API NUMBER: 073 26870

Horizontal Hole Oil & Gas

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

Approval Date: 06/10/2022
Expiration Date: 12/10/2023

PERMIT TO DRILL

WELL LOCATION: Section: 18 Township: 17N Range: 5W County: KINGFISHER

SPOT LOCATION: NW NW NW NE FEET FROM QUARTER: FROM **NORTH** FROM **EAST**
SECTION LINES: **160** **2361**

Lease Name: **LINCOLN SOUTHEAST OSWEGO UNIT** **Well No:** **19-4HO** **Well will be** **160** **feet from nearest unit or lease boundary.**

Operator Name: **HINKLE OIL & GAS INC** Telephone: 4058480924 OTC/OCC Number: 21639 0

HINKLE OIL & GAS INC
5600 N MAY AVE STE 295
OKLAHOMA CITY, OK 73112-4275

JAMES FOSTER
506 SOUTHVIEW
KINGFISHER OK 73750

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

	Name	Code	Depth
1	OSWEGO	404OSWG	6228

Spacing Orders: 52793 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: 11850 Ground Elevation: 1101 **Surface Casing: 200** Depth to base of Treatable Water-Bearing FM: 150

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38347

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: AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Section: 7 Township: 17N Range: 5W Meridian: IM
County: KINGFISHER
Spot Location of End Point: NE NE NE NW
Feet From: **NORTH** 1/4 Section Line: 200
Feet From: **WEST** 1/4 Section Line: 2430

Total Length: 5077
Measured Total Depth: 11850
True Vertical Depth: 6338
End Point Location from Lease,Unit, or Property Line: 200

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	[6/7/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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, 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
SPACING - 52793	[6/10/2022 - GB1] - (UNIT) 7-17N-5W EST LINCOLN SOUTHEAST OSWEGO UNIT FOR THE OSWG

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WELL LOCATION

LSEOU 19-4HO
HINKLE OIL & GAS
SECTION 18, TOWNSHIP 17N, RANGE 5W, I.M.
KINGFISHER COUNTY, OKLAHOMA

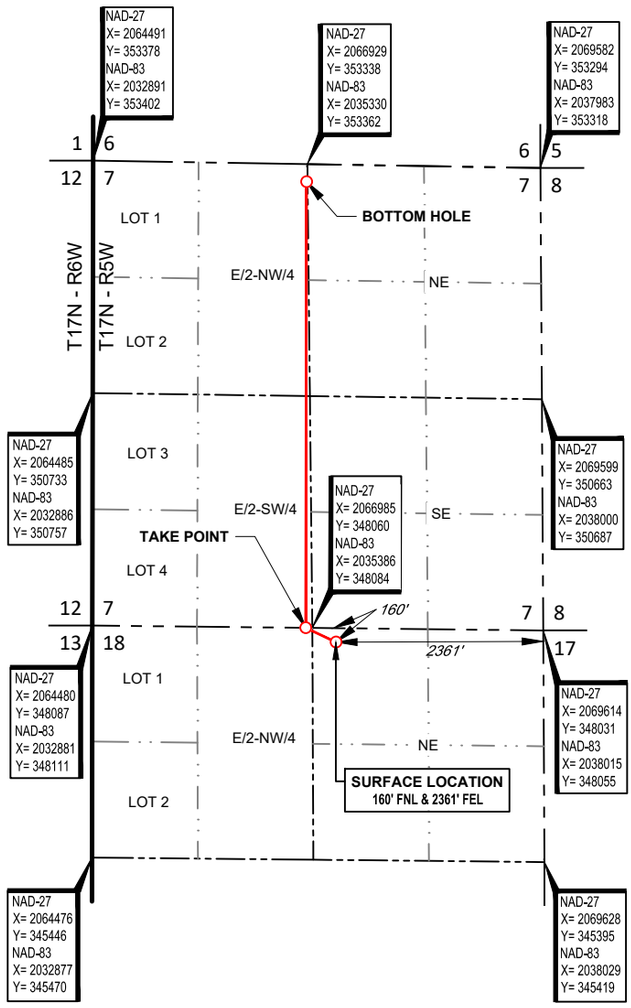
GRID
OK NORTH
US FEET

SCALE: 1" = 2000'

0' 1000' 2000'

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- 16TH LINE
- RANGE LINE
- PROPOSED WELL BORE



SURFACE LOCATION
160' FNL & 2361' FEL
NAD-27
X= 2067254
Y= 347898
LAT.: 35°57'19.9" N
LONG.: 97°46'22.0" W
LAT.: 35.955527° N
LONG.: 97.772767° W
ELEV.: 1101' (NGVD29)
NAD-83
X= 2035655
Y= 347922
LAT.: 35°57'20.0" N
LONG.: 97°46'23.1" W
LAT.: 35.955569° N
LONG.: 97.773096° W
ELEV.: 1102' (NAVD88)

