

API NUMBER: 109 22513

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

Approval Date: 02/04/2022

Expiration Date: 08/04/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 05 Township: 12N Range: 4W County: OKLAHOMA

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ NE
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 476 1096

Lease Name: WALDEN 1204 05-09 Well No: 2BH Well will be 476 feet from nearest unit or lease boundary.

Operator Name: REVOLUTION RESOURCES LLC Telephone: 4055345232 OTC/OCC Number: 24162 0

REVOLUTION RESOURCES LLC
14301 CALIBER DR STE 110
OKLAHOMA CITY, OK 73134-1016

CITY OF OKLAHOMA CITY
200 N WALKER
2ND FLR
OKLAHOMA CITY OK 73102

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

Name	Code	Depth
1 HUNTON	269HNTN	7195

Spacing Orders: 20212
20688
21445
22247
23416

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: 17165

Ground Elevation: 1283

Surface Casing: 1080

Depth to base of Treatable Water-Bearing FM: 1030

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: 22-38098

H. (Other)

CLOSED SYSTEM=STEEL PITS (REQUIRED - BLUFF CREEK CANAL)

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? Y

Wellhead Protection Area? Y

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: BISON

HORIZONTAL HOLE 1

Section: 9 Township: 12N Range: 4W Meridian: IM
County: OKLAHOMA

Total Length: 9510

Measured Total Depth: 17165

Spot Location of End Point: SE SE NW SE

True Vertical Depth: 7233

Feet From: SOUTH 1/4 Section Line: 1447

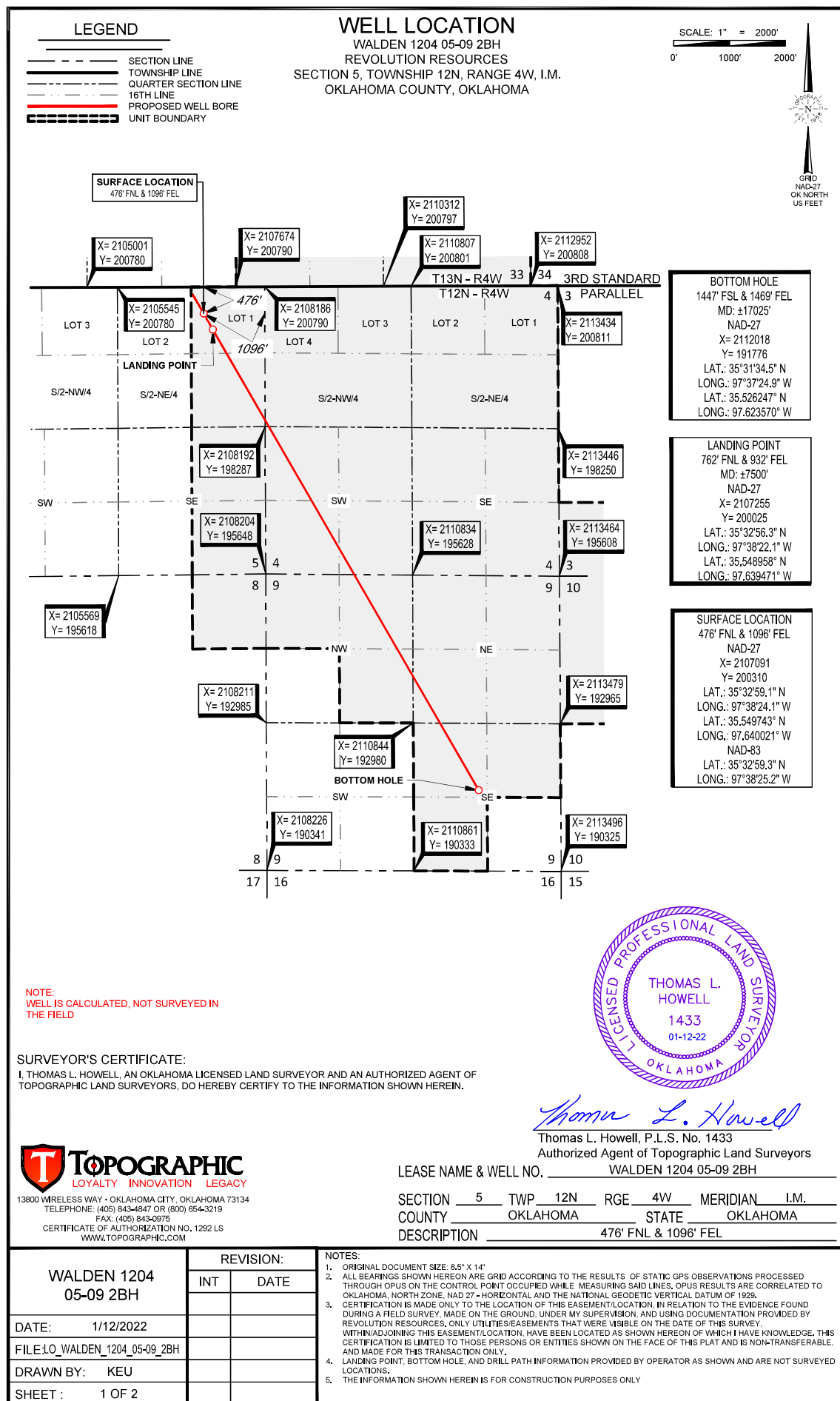
End Point Location from
Lease, Unit, or Property Line: 195

