

API NUMBER: 049 25349

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

Approval Date: 08/31/2021  
Expiration Date: 02/28/2023

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 33 Township: 3N Range: 4W County: GARVIN

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 215 2245

Lease Name: KELLNER 0304 Well No: 1H-22X Well will be 215 feet from nearest unit or lease boundary.  
Operator Name: OIVINTIV MID-CONTINENT INC. Telephone: 2812105100; 9188781290; OTC/OCC Number: 20944 0

OIVINTIV MID-CONTINENT INC.  
4 WATERWAY AVE STE 100  
THE WOODLANDS, TX 77380-2764

RICHARD KELLNER  
19884 N. COUNTY ROAD 3000  
LINDSAY OK 73052

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

Name	Code	Depth
1 SPRINGER	401SPRG	12095

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202002107  
202101491

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

Special Orders: No Special

Total Depth: 23293 Ground Elevation: 1044

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 330

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37701  
E. Haul to Commercial pit facility Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498  
H. (Other) SEE MEMO

**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

**PIT 2 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

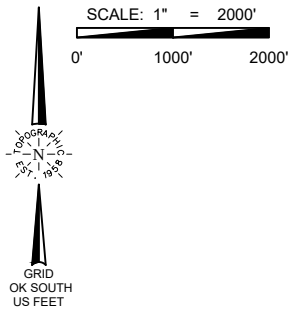
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation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

# HORIZONTAL HOLE 1

Section: 22      Township: 3N      Range: 4W      Meridian: 1M      Total Length: 10252  
                          County: GARVIN      Measured Total Depth: 23293  
 Spot Location of End Point: NW      NW      NE      NW      True Vertical Depth: 12500  
                          Feet From: **NORTH**      1/4 Section Line: 85      End Point Location from  
                          Feet From: **WEST**      1/4 Section Line: 1400      Lease,Unit, or Property Line: 85

## NOTES:

Category	Description
DEEP SURFACE CASING	[8/5/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[8/5/2021 - 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>
MEMO	[8/5/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - RUSH CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202002107	<p>[8/30/2021 - G56] - (1280)(HOR) 22 &amp; 27-3N-4W            VAC 398565 SPRSD 22-3N-4W            VAC 175388 SPRG 27-3N-4W            EST SPRG            COMPL INT NCT 660' FB            REC 8/24/2021 (MYLES)</p>
PENDING CD - 202101491	<p>[8/30/2021 - G56] - (I.O.) 22 &amp; 27-3N-4W            X202002107 SPRG            COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 990' FWL***            NO OP NAMED            REC 8/31/2021 (MILLER)</p> <p>*** ORALLY AMENDED AT HEARING TO NCT 330' FSL, NCT 330' FNL, NCT 990' FWL PER ATTORNEY FOR OPERATOR;</p>



**WELL LOCATION**  
KELLNER 0304 1H-22X  
OVINTIV MID-CONTINENT INC.  
SECTION 33, TOWNSHIP 3N, RANGE 4W, I.M.  
GARVIN COUNTY, OKLAHOMA

