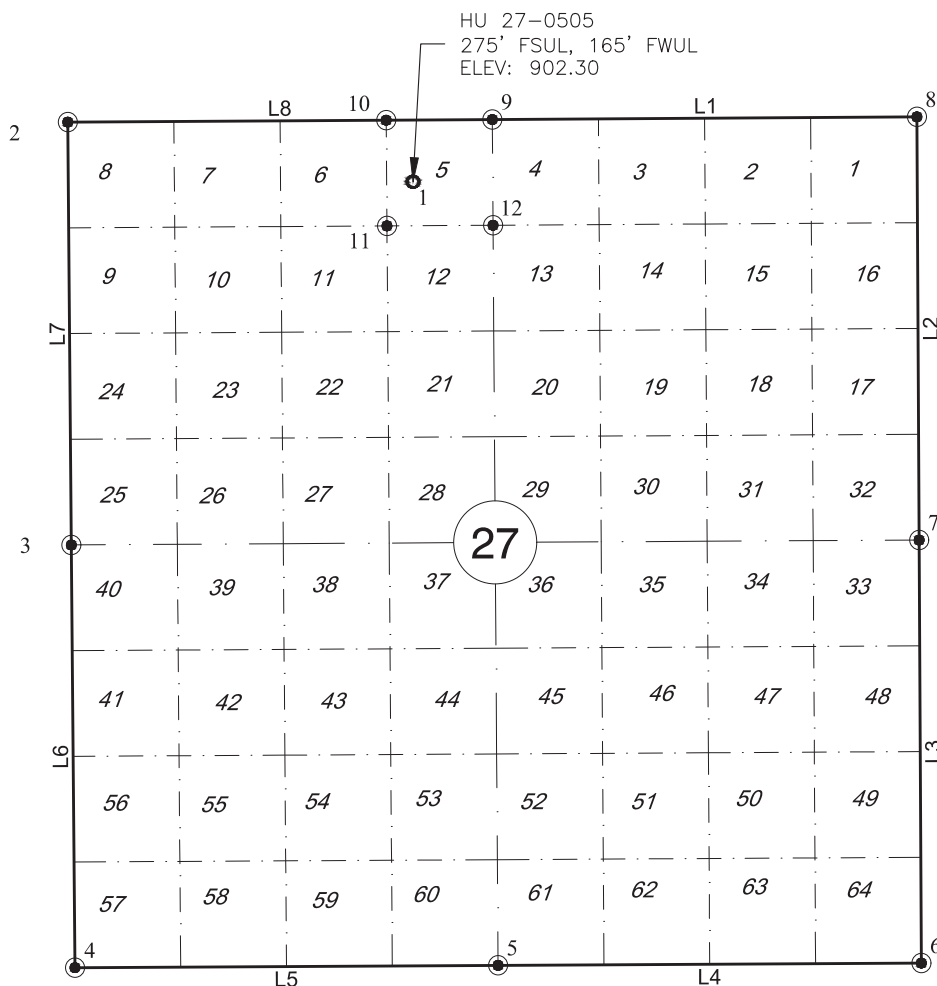
OPERATOR:



HU 27-0505

SECTION 27

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

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JOB NO:	XTO/WP18/HU 27-0505	DRAWN BY:	LD
DATE: 06/JUN/18	REV: C	SCALE:	N/A SHT NO. 6

OPERATOR:



HU 27-0505

SECTION 27

**TOWNSHIP 4 SOUTH, RANGE 2 WEST
CARTER COUNTY, OKLAHOMA**

Line Table

Line #	Azimuth	Length
L1	089.646793	2653.71
L2	179.696408	2644.76
L3	179.696387	2643.76
L4	269.684420	2645.66
L5	269.692514	2644.68
L6	359.515098	2641.93
L7	359.514372	2642.99
L8	089.652063	2653.39

Point Table

POINT	DESCRIPTION	NORTHING (NAD27)	EASTING (NAD27)	LATITUDE (NAD27)	LONGITUDE (NAD27)
1	HU 27-0505	310900.82 (usft)	2182290.76 (usft)	34.186171	-97.397245
2	NW CORNER SEC 27	311273.50 (usft)	2180132.97 (usft)	34.187231	-97.404372
3	W/4 CORNER SEC 27	308630.61 (usft)	2180155.37 (usft)	34.179968	-97.404350
4	SW CORNER SEC 27	305988.77 (usft)	2180177.73 (usft)	34.172708	-97.404327
5	S/4 CORNER SEC 27	306002.96 (usft)	2182822.37 (usft)	34.172704	-97.395584
6	SE CORNER SEC 27	306017.53 (usft)	2185467.99 (usft)	34.172700	-97.386837
7	E/4 CORNER SEC 27	308661.25 (usft)	2185453.98 (usft)	34.179965	-97.386831
8	NE CORNER SEC 27	311305.98 (usft)	2185439.97 (usft)	34.187233	-97.386824
9	N/4 CORNER SEC 27	311289.62 (usft)	2182786.31 (usft)	34.187232	-97.395599
10	NW CORNER UNIT 5	311285.59 (usft)	2182122.96 (usft)	34.187231	-97.397792
11	SW CORNER UNIT 5	310624.84 (usft)	2182127.76 (usft)	34.185416	-97.397789
12	SE CORNER UNIT 5	310628.82 (usft)	2182790.82 (usft)	34.185416	-97.395597

SPCS/GEODETIC TABLES

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