

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

API NUMBER: 043 23195 B

Approval Date: 05/06/2021  
Expiration Date: 11/06/2022

Horizontal Hole Oil & Gas

**PERMIT TO DEEPEN**

WELL LOCATION: Section: 01 Township: 16N Range: 15W County: DEWEY

SPOT LOCATION:     FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 200 1320

Lease Name: ZION 1715 (JOYCE 1-36H) Well No: 1-36-25XH Well will be 200 feet from nearest unit or lease boundary.

Operator Name: BLAKE PRODUCTION COMPANY INC Telephone: 4052869800 OTC/OCC Number: 18119 0

BLAKE PRODUCTION COMPANY INC  
1601 NW EXPRESSWAY STE 777  
OKLAHOMA CITY, OK 73118-1446

JOYCE HOLSAPPLE  
RT ONE, BOX 125  
OAKWOOD OK 73658

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

Name	Code	Depth
1 MORROW	402MRRW	10100

Spacing Orders: 717617

Location Exception Orders: 718090

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

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

Special Orders: No Special Orders

Total Depth: 20300

Ground Elevation: 1742

Surface Casing: 1502 IP

Depth to base of Treatable Water-Bearing FM: 440

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: 21-37613

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR  
REQUEST,OBM RETURNED TO VENDOR,CUTTINGS  
PERMITTED PER DISTRICT

**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 8000 Average: 5000

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

**HORIZONTAL HOLE 1**

Section: 25 Township: 17N Range: 15W Meridian: IM

Total Length: 9900

County: DEWEY

Measured Total Depth: 20300

Spot Location of End Point: E2 NW NE NW

True Vertical Depth: 10100

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1830

End Point Location from  
Lease,Unit, or Property Line: 330

**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>[5/4/2021 - 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>
INTERMEDIATE CASING	[5/4/2021 - GC2] - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
LOCATION EXCEPTION - 718090	<p>[5/5/2021 - G56] - (I.O.)(IRR UNIT) W2 25 &amp; W2 36-17N-15W X717617 MRRW COMPL INT NCT 330' FNL, NCT 330' FSL, NCT 330' FEL OR FWL BLAKE PRODUCTION CO. 4/30/2021</p>
SPACING - 717617	<p>[5/5/2021 - G56] - (640)(HOR)(IRR UNIT) W2 25 &amp; W2 36-17N-15W EST MRRW COMPL INT NCT 660' FB (COEXIST WITH SP # 85220 MRRW 25-17N-15W, # 76260 MRRW 36-17N-15W</p>