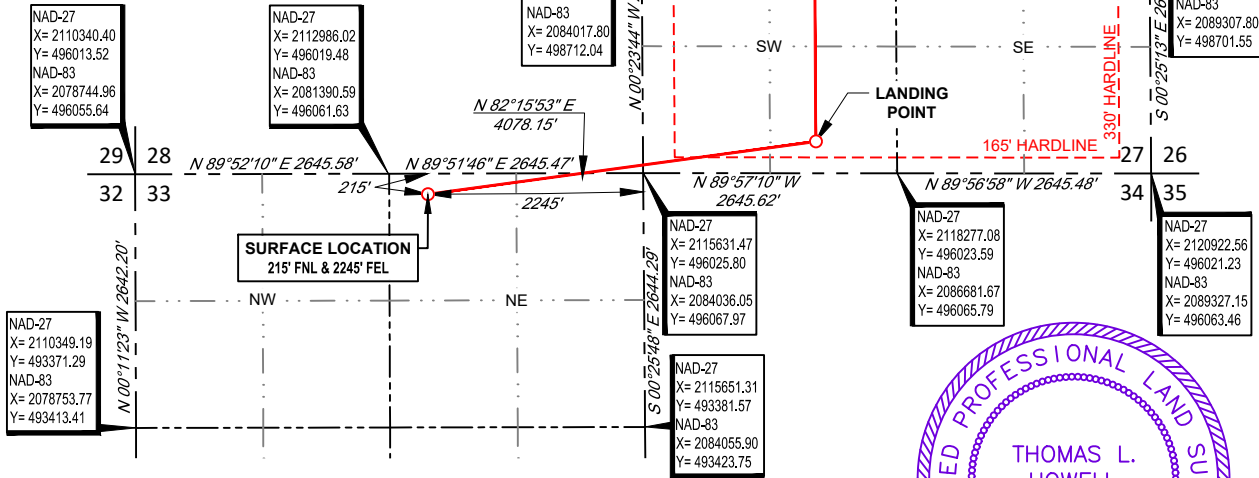
LEGEND	
	SECTION LINE
	QUARTER SECTION LINE
	16TH LINE
	PROPOSED WELL BORE

**SURFACE LOCATION**  
215' FNL & 2245' FEL  
NAD-27  
X= 2113388  
Y= 495805  
LAT.: 34°41'42.7" N  
LONG.: 97°37'22.0" W  
LAT.: 34.695186° N  
LONG.: 97.622788° W  
ELEV.: 1044' (NGVD29)  
NAD-83  
X= 2081793  
Y= 495848  
LAT.: 34°41'42.9" N  
LONG.: 97°37'23.1" W  
LAT.: 34.695263° N  
LONG.: 97.623096° W  
ELEV.: 1044' (NAVD88)

**LAST TAKE POINT**  
330' FNL & 1419' FWL  
NAD-27  
X= 2116993  
Y= 506259  
LAT.: 34°43'25.9" N  
LONG.: 97°36'38.4" W  
LAT.: 34.723872° N  
LONG.: 97.610663° W  
NAD-83  
X= 2085397  
Y= 506301  
LAT.: 34°43'26.2" N  
LONG.: 97°36'39.5" W  
LAT.: 34.723949° N  
LONG.: 97.610971° W

**LANDING POINT**  
330' FSL & 1800' FWL  
NAD-27  
X= 2117429  
Y= 496354  
LAT.: 34°41'47.9" N  
LONG.: 97°36'33.6" W  
LAT.: 34.696652° N  
LONG.: 97.609337° W  
NAD-83  
X= 2085834  
Y= 496396  
LAT.: 34°41'48.2" N  
LONG.: 97°36'34.7" W  
LAT.: 34.696729° N  
LONG.: 97.609645° W

**BOTTOM HOLE**  
85' FNL & 1400' FWL  
NAD-27  
X= 2116973  
Y= 506504  
LAT.: 34°43'28.4" N  
LONG.: 97°36'38.6" W  
LAT.: 34.724546° N  
LONG.: 97.610726° W  
NAD-83  
X= 2085377  
Y= 506546  
LAT.: 34°43'28.6" N  
LONG.: 97°36'39.7" W  
LAT.: 34.724622° N  
LONG.: 97.611035° W

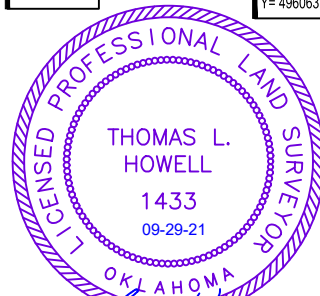


**SURVEYOR'S CERTIFICATE:**

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.



