

API NUMBER: 017 25779

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

Approval Date: 02/15/2022
Expiration Date: 08/15/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 03 Township: 13N Range: 7W County: CANADIAN

SPOT LOCATION: ☐ NW ☐ SE ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 525 2300

Lease Name: BOHLMAN 1407 Well No: 4H-34X Well will be 525 feet from nearest unit or lease boundary.
Operator Name: OVINTIV USA INC Telephone: 2812105100 OTC/OCC Number: 21713 0

OVINTIV USA INC

THE WOODLANDS, TX 77380-3197

ALAN BRINKLEY, JAMES PAUL BRINKLEY AND NANCY BETH FOUTS

2622 WALNUT RD

NORMAN OK 73072

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	8882
2	WOODFORD	319WDFD	9354

Spacing Orders: 721310
615614

Location Exception Orders: 721311
721154

Increased Density Orders: 721152
721183
721153
721184

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 19569 Ground Elevation: 1262

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

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: 22-38115
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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: chickasha

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: chickasha

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.

MULTI UNIT HOLE 1

Section: 34	Township: 14N	Range: 7W	Meridian: IM	Total Length: 10277
	County: CANADIAN			Measured Total Depth: 19569
Spot Location of End Point: NW	NW	NE	NW	True Vertical Depth: 10000
Feet From: NORTH		1/4 Section Line: 85		End Point Location from
Feet From: WEST		1/4 Section Line: 1588		Lease, Unit, or Property Line: 85

NOTES:

Category	Description
DEEP SURFACE CASING	[2/11/2022 - 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
EXCEPTION TO RULE - 721154	[2/15/2022 - GC2] - (I.O.) 3-13N-7W & 34-14N-7W X165:10-3-28(C)(2)(B) MSSP/WDFD (BOHLMAN 1407 4H-34X) MAY BE CLOSER THAN 600' TO BOHLMAN 1407 2H-34X, BOHLMAN 1407 3H-34X, BOHLMAN 1407 5H-34X, BOHLMAN 1H-34X, WALLER 34-1 NO OP NAMED 10-15-2021
HYDRAULIC FRACTURING	[2/11/2022 - 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: OCCWEB.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
INCREASED DENSITY - 721152	[2/15/2022 - GC2] - 3-13N-7W X615614 MSSP 4 WELLS OVINTIV MID-CONTINENT INC 10-15-2021
INCREASED DENSITY - 721153	[2/15/2022 - GC2] - 34-14N-7W X615614 MSSP 4 WELLS OVINTIV MID-CONTINENT INC 10-15-2021
INCREASED DENSITY - 721183	[2/15/2022 - GC2] - 3-13N-7W X615614 WDFD 3 WELLS OVINTIV USA INC 10-18-2021
INCREASED DENSITY - 721184	[2/15/2022 - GC2] - 34-14N-7W X615614 WDFD 3 WELLS OVINTIV USA INC 10-18-2021
LOCATION EXCEPTION - 721311	[2/15/2022 - GC2] - (I.O.) 3-13N-7W & 34-14N-7W X615614 MSSP, WDFD, OTHER 3-13N-7W & 34-14N-7W COMPL. INT. (3-13N-7W) NCT 165' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. (34-14N-7W) NCT 0' FSL, NCT 165' FNL, NCT 660' FWL OVINTIV USA INC 10-25-2021
MEMO	[2/11/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 615614	[2/15/2022 - GC2] - (640)(HOR) 34-14N-7W & 3-13N-7W VAC 188016/340100 MSCST, OTHER VAC 139290 MCSMN VAC 139290 MISS, OTHER VAC 197702 MISS, WDFD EST MSSP, WDFD, OTHER COMP. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL COMP. INT. (MSSP) NLT 660' FB
SPACING - 721310	[2/15/2022 - GC2] - (I.O.) 3-13N-7W & 34-14N-7W EST MULTIUNIT HORIZONTAL WELL X615614 MSSP, WDFD, OTHER 3-13N-7W & 34-14N-7W 50% 3-13N-7W 50% 34-14N-7W OVINTIV USA INC 10-25-2021

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.