ZION 1715 1-36-25XH  
BLAKE PRODUCTION CO.  
SECTION 1, TOWNSHIP 16N, RANGE 15W, I.M.  
DEWEY COUNTY, OKLAHOMA

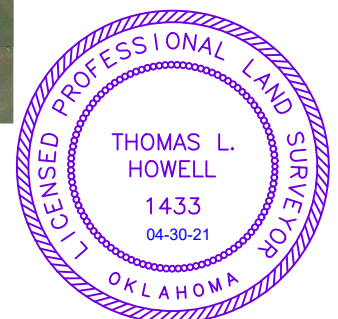
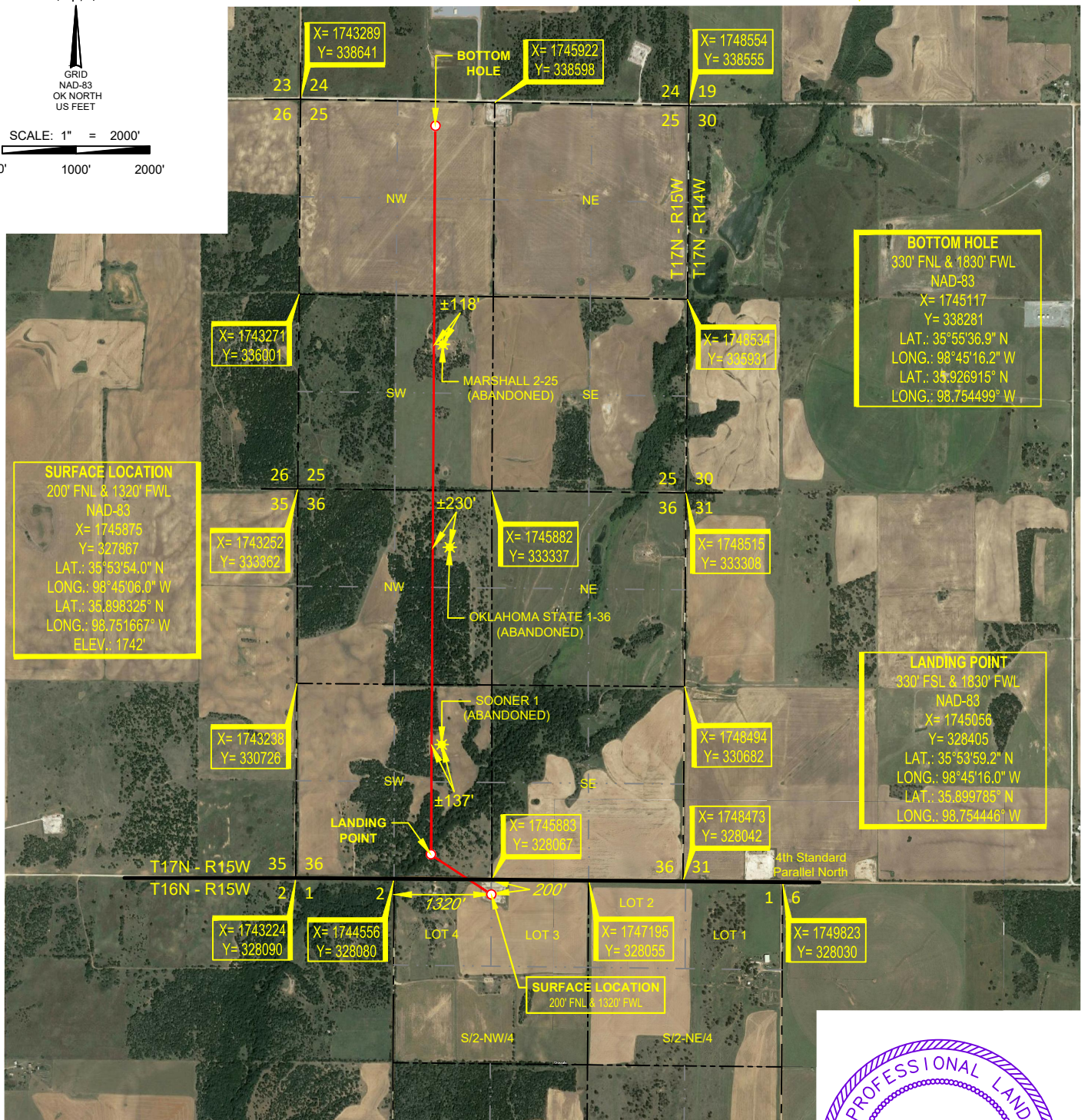
SECTION LINE  
TOWNSHIP/RANGE LINE  
QUARTER SECTION LINE  
16TH LINE  
PROPOSED WELL BORE  
ABANDONED WELL



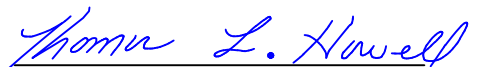
GRID  
NAD-83  
OK NORTH  
US FEET

SCALE: 1" = 2000'

0'                      1000'                      2000'



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

LEASE NAME & WELL NO. ZION 1715 1-36-25XH

SECTION 1 TWP 16N RGE 15W MERIDIAN 1.M.  
COUNTY DEWEY STATE OKLAHOMA  
DESCRIPTION 200' FNL & 1320' FWL



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

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

WWW.TOPOGRAFIC.COM

ZION 1715 1-36-25XH	REVISION:	
	INT	DATE
DATE: 04/29/2021		
FILE:LO_ZION_1715_1-36-25XH		
DRAWN BY: KEU		
SHEET : 2 OF 2		

NOTES:  
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 83 - HORIZONTAL AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.  
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 BLAKE PRODUCTION CO. 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


O:\SURVEY\BLAKE PRODUCTION\ZION 1715 1-36-25X\H\FINAL PRODUCTION\ZION 1715 1-36-25X\H.DWG 4/30/2021 10:36:46 AM tyler rogers



SECTION 1 TWP 16N RGE 15W MERIDIAN I.M.  
COUNTY DEWEY STATE OKLAHOMA  
DESCRIPTION 200' FNL & 1320' FWL  
ELEVATION 1742'



SCALE: 1" = 2000'