BOTTOM HOLE
200' FNL & 2430' FWL
NAD-27
X= 2066920
Y= 353138
LAT.: 35°58'11.7" N
LONG.: 97°46'25.9" W
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NAD-83
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TAKE POINT
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LICENSED PROFESSIONAL LAND SURVEYOR
T. WAYNE FISCH
1378
05-25-22
OKLAHOMA

SURVEYOR'S CERTIFICATE:

I, T. WAYNE FISCH, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC, CO., DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

T Wayne Fisch

T. Wayne Fisch, P.L.S. No. 1378
Authorized Agent of Topographic, Co.

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FAX: (405) 843-0975
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. LSEOU 19-4HO

SECTION 18 TWP 17N RGE 5W MERIDIAN I.M.
COUNTY KINGFISHER STATE OKLAHOMA
DESCRIPTION 160' FNL & 2361' FEL

LSEOU 19-4HO	REVISION: INT	DATE
DATE: 05/24/2022		
FILE:LO_LSEOU_19-4HO		
DRAWN BY: KEU		
SHEET : 1 OF 2		

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTHZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
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4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY HINKLE OIL & GAS ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
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WELL LOCATION

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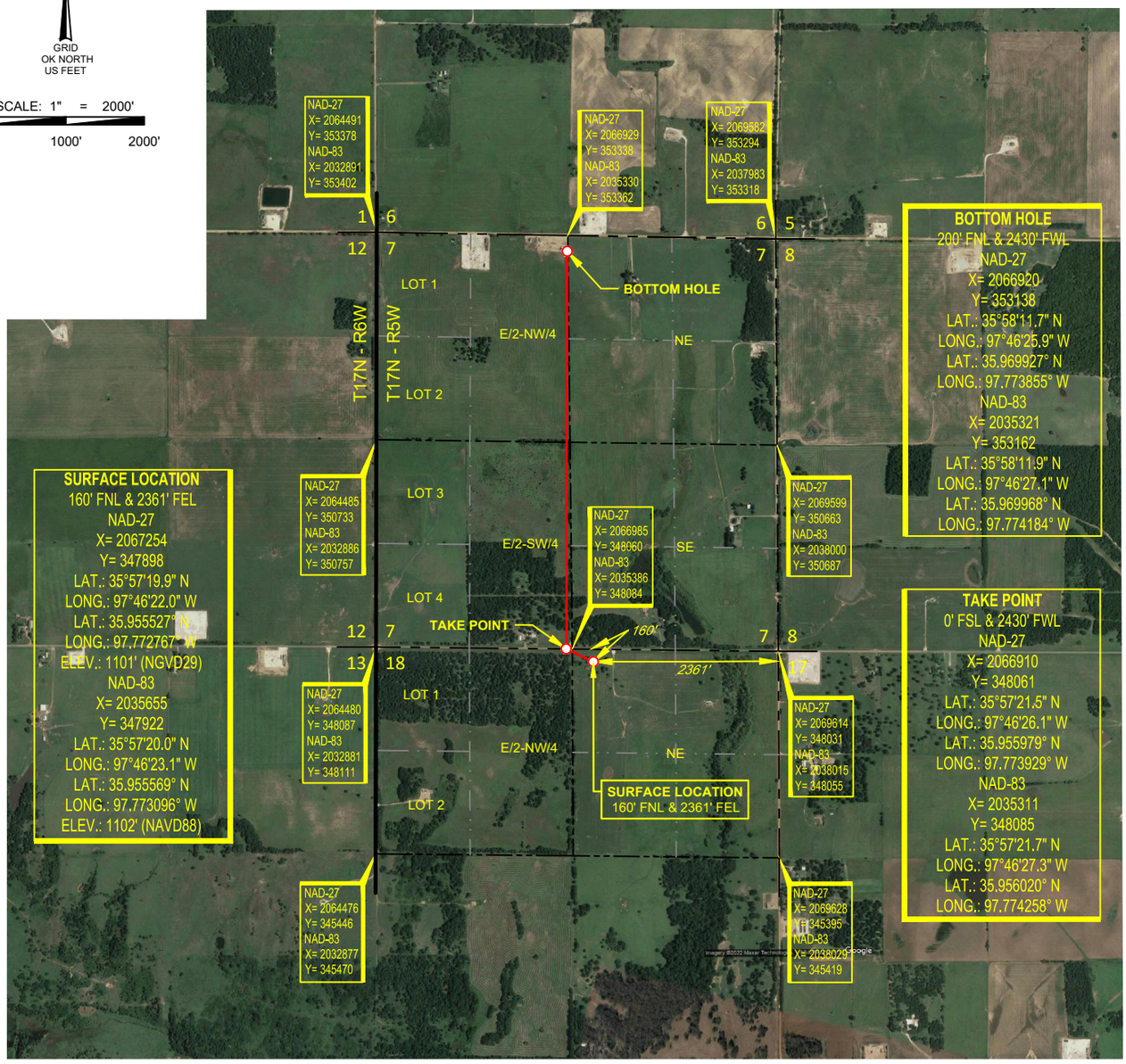
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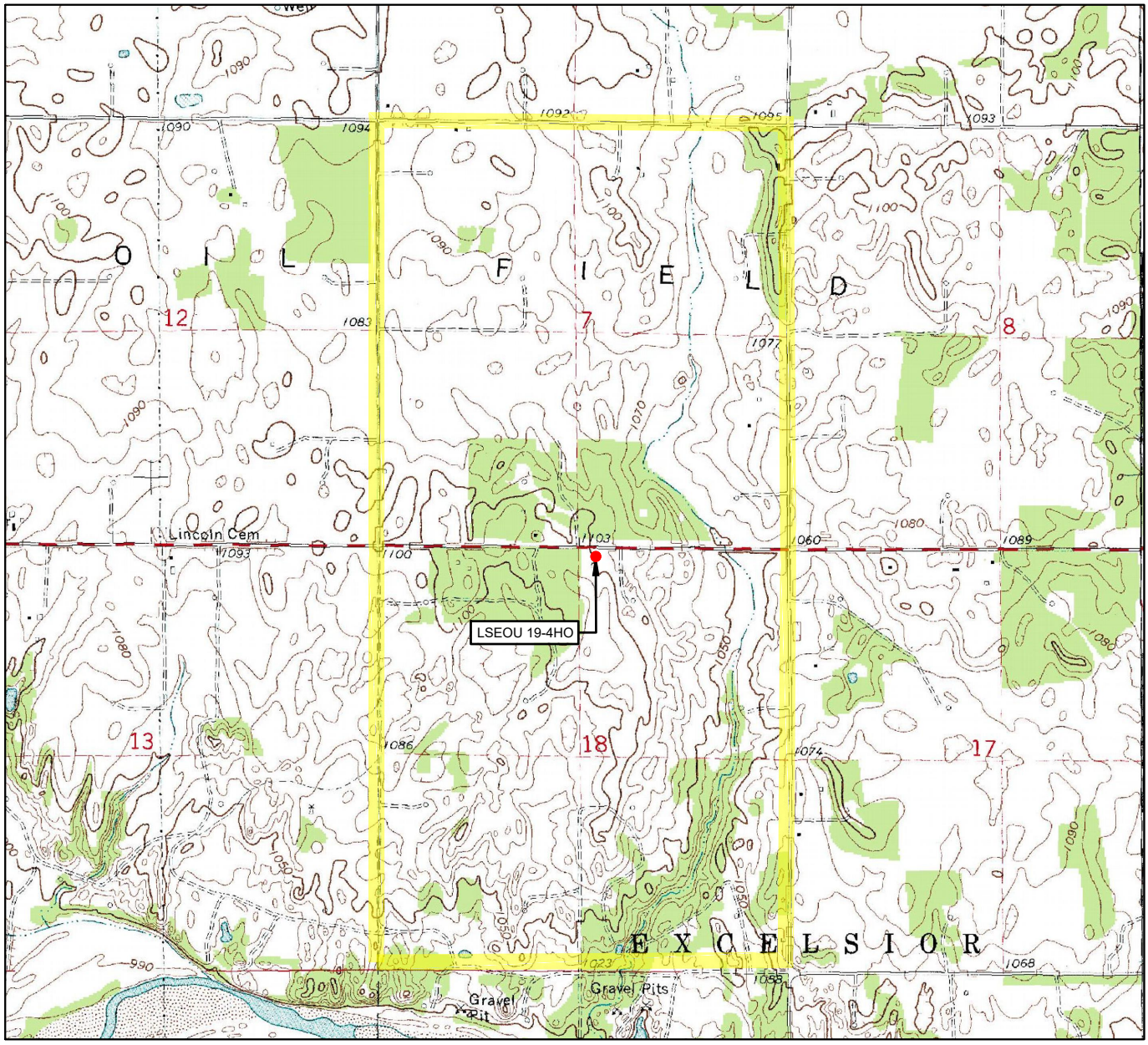
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LOCATION & ELEVATION VERIFICATION MAP