017 25779 BOHLMAN 1407 4H-34X

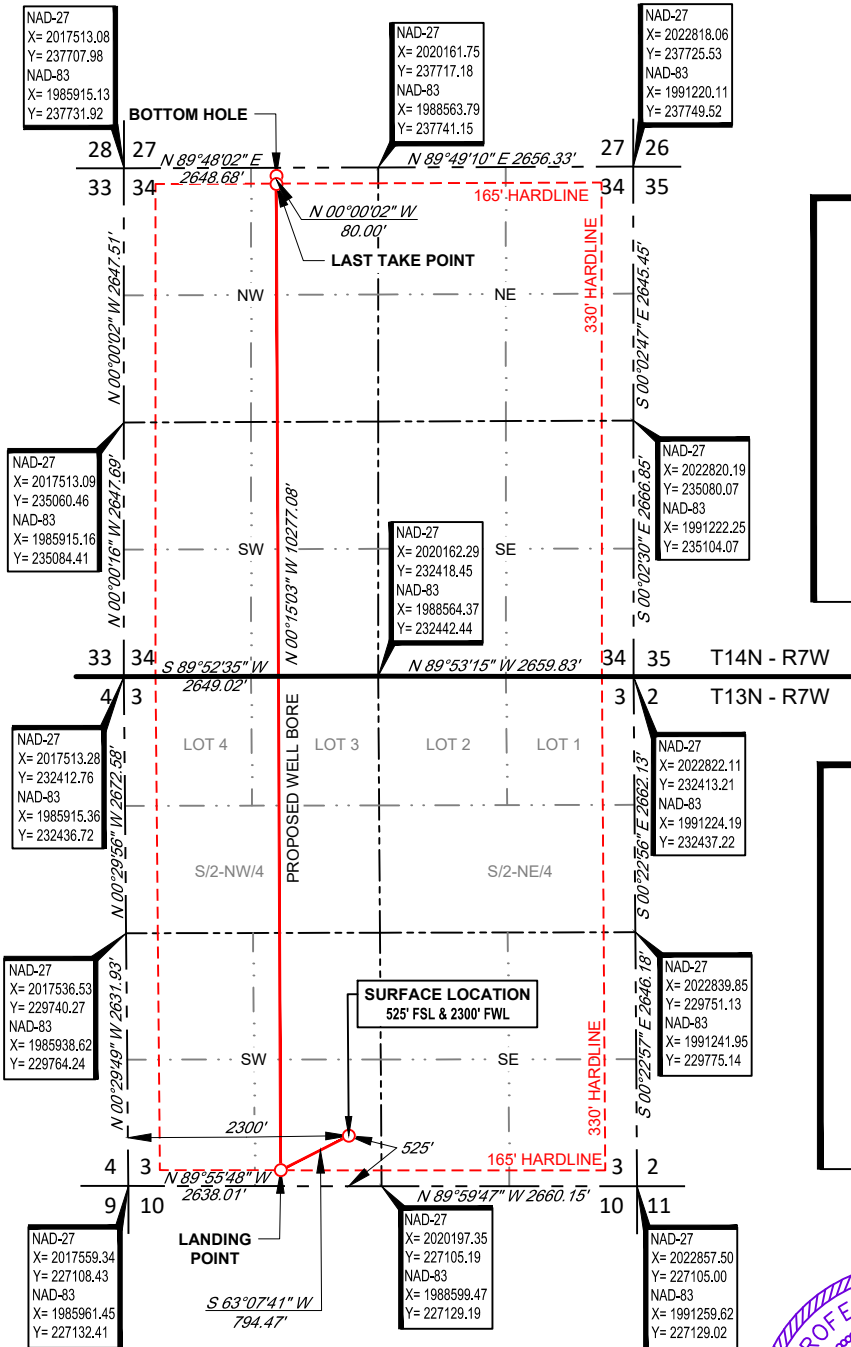


WELL LOCATION
BOHLMAN 1407 4H-34X
OVINTIV MID-CONTINENT INC.
SECTION 3, TOWNSHIP 13N, RANGE 7W, I.M.
CANADIAN COUNTY, OKLAHOMA

