

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

API NUMBER: 073 26869

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 29 Township: 17N Range: 5W County: KINGFISHER

SPOT LOCATION: SE SE SW SW FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**
SECTION LINES: 160 1272

Lease Name: **LINCOLN SOUTHEAST OSWEGO UNIT** Well No: **91-4HO** 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

BCE-MACH III LLC
14201 WIRELESS WAY, SUITE 300
OKLAHOMA CITY OK 73134

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

Name	Code	Depth
1 OSWEGO	404OSWG	6117

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: 11878 Ground Elevation: 980 **Surface Casing: 220** Depth to base of Treatable Water-Bearing FM: 170

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: 22-38373
H. (Other)	CLOSED SYSTEM=STEEL PITS (REQUIRED - CIMARRON RIVER)

PIT 1 INFORMATION	
Type of Pit System: CLOSED Closed System Means Steel Pits	Category of Pit: C
Type of Mud System: WATER BASED	Liner not required for Category: C
Chlorides Max: 5000 Average: 3000	Pit Location is: AP/TE DEPOSIT
Is depth to top of ground water greater than 10ft below base of pit? Y	Pit Location Formation: TERRACE
Within 1 mile of municipal water well? N	
Wellhead Protection Area? N	
Pit <u>is</u> located in a Hydrologically Sensitive Area.	

HORIZONTAL HOLE 1	
Section: 29 Township: 17N Range: 5W Meridian: IM	Total Length: 5116
County: KINGFISHER	Measured Total Depth: 11878
Spot Location of End Point: NW NE NW NW	True Vertical Depth: 6310
Feet From: NORTH 1/4 Section Line: 1	End Point Location from
Feet From: WEST 1/4 Section Line: 715	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>[6/9/2022 - 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 - 52793	<p>[6/10/2022 - GB1] - (UNIT) 29-17N-5W EST LINCOLN SOUTHEAST OSWEGO UNIT FOR THE OSWG</p>

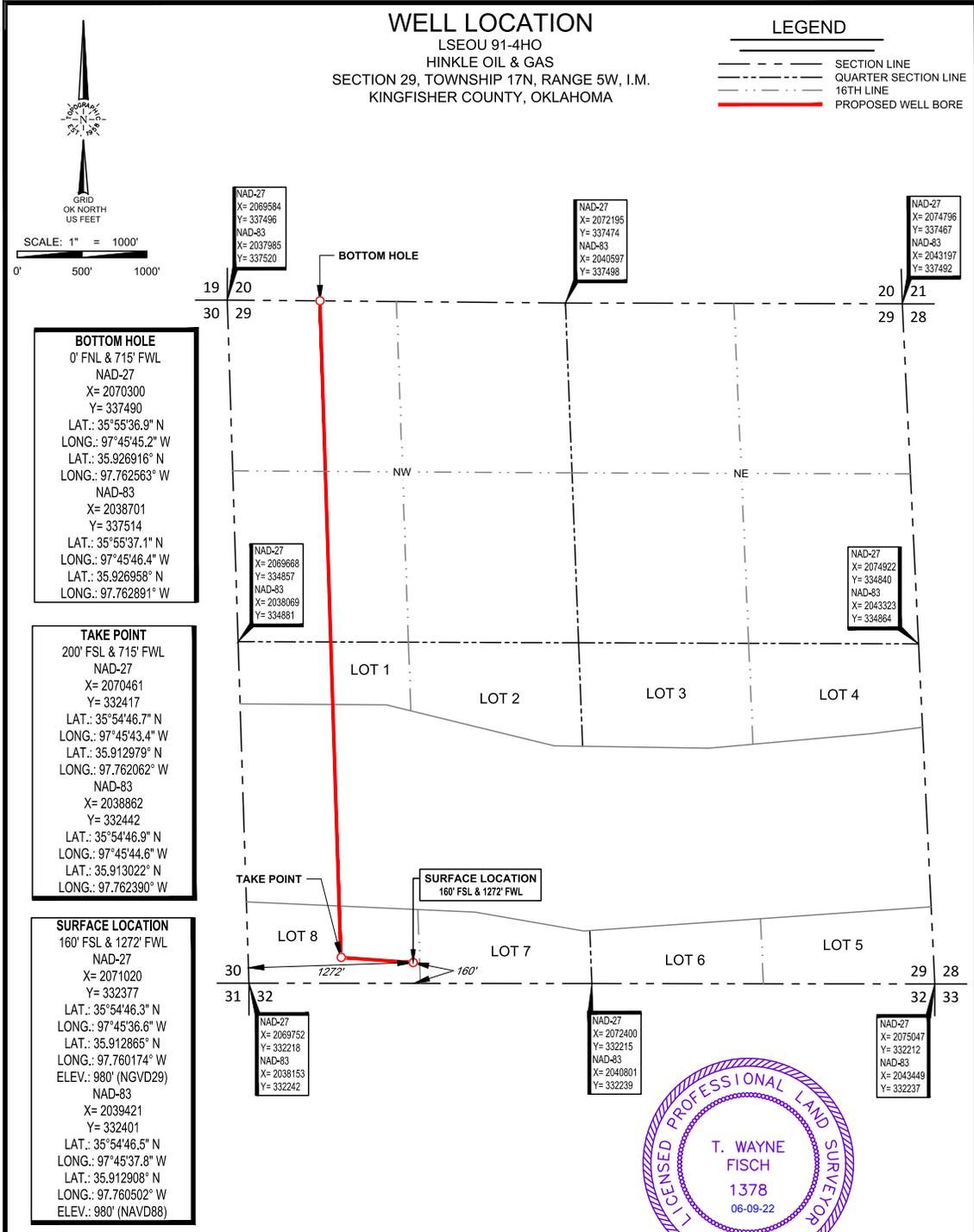
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WELL LOCATION

