API NUMBER: 109 22503

Horizontal Hole Oil & Gas

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

Approval Date: 02/04/2021
Expiration Date: 08/04/2022

PERMIT TO DRILL

WELL LOCATION: Section: 33 Township: 13N Range: 4W County: OKLAHOMA

SPOT LOCATION: SE NE SW SW FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**

SECTION LINES: **930** **1173**

Lease Name: **WALDEN 1304 33-21** **Well No:** **4BH** **Well will be** **930** **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

RAPID JACK LLC
4513 N CLASSEN BLVD
OKLAHOMA CITY OK 73118-4828

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

	Name	Code	Depth
1	HUNTON	269HNTN	7150

Spacing Orders: 20212 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 17932 Ground Elevation: 1248 **Surface Casing: 1090** Depth to base of Treatable Water-Bearing FM: 1040

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: 21-37511

H. (Other) CLOSED SYSTEM=STEEL PITS (REQUIRED - BLUFF CREEK CANAL AND KNIGHT LAKE)

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: SALT PLAINS

HORIZONTAL HOLE 1

Section: 21 Township: 13N Range: 4W Meridian: IM
County: OKLAHOMA
Spot Location of End Point: SW SW NE SW
Feet From: **SOUTH** 1/4 Section Line: 1400
Feet From: **WEST** 1/4 Section Line: 1400

Total Length: 10288
Measured Total Depth: 17932
True Vertical Depth: 7150
End Point Location from Lease,Unit, or Property Line: 1400

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	[2/1/2021 - 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 - 20212	[2/4/2021 - G56] - (UNIT) 33, 28 & 21-13N-4W EST WEST EDMOND HUNTON LIME UNIT FOR HNTN

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.