Feet From: EAST 1/4 Section Line: 1469

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>[2/3/2022 - 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: OCCWEB.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>
PUBLIC WATER SUPPLY	[2/3/2022 - GC2] - BETHANY - 1 WELL W2 5-12N-4W
SPACING - 20212	[2/4/2022 - G56] - (UNIT) N2, SW4, N2 SE4, SW4 SE4 4, E2 E2 5, N2 N2 9-12N-4W EST WEST EDMOND HUNTON LIME UNIT FOR HNTN
SPACING - 20688	[2/4/2022 - G56] - (UNIT) SE4 SE4 4 & SW4 NE4, SE4 NE4 9-12N-4W ENLARGE WEST EDMOND HUNTON LIME UNIT FOR HNTN
SPACING - 21445	[2/4/2022 - G56] - (UNIT) NW4 SE4 9-12N-4W ENLARGE WEST EDMOND HUNTON LIME UNIT FOR HNTN
SPACING - 22247	[2/4/2022 - G56] - (UNIT) SE4 NW4, NE4 SE4 9-12N-4W ENLARGE WEST EDMOND HUNTON LIME UNIT FOR HNTN
SPACING - 23416	[2/4/2022 - G56] - (UNIT) SW4 SE4 9-12N-4W ENLARGE WEST EDMOND HUNTON LIME UNIT FOR HNTN
SURFACE CASING	[2/3/2022 - GC2] - NO DEEP SURFACE CASING DUE TO BEING INSIDE A PWS BOUNDARY

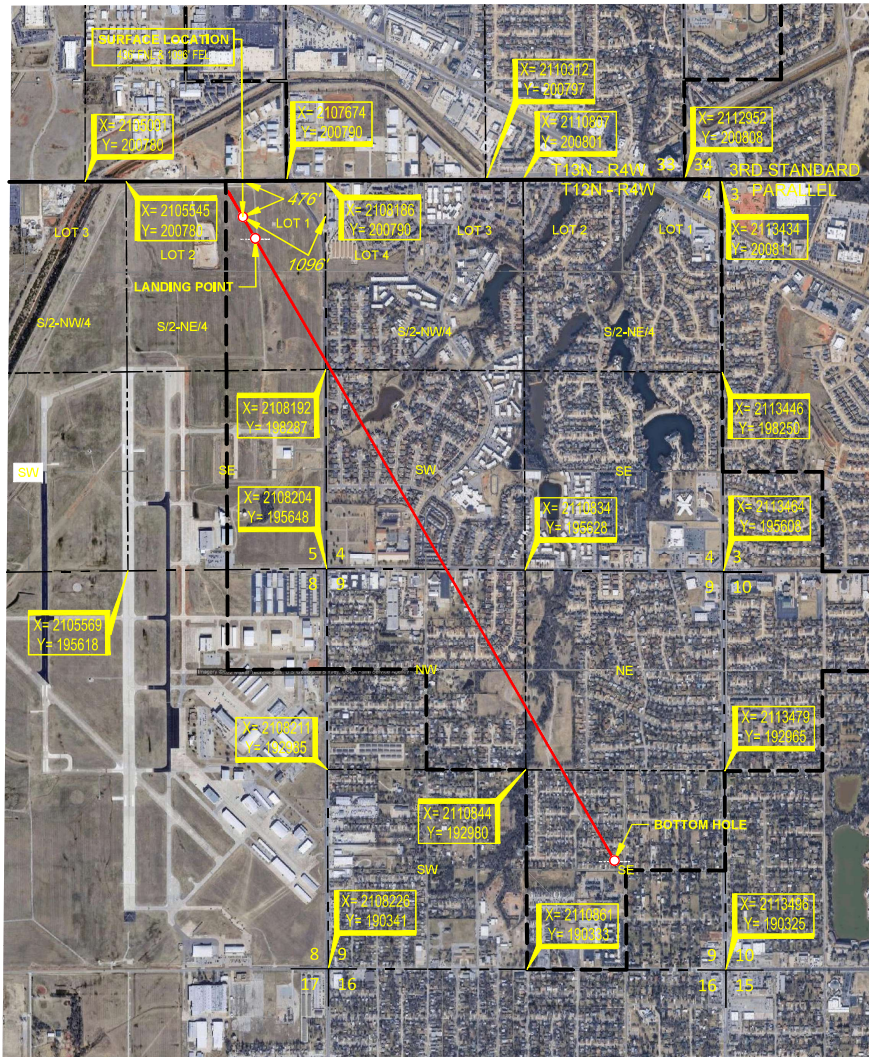
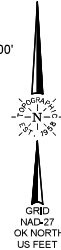


