API NUMBER: 073 26871

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 18 Township: 17N Range: 5W County:	KINGFISHER		
SPOT LOCATION: NW NW NE FEET FROM QUARTER: FROM NORTH	FROM EAST		
SECTION LINES: 160	2341		
Lease Name: LINCOLN SOUTHEAST OSWEGO UNIT Well No: 18-1HC	Well will be 160 feet from nearest unit or lease boundary.		
Operator Name: HINKLE OIL & GAS INC Telephone: 405848	0924 OTC/OCC Number: 21639 0		
HINKLE OIL & GAS INC	JAMES FOSTER		
5600 N MAY AVE STE 295	506 SOUTHVIEW		
OKLAHOMA CITY, OK 73112-4275	KINGFISHER OK 73750		
]		
Formation(s) (Permit Valid for Listed Formations Only):			
Name Code Depth	7		
1 OSWEGO 404OSWG 6230			
Spacing Orders: 52793 Location Exception Ord	ers: No Exceptions Increased Density Orders: No Density		
Pending CD Numbers: No Pending Working interest ow	ners' notified: *** Special Orders: No Special		
Total Depth: 11951 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	Approved Method for disposal of Drilling Fluids: D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38346		
Surface Water used to Drill: No	D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38346 H. (Other) CLOSED SYSTEM=STEEL PITS PER OPERATOR		
	REQUEST		
PIT 1 INFORMATION	Category of Pit: C		
Type of Pit System: CLOSED Closed System Means Steel Pits	Liner not required for Category: C		
Type of Mud System: WATER BASED	Pit Location is: AP/TE DEPOSIT		
Chlorides Max: 5000 Average: 3000	Pit Location Formation: TERRACE		
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 <u>is</u> located in a Hydrologically Sensitive Area.			
HODIZONIAL LIGHT 4			
HORIZONTAL HOLE 1			
Section: 7 Township: 17N Range: 5W Meridian: IM	Total Length: 5070		
County: KINGFISHER	Measured Total Depth: 11951		
Spot Location of End Point: NE NE NW NE	True Vertical Depth: 6358		
Feet From: NORTH 1/4 Section Line: 200	End Point Location from		
Feet From: EAST 1/4 Section Line: 1345	Lease,Unit, or Property Line: 200		

