

API NUMBER: 073 26748

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

Approval Date: 04/20/2021  
Expiration Date: 10/20/2022

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 19 Township: 17N Range: 5W County: KINGFISHER

SPOT LOCATION: ☐ SW ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 344 2238

Lease Name: LINCOLN SOUTHEAST OSWEGO UNIT Well No: 46-2HO Well will be 344 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

CHARLES DAVID SMITH  
13405 STATE HIGHWAY 33  
KINGFISHER OK 73750

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

Name	Code	Depth
1 OSWEGO	404OSWG	6170

Spacing Orders: 52793

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 11240

Ground Elevation: 1020

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 160

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: 21-37572

H. (Other)

CLOSED SYSTEM=STEEL PITS (REQUIRED -  
CIMARRON RIVER)

**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: ALLUVIAL

Pit Location Formation: ALLUVIUM

**HORIZONTAL HOLE 1**

Section: 19 Township: 17N Range: 5W Meridian: IM  
County: KINGFISHER

Total Length: 4476

Measured Total Depth: 11240

Spot Location of End Point: SW SW SW SE

True Vertical Depth: 6335

Feet From: SOUTH 1/4 Section Line: 1

End Point Location from

Feet From: EAST 1/4 Section Line: 2458

Lease, Unit, or Property Line: 1

**NOTES:**

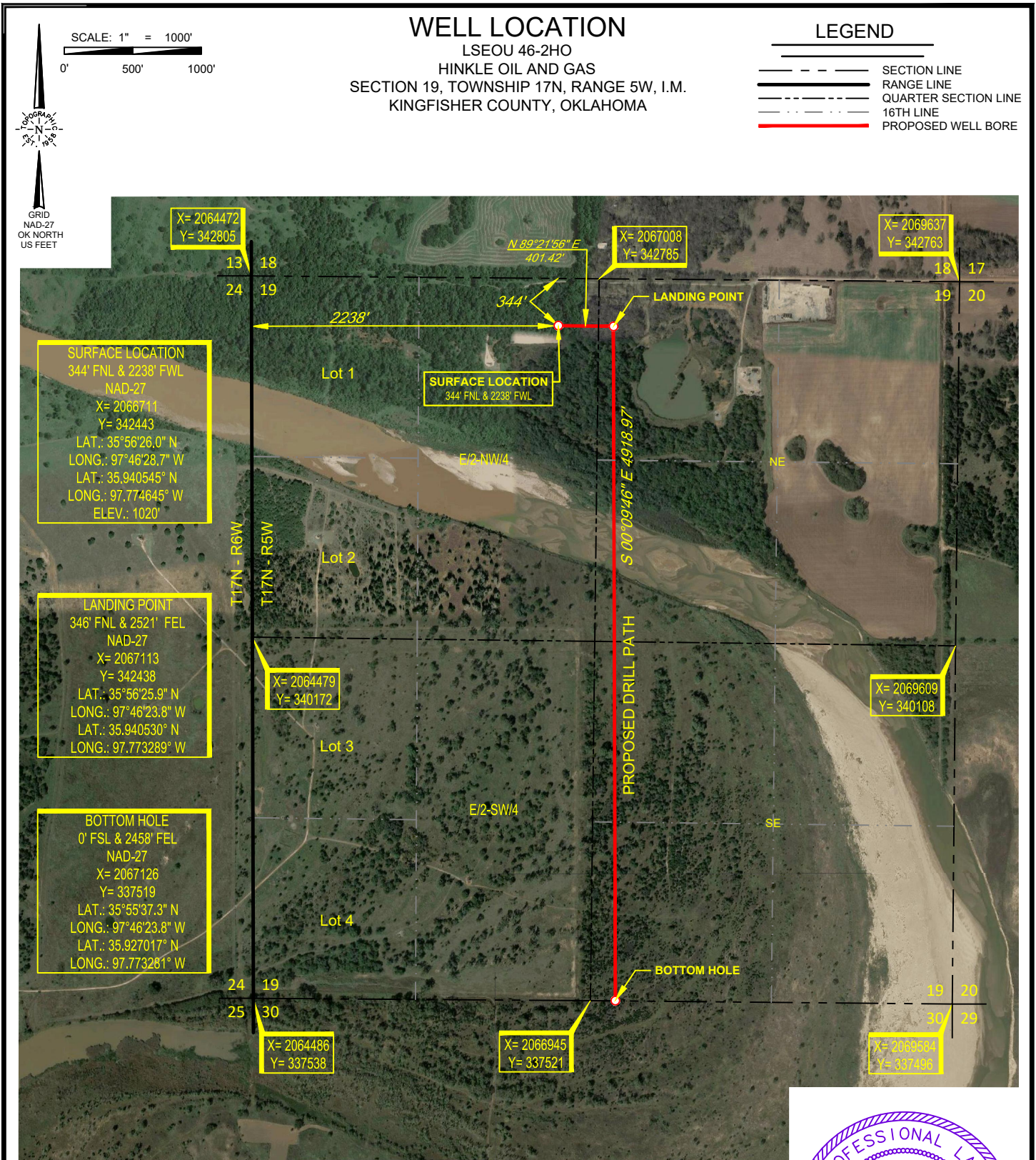
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
HYDRAULIC FRACTURING	<p>[4/19/2021 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING - 52793	<p>[4/19/2021 - GB1] - (UNIT) 19-17N-5W EST LINCOLN SOUTHEAST OSWEGO UNIT FOR THE OSWEGO</p>