LEGEND	
	SECTION LINE
	TOWNSHIP LINE
	QUARTER SECTION LINE
	16TH LINE
	PROPOSED WELL BORE
	UNIT BOUNDARY

WELL LOCATION WALDEN 1204 05-09 2BH REVOLUTION RESOURCES SECTION 5, TOWNSHIP 12N, RANGE 4W, I.M. OKLAHOMA COUNTY, OKLAHOMA

SCALE: 1" = 2000'

0' 1000' 2000'



BOTTOM HOLE
1447' FSL & 1469' FEL
MD: ±17025
NAD-27
X= 2112018
Y= 191776
LAT.: 35°31'34.5" N
LONG.: 97°37'24.9" W
LAT.: 35.526247° N
LONG.: 97.623570° W

LANDING POINT
762' FNL & 932' FEL
MD: ±7500'
NAD-27
X= 2107255
Y= 200025
LAT.: 35°32'56.3" N
LONG.: 97°38'22.1" W
LAT.: 35.548958° N
LONG.: 97.639471° W

SURFACE LOCATION
476' FNL & 1096' FEL
NAD-27
X= 2107091
Y= 200310
LAT.: 35°32'59.1" N
LONG.: 97°38'24.1" W
LAT.: 35.549743° N
LONG.: 97.640021° W
NAD-83
LAT.: 35°32'59.3" N
LONG.: 97°38'25.2" W

NOTE:
WELL IS CALCULATED, NOT SURVEYED IN THE FIELD

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.