LSEOU 91-4HO
HINKLE OIL & GAS
SECTION 29, TOWNSHIP 17N, RANGE 5W, I.M.
KINGFISHER COUNTY, OKLAHOMA

LEGEND

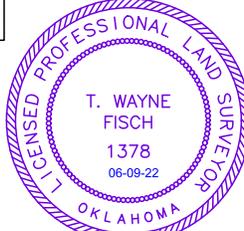
- SECTION LINE
- QUARTER SECTION LINE
- 16TH LINE
- PROPOSED WELL BORE



BOTTOM HOLE
0' FNL & 715' FWL
NAD-27
X= 2070300
Y= 337490
LAT.: 35°55'36.9" N
LONG.: 97°45'45.2" W
LAT.: 35.926916° N
LONG.: 97.762563° W
NAD-83
X= 2038701
Y= 337514
LAT.: 35°55'37.1" N
LONG.: 97°45'46.4" W
LAT.: 35.926958° N
LONG.: 97.762891° W

TAKE POINT
200' FSL & 715' FWL
NAD-27
X= 2070461
Y= 332417
LAT.: 35°54'46.7" N
LONG.: 97°45'43.4" W
LAT.: 35.912979° N
LONG.: 97.762062° W
NAD-83
X= 2038862
Y= 332442
LAT.: 35°54'46.9" N
LONG.: 97°45'44.6" W
LAT.: 35.913022° N
LONG.: 97.762390° W

SURFACE LOCATION
160' FSL & 1272' FWL
NAD-27
X= 2071020
Y= 332377
LAT.: 35°54'46.3" N
LONG.: 97°45'36.6" W
LAT.: 35.912865° N
LONG.: 97.760174° W
ELEV.: 980' (NGVD29)
NAD-83
X= 2039421
Y= 332401
LAT.: 35°54'46.5" N
LONG.: 97°45'37.8" W
LAT.: 35.912908° N
LONG.: 97.760502° W
ELEV.: 980' (NAVD88)



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.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
FAX: (405) 943-0975
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. _____ LSEOU 91-4HO
SECTION 29 TWP 17N RGE 5W MERIDIAN I.M.
COUNTY KINGFISHER STATE OKLAHOMA
DESCRIPTION 160' FSL & 1272' FWL

LSEOU 91-4HO	REVISION:		NOTES:
	INT	DATE	
DATE: 06/09/2022			1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE 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. 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988. 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. 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
FILE: LO_LSEOU_91-4HO			
DRAWN BY: KEU			
SHEET: 1 OF 2			