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O:\SURVEY\BCE-MACH\1\CV\SEQU 46-2HQ\FINAL PRODUCTS\O\SEQU 46-2HQ.DWG 4/20/2021 12:34:02 PM chris.christian





SURVEYOR'S CERTIFICATE:

I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



Thomas L. Howell

Thomas L. Howell, P.L.S. No. 1433  
Authorized Agent of Topographic Land Surveyors



13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134  
TELEPHONE: (405) 843-4847 OR (800) 654-3219  
CERTIFICATE OF AUTHORIZATION NO. 1292 LS  
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LEASE NAME & WELL NO. LSEOU 46-2HO

SECTION 19 TWP 17N RGE 5W MERIDIAN I.M.

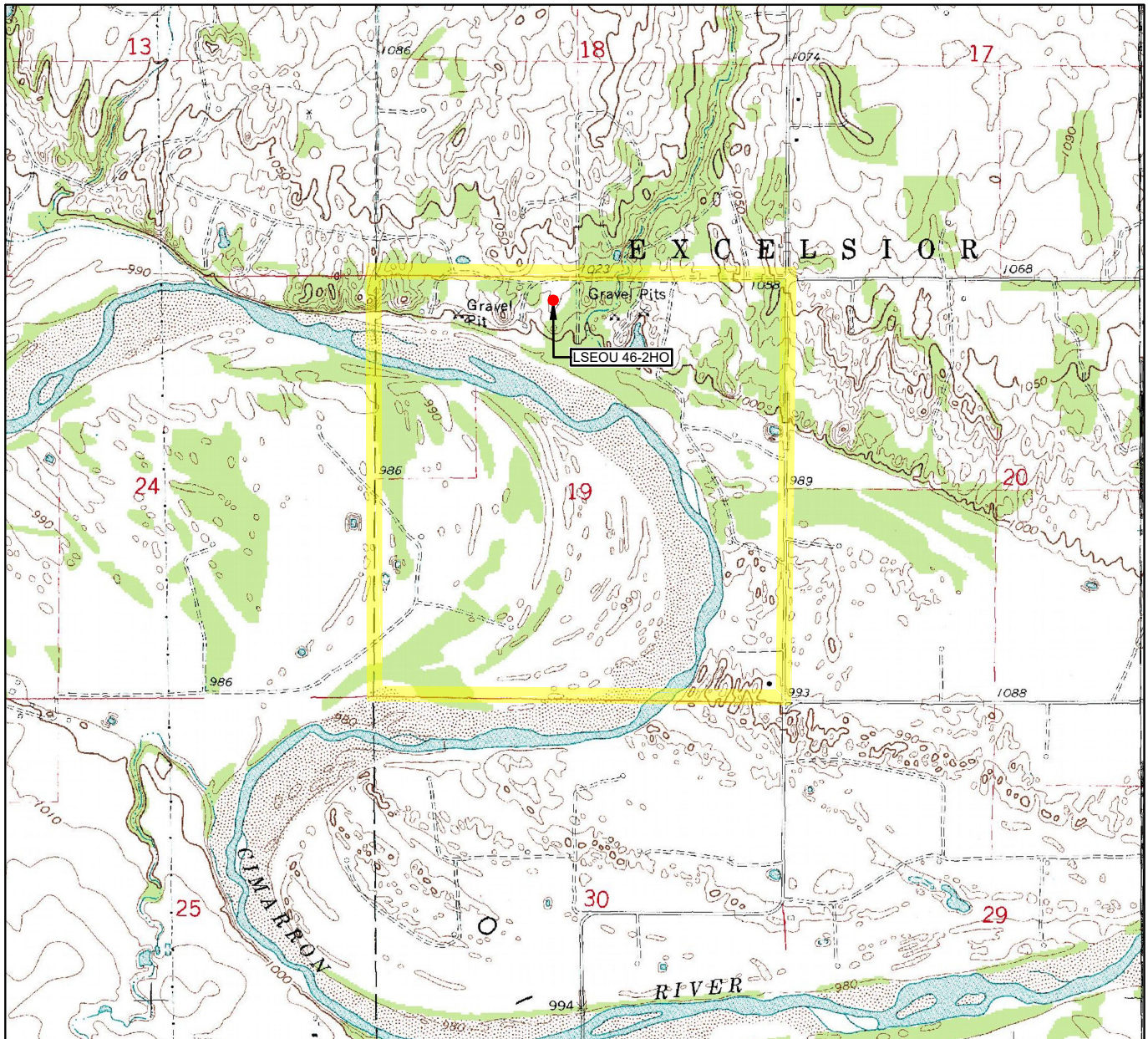
COUNTY KINGFISHER STATE OKLAHOMA

DESCRIPTION 344' FNL & 2238' FWL

LSEOU 46-2HO	REVISION: 1		NOTES:
	INT	DATE	
	CC	4-20-21	
DATE: 04/05/2021			1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA, NORTH ZONE, NAD 27 - HORIZONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. 3. 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 AND 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. 4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS. 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
FILE:LO_LSEOU_46-2HO			
DRAWN BY: KEU			
SHEET : 2 OF 2			



# LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. LSEOU 46-2HO

SECTION 19 TWP 17N RGE 5W MERIDIAN I.M.

COUNTY KINGFISHER STATE OKLAHOMA

DESCRIPTION 344' FNL & 2238' FWL

ELEVATION 1020'



SCALE: 1" = 2000'  
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 AND 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.