WELL LOCATION

WALDEN 1304 33-21 4BH
REVOLUTION RESOURCES
SECTION 33, TOWNSHIP 13N, RANGE 4W, I.M.
OKLAHOMA COUNTY, OKLAHOMA

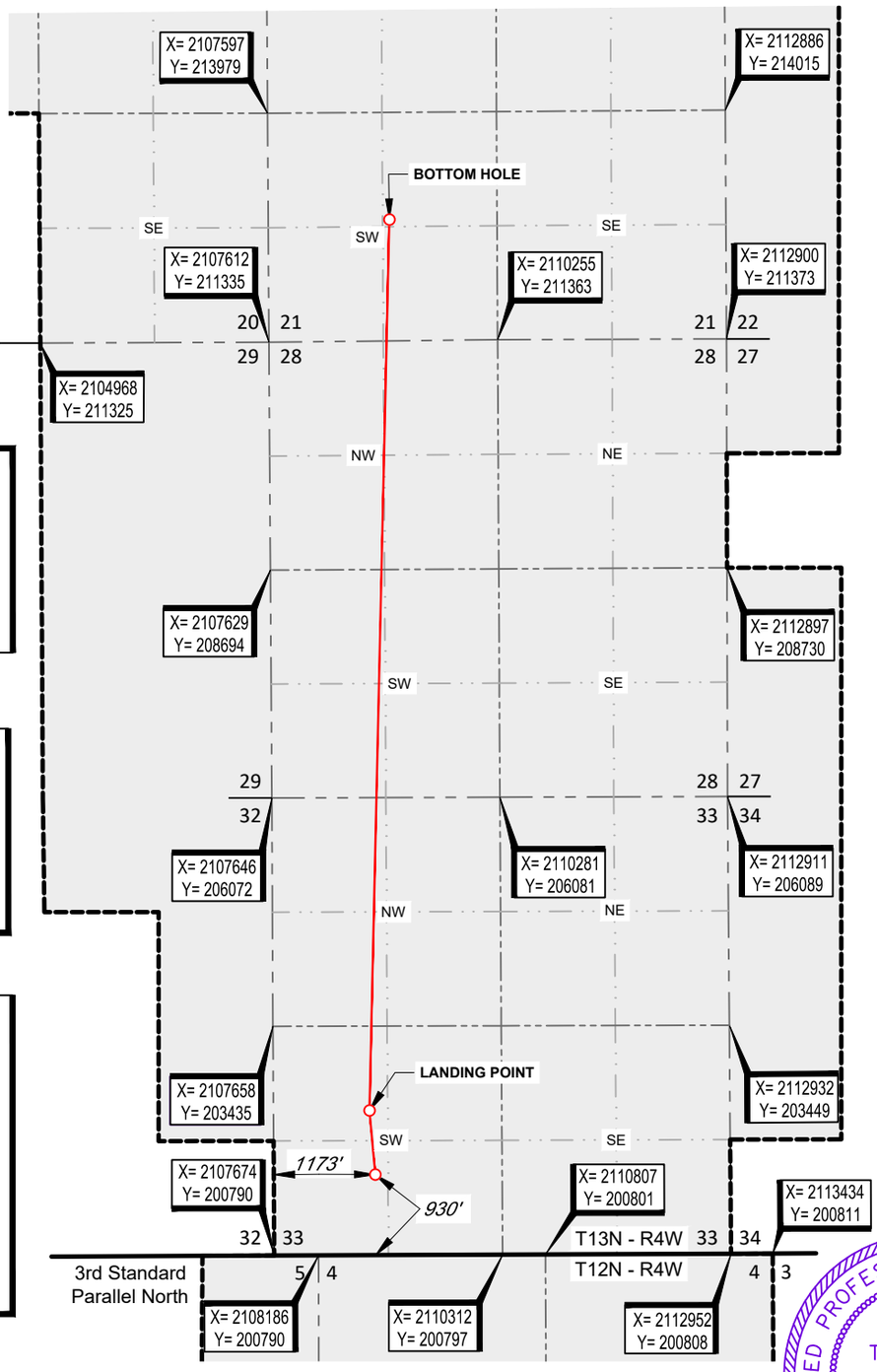
LEGEND

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

GRID
NAD-27
OK NORTH
US FEET

SCALE: 1" = 2000'

0' 1000' 2000'



BOTTOM HOLE
1400' FSL & 1400' FWL
NAD-27
X= 2109004
Y= 212750
LAT.: 35°35'02.0" N
LONG.: 97°38'00.4" W
LAT.: 35.583898° N
LONG.: 97.633432° W

LANDING POINT
1670' FSL & 1110' FWL
NAD-27
X= 2108774
Y= 202462
LAT.: 35°33'20.3" N
LONG.: 97°38'03.6" W
LAT.: 35.555637° N
LONG.: 97.634335° W

SURFACE LOCATION
930' FSL & 1173' FWL
NAD-27
X= 2108842
Y= 201723
LAT.: 35°33'13.0" N
LONG.: 97°38'02.8" W
LAT.: 35.553606° N
LONG.: 97.634118° W
ELEV: 1248' (NGVD29)
NAD-83
LAT.: 35°33'13.2" N
LONG.: 97°38'04.0" W
ELEV.: 1248' (NAVD88)

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.

LICENSED PROFESSIONAL LAND SURVEYOR
THOMAS L. HOWELL
1433
1/27/21
OKLAHOMA

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
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. WALDEN 1304 33-21 4BH