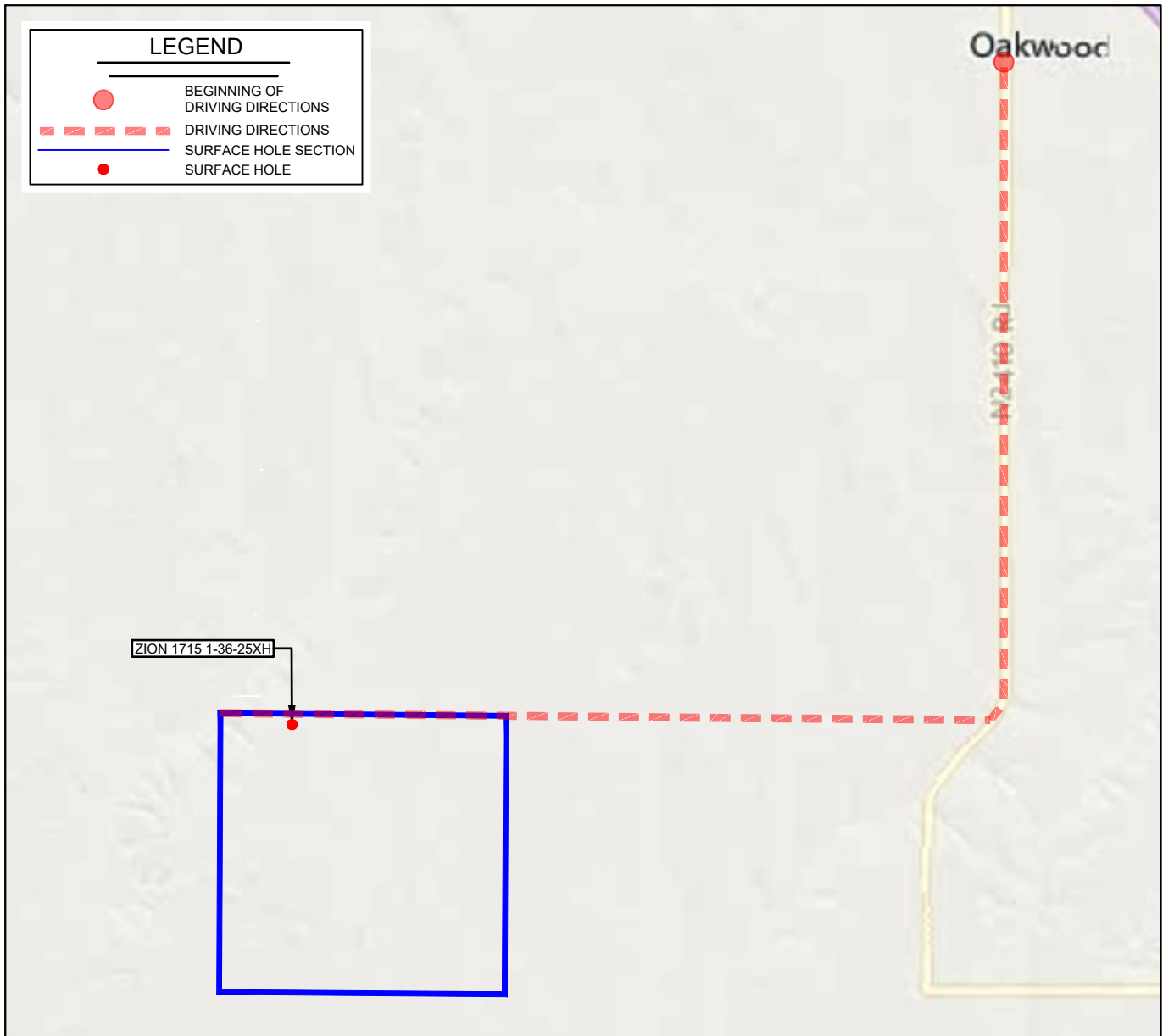
0' 1000' 2000'

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.



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

# VICINITY MAP



LEASE NAME & WELL NO. ZION 1715 1-36-25XH

SECTION 1 TWP 16N RGE 15W MERIDIAN I.M.

COUNTY DEWEY STATE OKLAHOMA

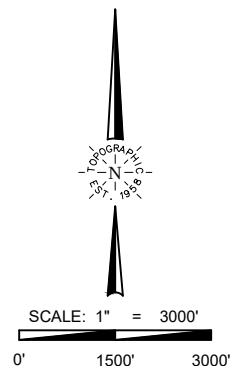
DESCRIPTION 200' FNL & 1320' FWL

DISTANCE & DIRECTION

FROM OAKWOOD, OK GO  $\pm 2.25$  MI. SOUTH ON ORIENT AVE./N2410 RD.,  
THEN  $\pm 2.75$  MI. WEST ON E0770 RD, TO THE NORTHWEST CORNER OF  
SECTION 1-T16N-R15W.

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 BLAKE PRODUCTION CO.. 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  
CERTIFICATE OF AUTHORIZATION NO. 1292 LS  
WWW.TOPOGRAPHIC.COM