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

WELL LOCATION **LEGEND** LSEQUI18-1HQ HINKLE OIL & GAS SECTION LINE SECTION 18, TOWNSHIP 17N, RANGE 5W, I.M. QUARTER SECTION LINE 16TH LINE KINGFISHER COUNTY, OKLAHOMA RANGE LINE PROPOSED WELL BORE 1000' BOTTOM HOLE = 2064491 = 353378 AD-83 200' FNL & 1345' FEL NAD-27 X= 206692! Y= 353338 NAD-83 NAD-27 X= 2068238 (= 203289 (= 2037983 /= 353402 X= 2035331 Y= 353116 Y= 353362 /= 353318 LAT : 35°58'11.5" N LONG.: 97°46'09.8" W 12 LAT : 35.969858° N LONG : 97.769401° W 7 8 LOT 1 **BOTTOM HOLE** NAD-83 X= 2036639 · R6W Y= 353141 E/2-NW/4 LAT : 35°58'11 6" N -NZI - N2 LOT 2 LONG : 97°46'11.0" W LAT.: 35.969899° N SURFACE LOCATION LONG .: 97.769730° W 160' FNL & 2341' FEL NAD-27 X= 2067274 Y= 347898 NAD-27 X= 206448 Y= 350733 LOT 3 LAT.: 35°57'19.9" N = 2069599 = 350663 LONG.: 97°46'21.7" W TAKE POINT NAD-83 LAT.: 35.955527° N LONG.: 97.772699° W E/2-SW/4 NAD-27 X= 2066985 0' FSL & 1345' FEL X= 203288 Y= 350757 NAD-27 Y= 350687 ELEV : 1101' (NGVD29) Y= 348060 X= 2068269 LOT 4 NAD-83 NAD-83 TAKE POINT Y= 348046 X= 2035386 Y= 348084 X= 2035675 LAT : 35°57'21.3" N 12 7 8 Y= 347922 LONG .: 97°46'09.6" W 13 160' -18 LAT.: 35°57'20.0" N LAT.: 35.955928° N LONG.: 97.769336° W 17 LONG.: 97°46'22.9" W NAD-27 LOT 1 LAT .: 35.955569° N NAD-83 X= 206448 Y= 348087 = 2069614 LONG.: 97.773028° W X= 2036670 Y= 348087 NAD-83 X= 203288 Y= 348111 = 348031 ELEV .: 1101' (NAVD88) E/2-NW/4 Y= 348070 NE ΔD 83 X= 2038015 Y= 348055 LAT.: 35°57'21.5" N SURFACE LOCATION 160' FNL & 2341' FEL LONG .: 97°46'10.8" W LOT 2 LAT.: 35.955970° N LONG : 97.769665° W NAD-27 X= 2064470 Y= 345446 NAD-83 X= 203287 Y= 345470 SIONAL T. WAYNE **FISCH** 1378 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, P.L.S. No. 1378 Authorized Agent of Topographic, Co. TOPOGRAPHIC LSEOU 18-1HO LEASE NAME & WELL NO. 13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX: (405) 843-0975 CERTIFICATE OF AUTHORIZATION NO. 1292 LS WWW.TOPOGRAPHIC.COM SECTION 18 TWP 17N 5W _ MERIDIAN_ _ RGE_ KINGFISHER COUNTY STATE OKLAHOMA 160' FNL & 2341' FEL DESCRIPTION REVISION: ORIGINAL DOCUMENT SIZE: 8.5" X 14" ALL BEARINGS SHOWN NEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTHZONE ACCORDING TO THE RESULT OF STATIC GPS OSSERVATION 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. INT DATE LSEOU 18-1HO OF 1988 OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1923 AND NORTH AMERICAN VERTICAL DATUM OF 1988 OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988 OKLAHOMA COORDINATE SYSTEM OF THE LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY HINKE OIL 64 AS ONLY UTILITIES RESEARCHEST THAT VEREY USINGLE OF THE DATE OF THIS SURVEY, WITHINHOLONING THIS ESCEMENTATIOCATION, NAVE BEEN LOCATED AS SHOWN HEREON OF WHICH HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN OF THIS PLAT AND IS NON-TRANSFERBLE. AND MADE FOR THIS TRANSACTION ONLY. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY. DATE: 05/24/2022 FILE:LO_LSEOU_18-1HO

DRAWN BY: SHEET

1 OF 2

WELL LOCATION **LEGEND** LSEOU 18-1HO HINKLE OIL & GAS SECTION LINE QUARTER SECTION LINE 16TH LINE RANGE LINE SECTION 18, TOWNSHIP 17N, RANGE 5W, I.M. KINGFISHER COUNTY, OKLAHOMA PROPOSED WELL BORE 1000' 12 18



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

LSEOU 18-1HO



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LEASE NAME & WELL NO. SECTION 18 TWP 17N _ RGE_ 5W _ MERIDIAN__ OKLAHOMA KINGFISHER COUNTY_ STATE_ 160' FNL & 2341' FEL DESCRIPTION

	REVISION:		1
LSEOU 18-1HO	INT	DATE	2
			3
DATE: 05/24/2022			
FILE:LO_LSEOU_18-1HO			
DRAWN BY: KEU			
SHEET: 2 OF 2			l

- ORIGINAL DOCUMENT SIZE. 8.5" X 14"

 ALL BERAINDS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GRS 08SERVATION 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.