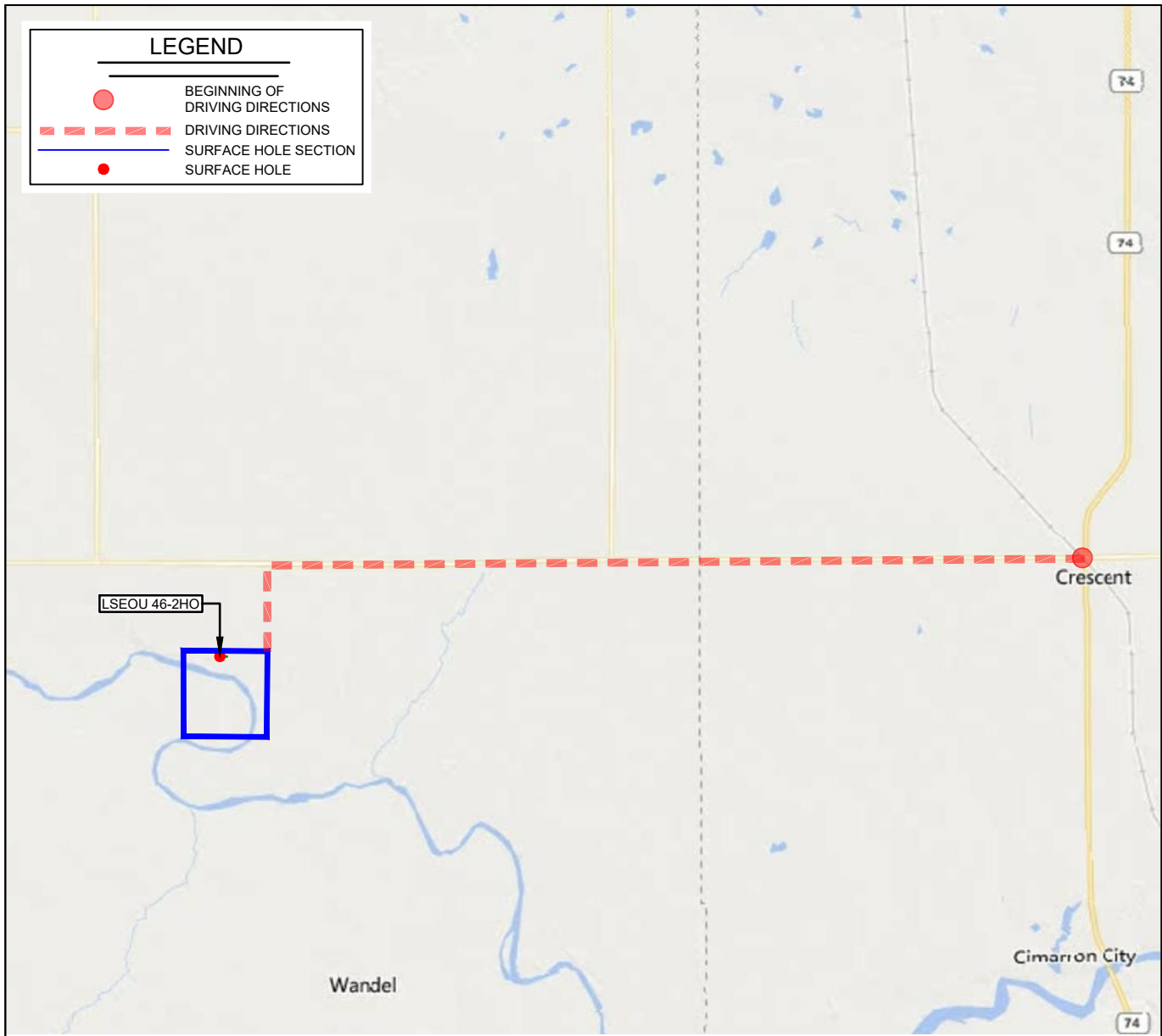
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134  
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## VICINITY MAP



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SECTION 19 TWP 17N RGE 5W MERIDIAN I.M.

COUNTY KINGFISHER STATE OKLAHOMA

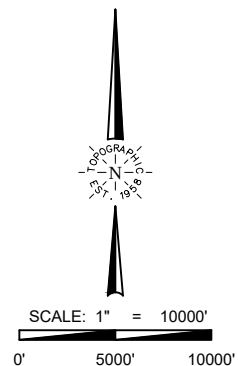
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DISTANCE & DIRECTION

FROM THE INTERSECTION OF N. GRAND AVE AND E0730 ROAD  
IN CRESCENT, OKLAHOMA. GO WEST ON E0730 RD/HWY 73 FOR  
+/- 9 MILES. TURN SOUTH ON N2940 RD FOR +/- 1 MILE TO THE  
NE/C OF SECTION 19-T17N-R5W.