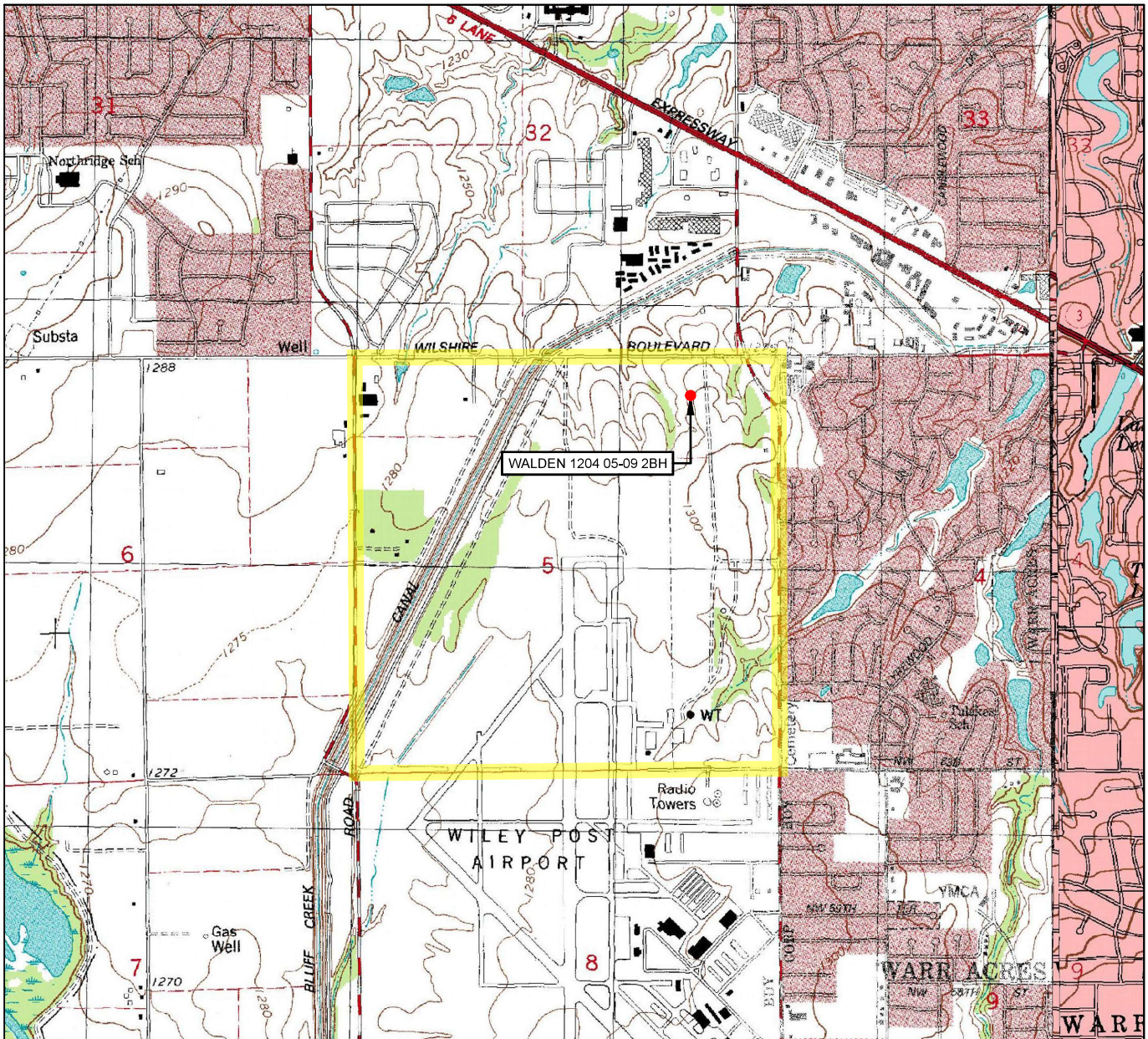
Thomas L. Howell
Thomas L. Howell, P.L.S. No. 1433
Authorized Agent of Topographic Land Surveyors

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

LEASE NAME & WELL NO. WALDEN 1204 05-09 2BH
SECTION 5 TWP 12N RGE 4W MERIDIAN I.M.
COUNTY OKLAHOMA STATE OKLAHOMA
DESCRIPTION 476' FNL & 1096' FEL

WALDEN 1204 05-09 2BH	REVISION:		NOTES:
	INT	DATE	
DATE: 1/12/2022			<p>1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"</p> <p>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 27 - HORIZONTAL AND THE NATIONAL GEODETIC DATUM OF 1983.</p> <p>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 REVOLUTION RESOURCES, 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.</p> <p>4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.</p> <p>5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY</p>
FILE:LO_WALDEN_1204_05-09_2BH			
DRAWN BY: KEU			
SHEET: 2 OF 2			

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. WALDEN 1204 05-09 2BH

SECTION 5 TWP 12N RGE 4W MERIDIAN 1.M.

COUNTY OKLAHOMA STATE OKLAHOMA

DESCRIPTION 476' FNL & 1096' FEL



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 REVOLUTION RESOURCES. 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 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134