WELL LOCATION

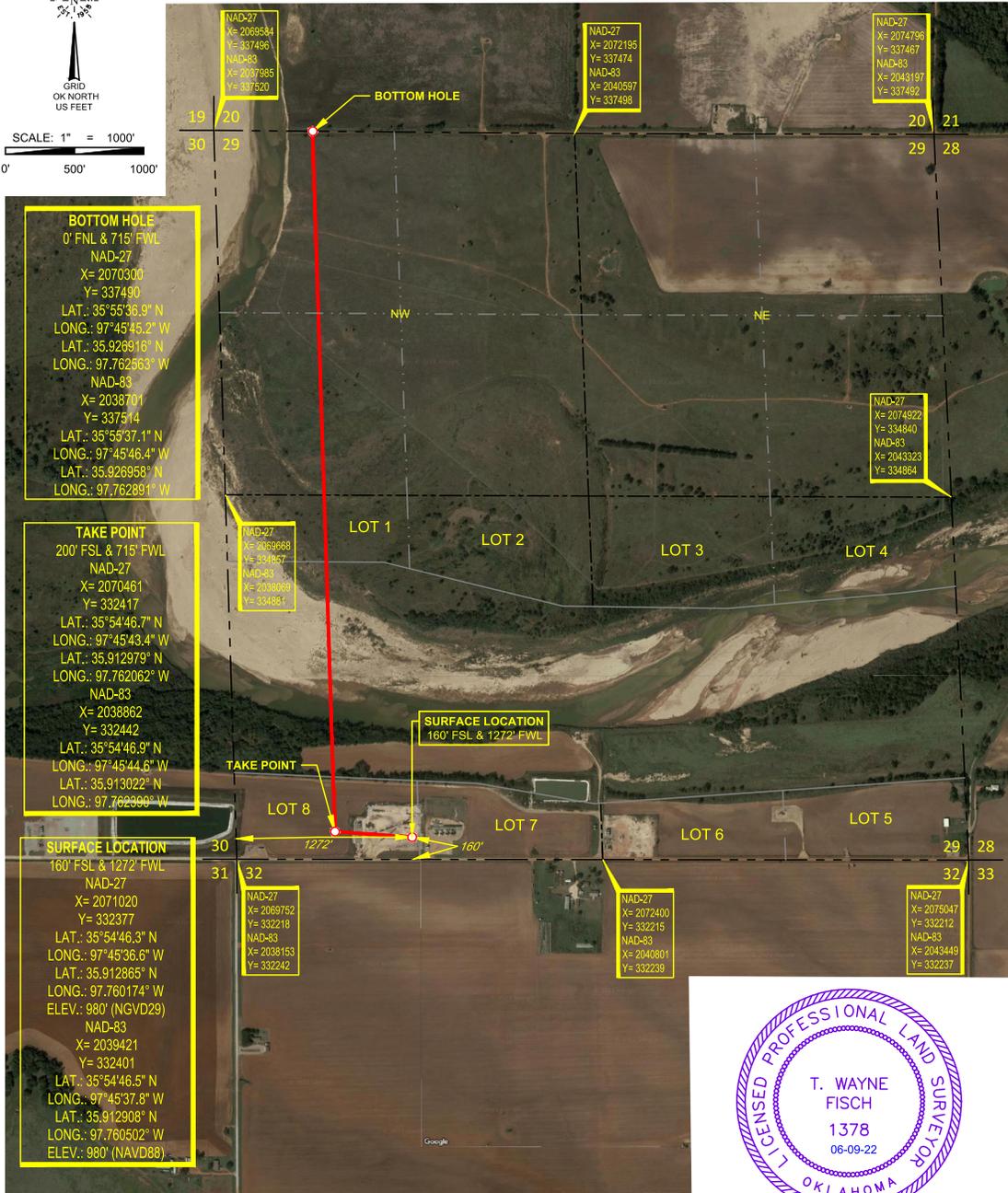
LSEOU 91-4HO
HINKLE OIL & GAS
SECTION 29, TOWNSHIP 17N, RANGE 5W, I.M.
KINGFISHER COUNTY, OKLAHOMA

LEGEND

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



SCALE: 1" = 1000'
0' 500' 1000'