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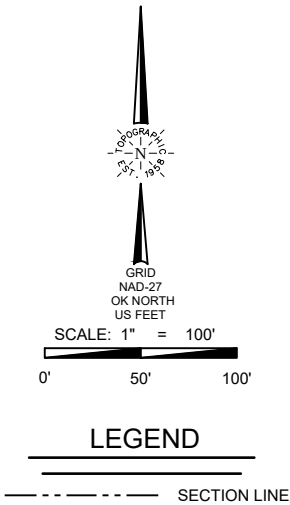
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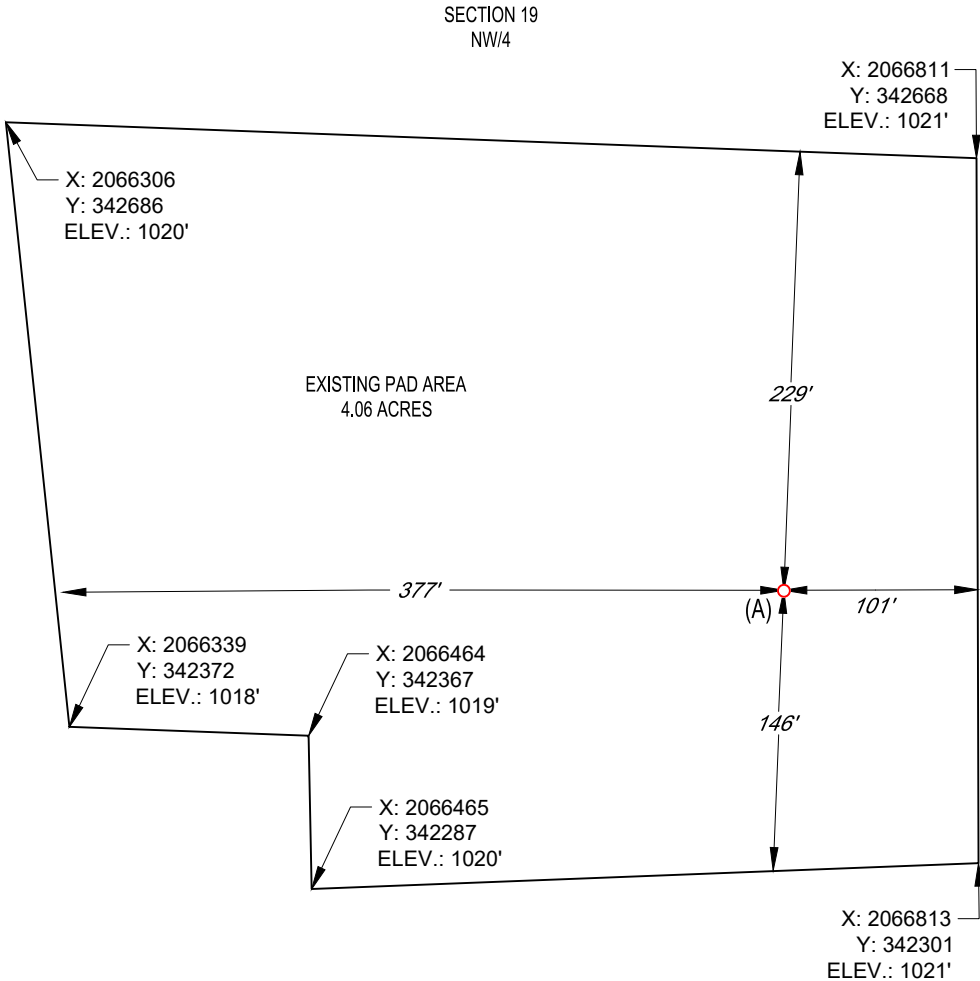
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SURFACE USE PLAT  
LSEOU 46-2HO  
HINKLE OIL AND GAS  
SECTION 19,TOWNSHIP 17N, RANGE 5W, I.M.  
KINGFISHER COUNTY OKLAHOMA



(A) LSEOU 46-2HO  
**SURVEY LINE PERPENDICULARS:**  
344' FNL & 2238' FWL  
ELEVATION: 1020' (NGVD29)  
**COORDINATES:**  
NAD 27 OK NORTH ZONE:  
X= 2066711 Y= 342443  
LAT.: 35°56'26.0" N LONG.: 97°46'28.7" W  
LAT.: 35.940545° N LONG.: 97.774645° W



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