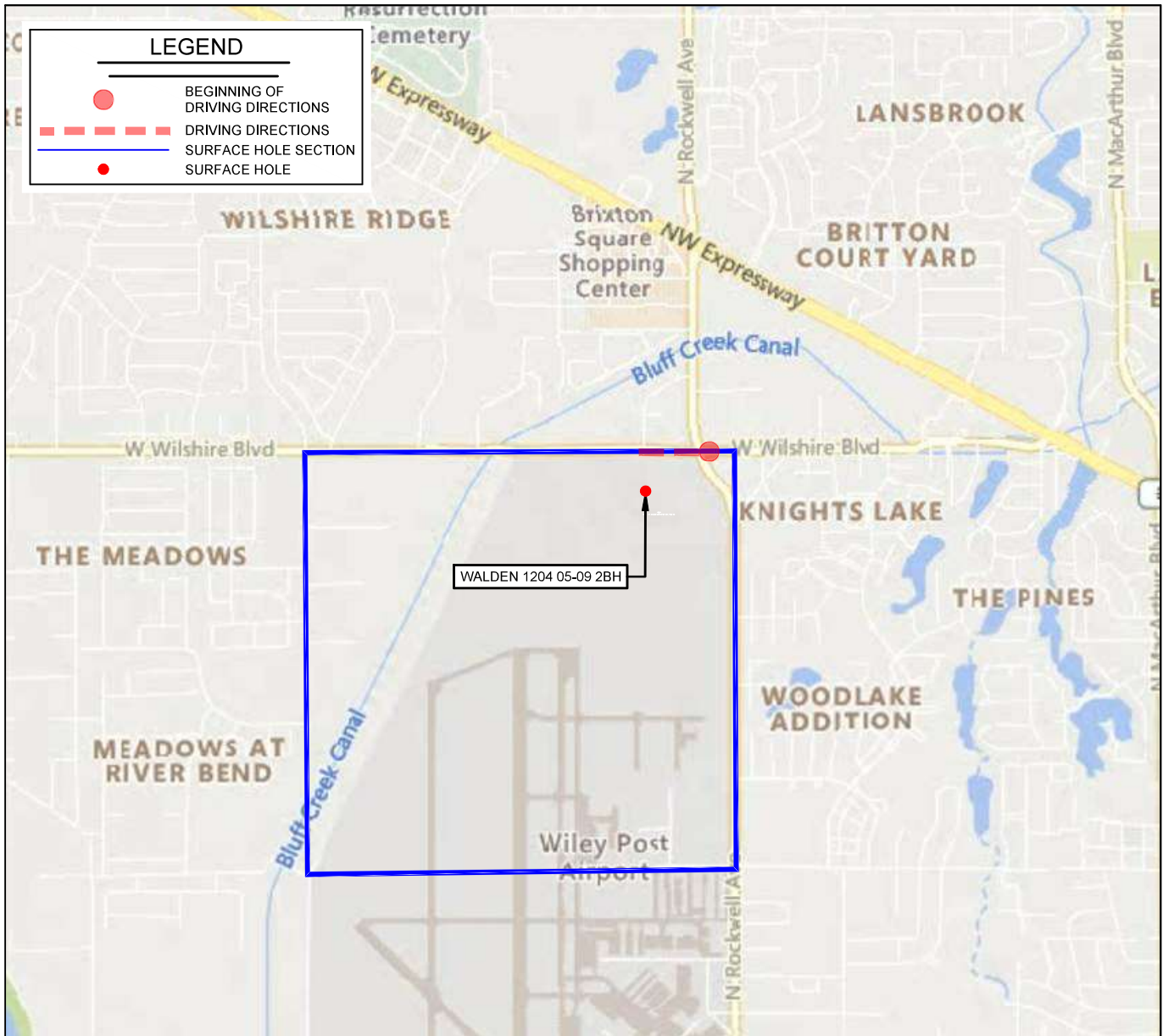
TELEPHONE: (405) 843-4847 OR (800) 654-3219

FAX: (405) 843-0975

CERTIFICATE OF AUTHORIZATION NO. 1292 LS

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VICINITY MAP



LEASE NAME & WELL NO. WALDEN 1204 05-09 2BH

SECTION 5 TWP 12N RGE 4W MERIDIAN I.M.

COUNTY OKLAHOMA STATE OKLAHOMA

DESCRIPTION 476' FNL & 1096' FEL

DISTANCE & DIRECTION

FROM THE INTERSECTION OF W. WILSHIRE BLVD. & N. ROCKWELL
AVE., GO ± 0.15 MI. WEST ON N. ROCKWELL AVE. TO THE NORTH
GATE OF WILEY POST AIRPORT AND PROPOSED LOCATION IN THE
NORTHEAST QUARTER OF 5-12N-4W.

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