SECTION 33 TWP 13N RGE 4W MERIDIAN I.M.
COUNTY OKLAHOMA STATE OKLAHOMA
DESCRIPTION 930' FSL & 1173' FWL

WALDEN 1304 33-21 4BH	REVISION: INT	DATE
	KEU	01/27/2021
DATE: 01/14/2021		
FILE: LO_WALDEN_1304_33-21_4BH_REV1		
DRAWN BY: KEU		
SHEET : 1 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 27 - HORIZONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
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.
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SECTION 33, TOWNSHIP 13N, RANGE 4W, I.M.
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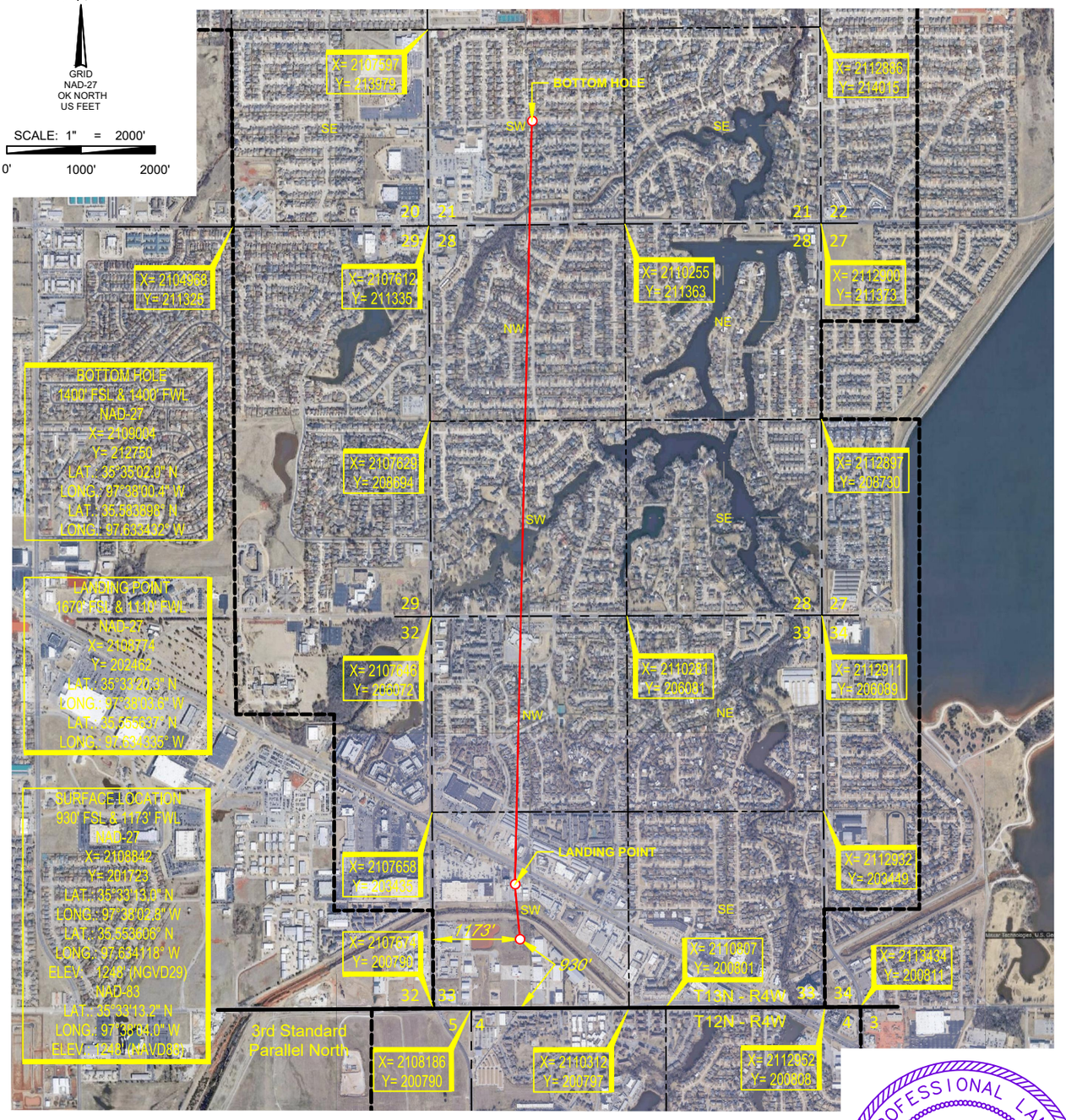