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



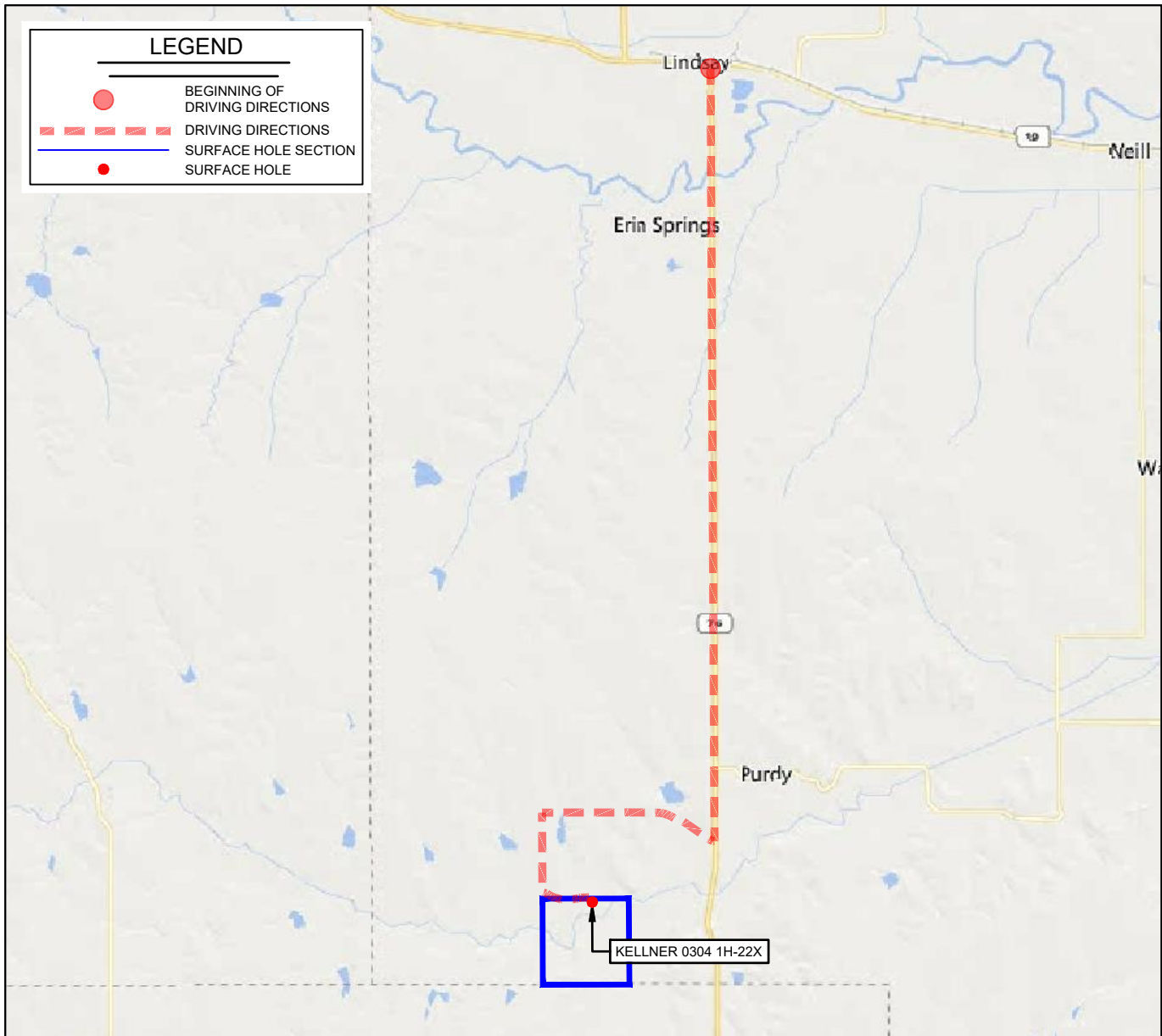
Thomas L. Howell, P.L.S. No. 1433  
Authorized Agent of Topographic Land Surveyors

LEASE NAME & WELL NO. KELLNER 0304 1H-22X  
SECTION 33 TWP 3N RGE 4W MERIDIAN I.M.  
COUNTY GARVIN STATE OKLAHOMA  
DESCRIPTION 215' FNL & 2245' FEL

KELLNER 0304 1H-22X	REVISION:	
	INT	DATE
	JS	07/01/2021
DATE: 06/29/2021	TR	07/01/2021
FILE:LO_KELLNER_0304_1H-22X_REV3	TR	07/02/2021
DRAWN BY: KEU		
SHEET: 1 OF 1		

- NOTES:**
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 OVINTIV MID-CONTINENT INC. 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. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
  6. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

## VICINITY MAP



LEASE NAME & WELL NO. KELLNER 0304 1H-22X

SECTION 33 TWP 3N RGE 4W MERIDIAN I.M.

COUNTY GARVIN STATE OKLAHOMA

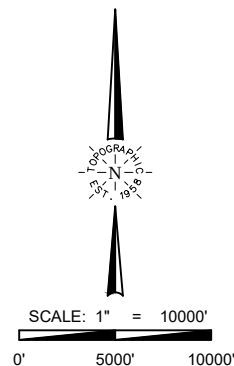
DESCRIPTION 215' FNL & 2245' FEL

### DISTANCE & DIRECTION

FROM THE INTERSECTION OF OK-19 & OK-76 GO  $\pm 9.0$  MI. SOUTH ON  
OK-76, THEN  $\pm 2.0$  MI. NORTHWESTERLY ON E. COUNTY RD 1590,  
THEN  $\pm 0.9$  MI. SOUTH ON N. COUNTY RD. 3010, THEN  $\pm 0.5$  MI.  
SOUTHEASTERLY ON LEASE ROAD TO LOCATION IN THE  
NORTHEAST QUARTER OF SECTION 33-T3N-R4W.

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 OVINTIV MID-CONTINENT INC.. 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 1983, U.S. SURVEY FEET AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY  
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