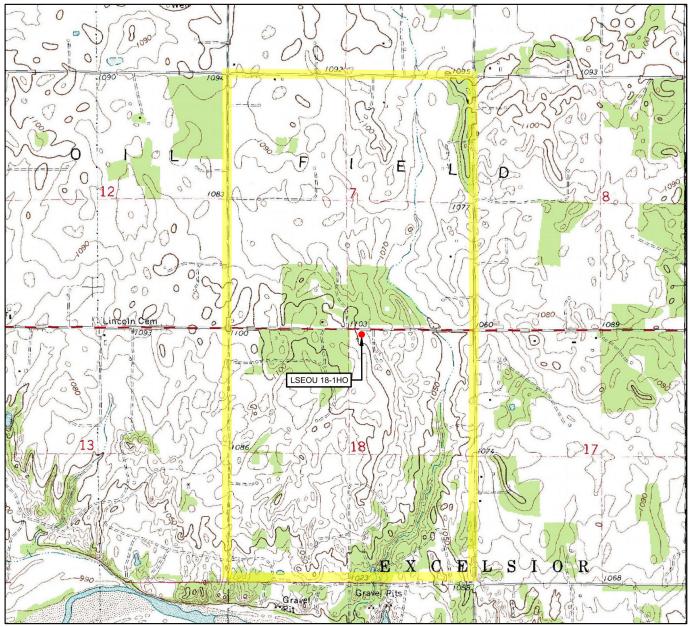
 OKLAHOMA COORDINATE SYSTEM OF 1982 AND NORTH AMERICAN VERTICAL DATUM OF 1982 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988.

 OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988.

 SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND LISING DOCUMENTATION PROVIDED BY HINKLE OIL & GAS ONLY UTILITIES ASSEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHINADDINING THIS ASSEMENTLACION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH 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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LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. LSEOU 18-1HO

 SECTION
 18
 TWP
 17N
 RGE
 5W
 MERIDIAN
 I.M.

 COUNTY
 KINGFISHER
 STATE
 OKLAHOMA

 DESCRIPTION
 160' FNL & 2341' FEL

ELEV.: 1101' (NGVD29) ELEV.: 1101' (NAVD88)

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.

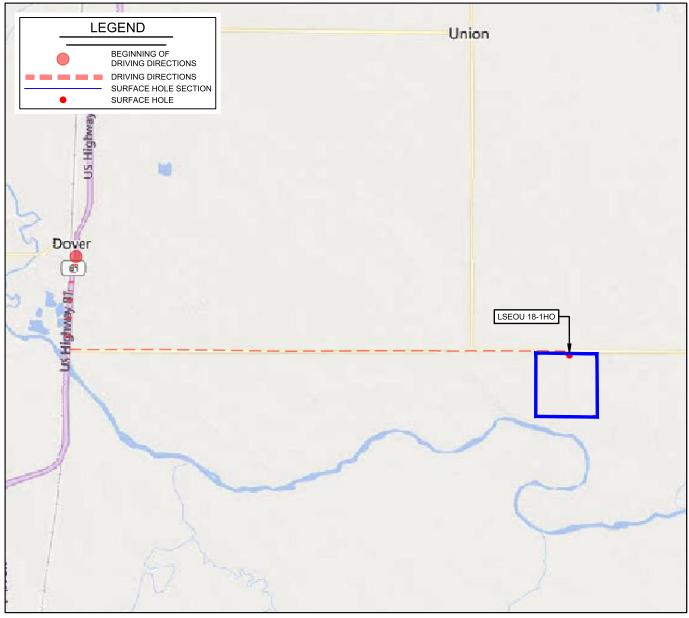
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM, U.S. SURVEY FEET.





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VICINITY MAP



LSEOU 18-1HO LEASE NAME & WELL NO. SECTION 18 TWP 17N 5W _ MERIDIAN_ RGE_ KINGFISHER COUNTY ____ **OKLAHOMA** STATE. 160' FNL & 2341' FEL DESCRIPTION **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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