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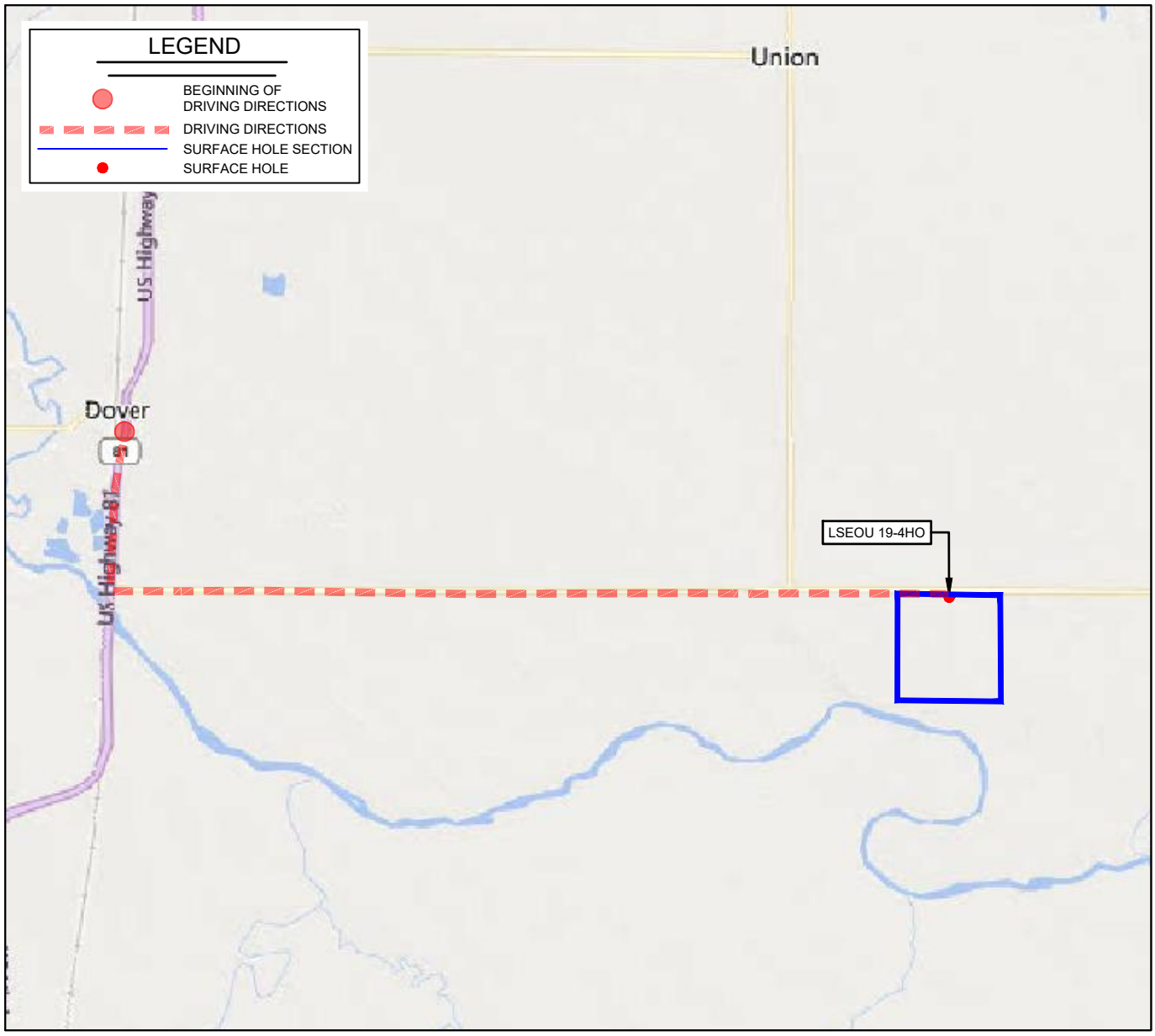
0' 1000' 2000'

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY HINKLE OIL & GAS. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM, U.S. SURVEY FEET.

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VICINITY MAP



LEASE NAME & WELL NO. LSEOU 19-4HO

SECTION 18 TWP 17N RGE 5W MERIDIAN I.M.
COUNTY KINGFISHER STATE OKLAHOMA
DESCRIPTION 160' FNL & 2361' FEL
DISTANCE & DIRECTION
FROM DOVER, OK, GO ±1.8 MI. SOUTH ON US-81., THEN GO ±7.75 MI. EAST ON E700 RD TO THE NORTH QUARTER CORNER OF SECTION 18-T17N-R5W.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY HINKLE OIL & GAS. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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SCALE: 1" = 8000'

0' 4000' 8000'

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