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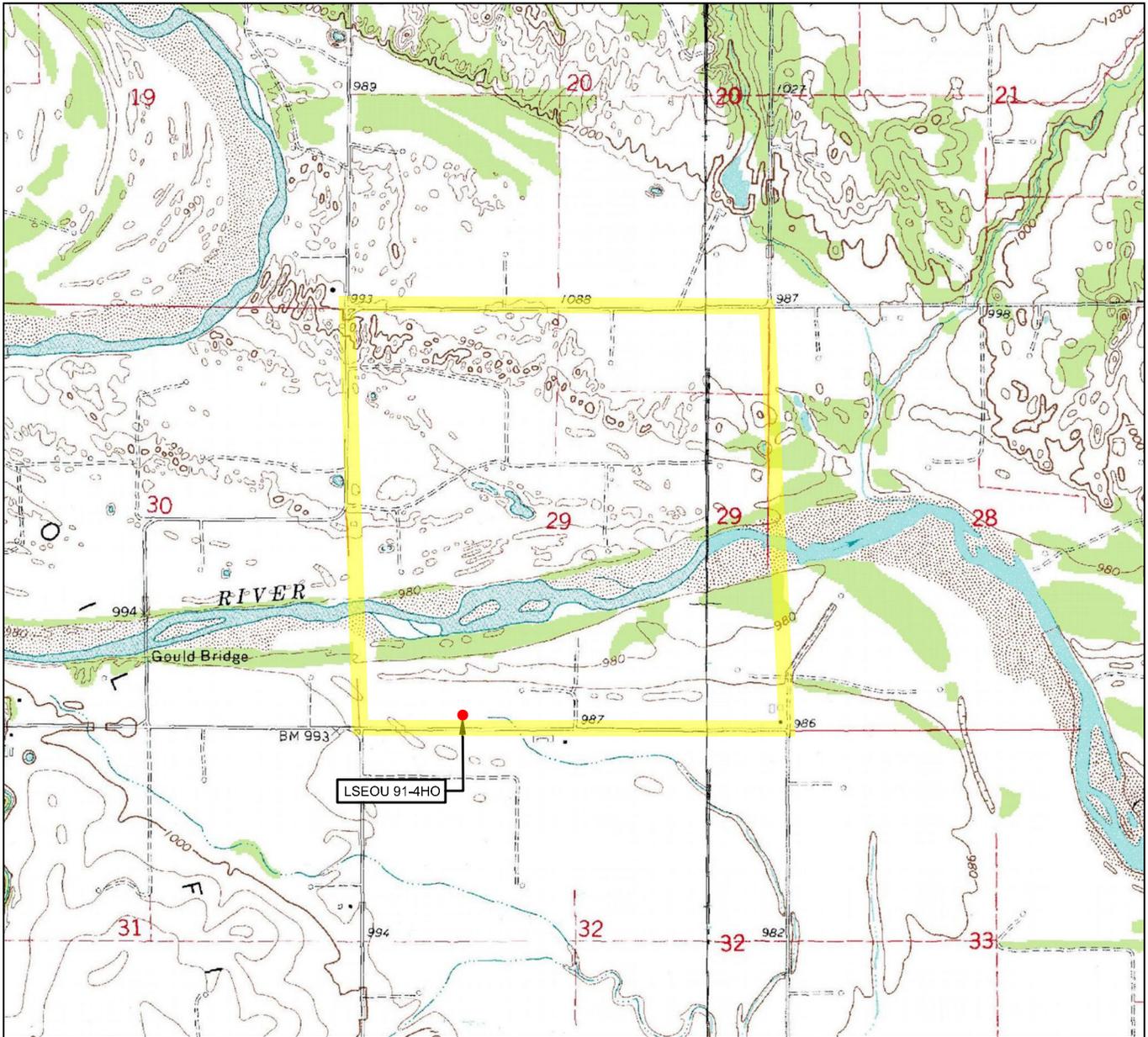
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FAX: (405) 843-0975
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. _____ LSEOU 91-4HO

SECTION 29 TWP 17N RGE 5W MERIDIAN I.M.
COUNTY KINGFISHER STATE OKLAHOMA
DESCRIPTION 160' FSL & 1272' FWL

LSEOU 91-4HO	REVISION:		NOTES:
	INT	DATE	
DATE: 06/09/2022			1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE 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. 3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988. 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. 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
FILE: LO_LSEOU_91-4HO			
DRAWN BY: KEU			
SHEET: 2 OF 2			

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. _____ LSEOU 91-4HO _____

SECTION 29 TWP 17N RGE 5W MERIDIAN 1.M.

COUNTY KINGFISHER STATE OKLAHOMA

DESCRIPTION 160' FSL & 1272' FWL

ELEV.: 980' (NGVD29)

ELEV.: 980' (NAVD88)



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 & 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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