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

SURFACE LOCATION
525' FSL & 2300' FWL
NAD-27
X= 2019855
Y= 227631
LAT.: 35°37'31.2" N
LONG.: 97°55'59.5" W
LAT.: 35.625325° N
LONG.: 97.933196° W
ELEV.: 1261' (NGVD29)
NAD-83
X= 1988257
Y= 227655
LAT.: 35°37'31.3" N
LONG.: 97°56'00.7" W
LAT.: 35.625374° N
LONG.: 97.933524° W
ELEV.: 1262' (NAVD88)

LANDING POINT
165' FSL & 1588' FWL
NAD-27
X= 2019146
Y= 227271
LAT.: 35°37'27.6" N
LONG.: 97°56'08.1" W
LAT.: 35.624340° N
LONG.: 97.935582° W
NAD-83
X= 1987548
Y= 227295
LAT.: 35°37'27.8" N
LONG.: 97°56'09.3" W
LAT.: 35.624389° N
LONG.: 97.935909° W



LAST TAKE POINT
165' FNL & 1588' FWL
NAD-27
X= 2019101
Y= 237548
LAT.: 35°39'09.3" N
LONG.: 97°56'08.6" W
LAT.: 35.652573° N
LONG.: 97.935710° W
NAD-83
X= 1987503
Y= 237572
LAT.: 35°39'09.4" N
LONG.: 97°56'09.7" W
LAT.: 35.652622° N
LONG.: 97.936038° W

BOTTOM HOLE
85' FNL & 1588' FWL
NAD-27
X= 2019101
Y= 237628
LAT.: 35°39'10.1" N
LONG.: 97°56'08.6" W
LAT.: 35.652793° N
LONG.: 97.935710° W
NAD-83
X= 1987503
Y= 237652
LAT.: 35°39'10.2" N
LONG.: 97°56'09.7" W
LAT.: 35.652842° N
LONG.: 97.936038° W

SURVEYOR'S CERTIFICATE:

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



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
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



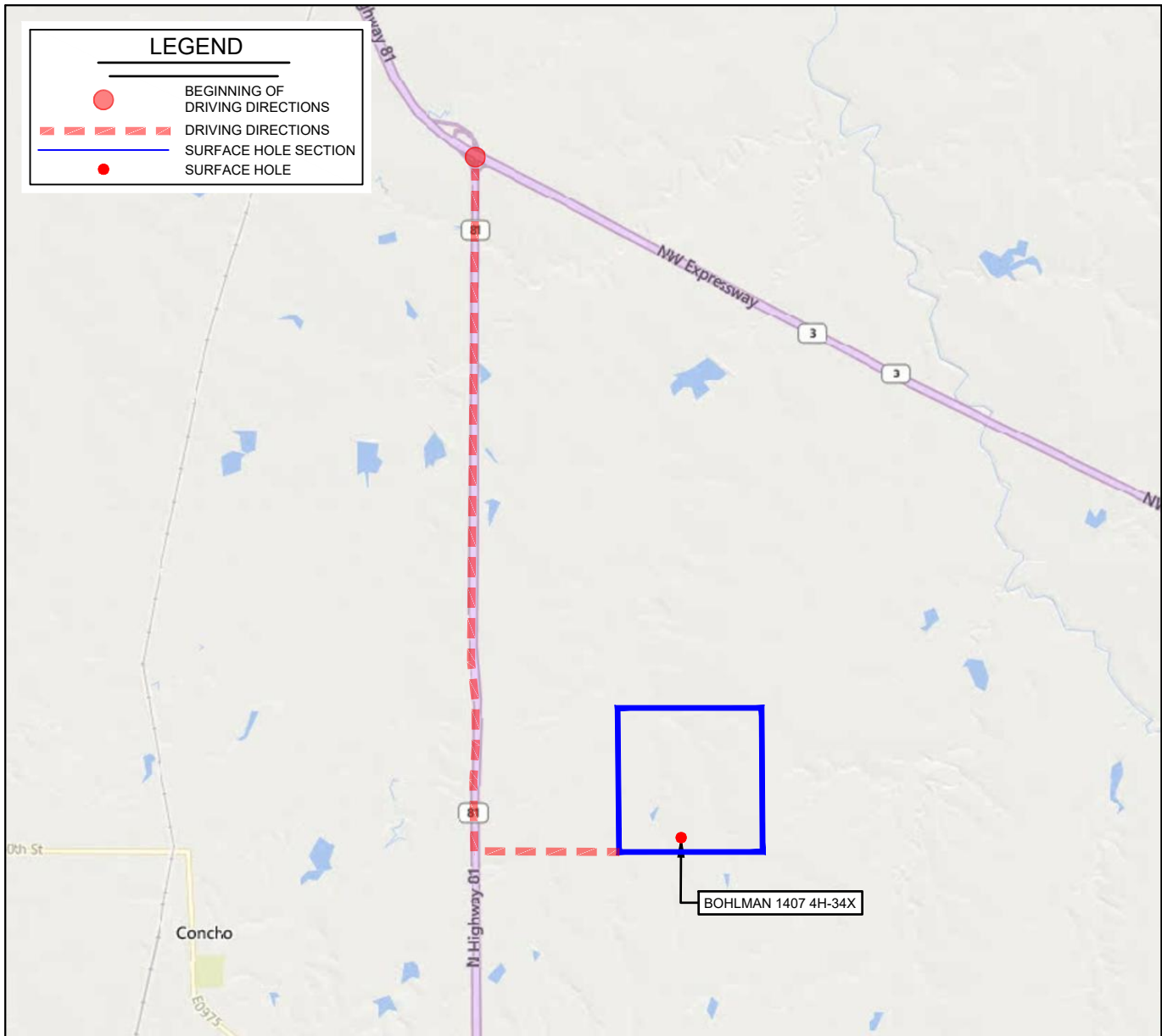
Thomas L. Howell
Thomas L. Howell, P.L.S. No. 1433
Authorized Agent of Topographic, Co.

LEASE NAME & WELL NO. BOHLMAN 1407 4H-34X
SECTION 3 TWP 13N RGE 7W MERIDIAN I.M.
COUNTY CANADIAN STATE OKLAHOMA
DESCRIPTION 525' FSL & 2300' FWL

BOHLMAN 1407 4H-34X	REVISION:	
	INT	DATE
	KEU	02/07/2022
DATE:	01/25/2022	
FILE:LO_BOHLMAN_1407_4H-34X_REV1		
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. BOHLMAN 1407 4H-34X

SECTION 3 TWP 13N RGE 7W MERIDIAN I.M.

COUNTY CANADIAN STATE OKLAHOMA

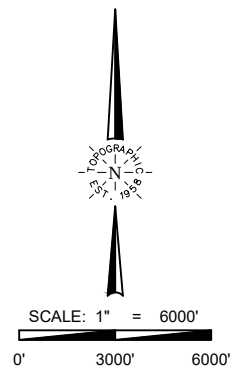
DESCRIPTION 525' FSL & 2300' FWL

DISTANCE & DIRECTION

FROM THE JUNCTION OF US HIGHWAY 81 AND ST. HIGHWAY
3/NORTHWEST EXPRESSWAY, GO ± 4.8 MI. SOUTH ON US HIGHWAY
81, THEN ± 1.0 MI. EAST ON 150 ST. NE TO THE SOUTHWEST
CORNER OF SECTION 3-T13N-R7W.

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
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