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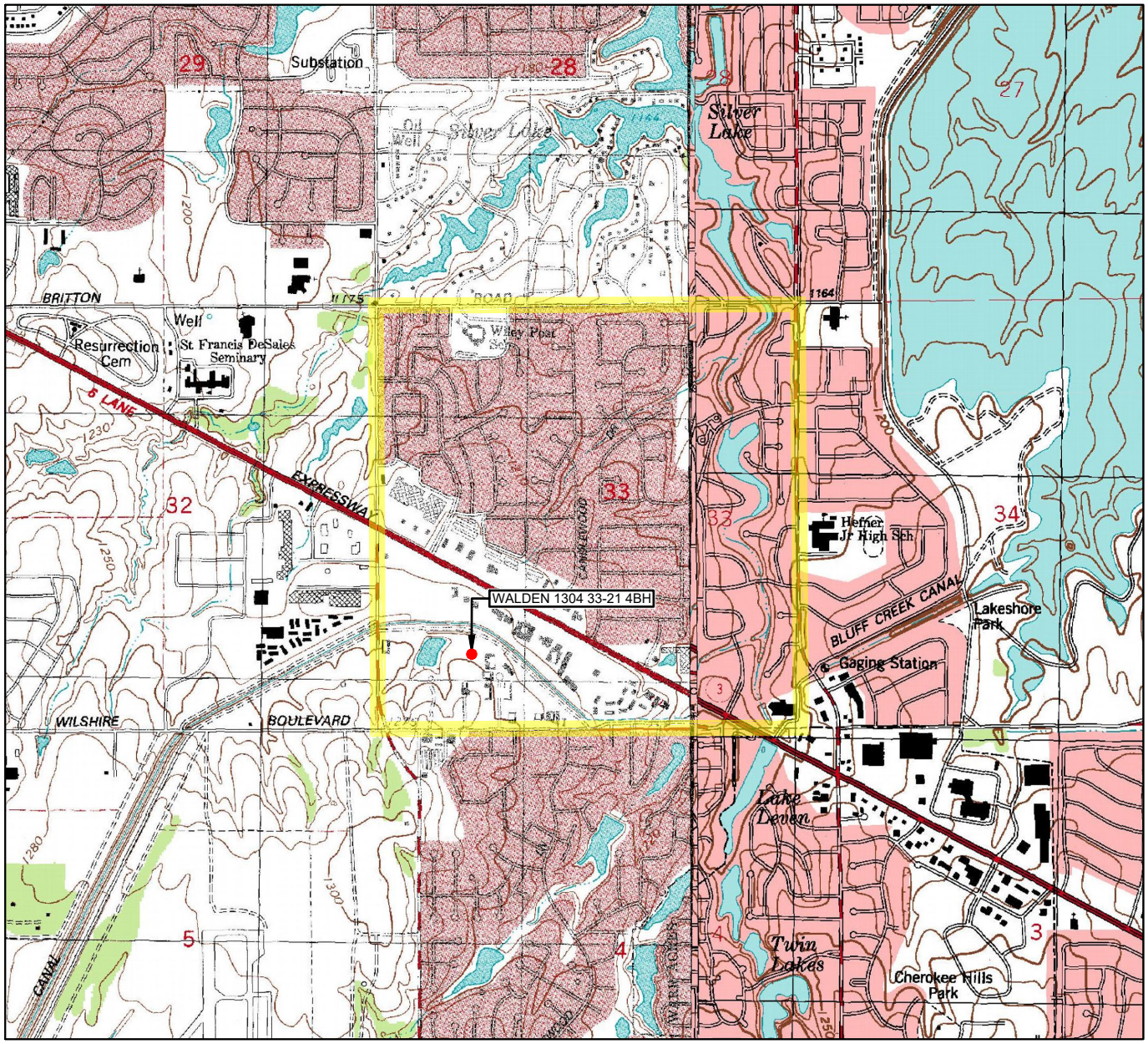
LOCATION & ELEVATION VERIFICATION MAP



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SECTION 33 TWP 13N RGE 4W MERIDIAN I.M.

COUNTY OKLAHOMA STATE OKLAHOMA

DESCRIPTION 930' FSL & 1173' FWL

ELEVATION 1248'

TOPOGRAPHIC QUAD. 1958

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.

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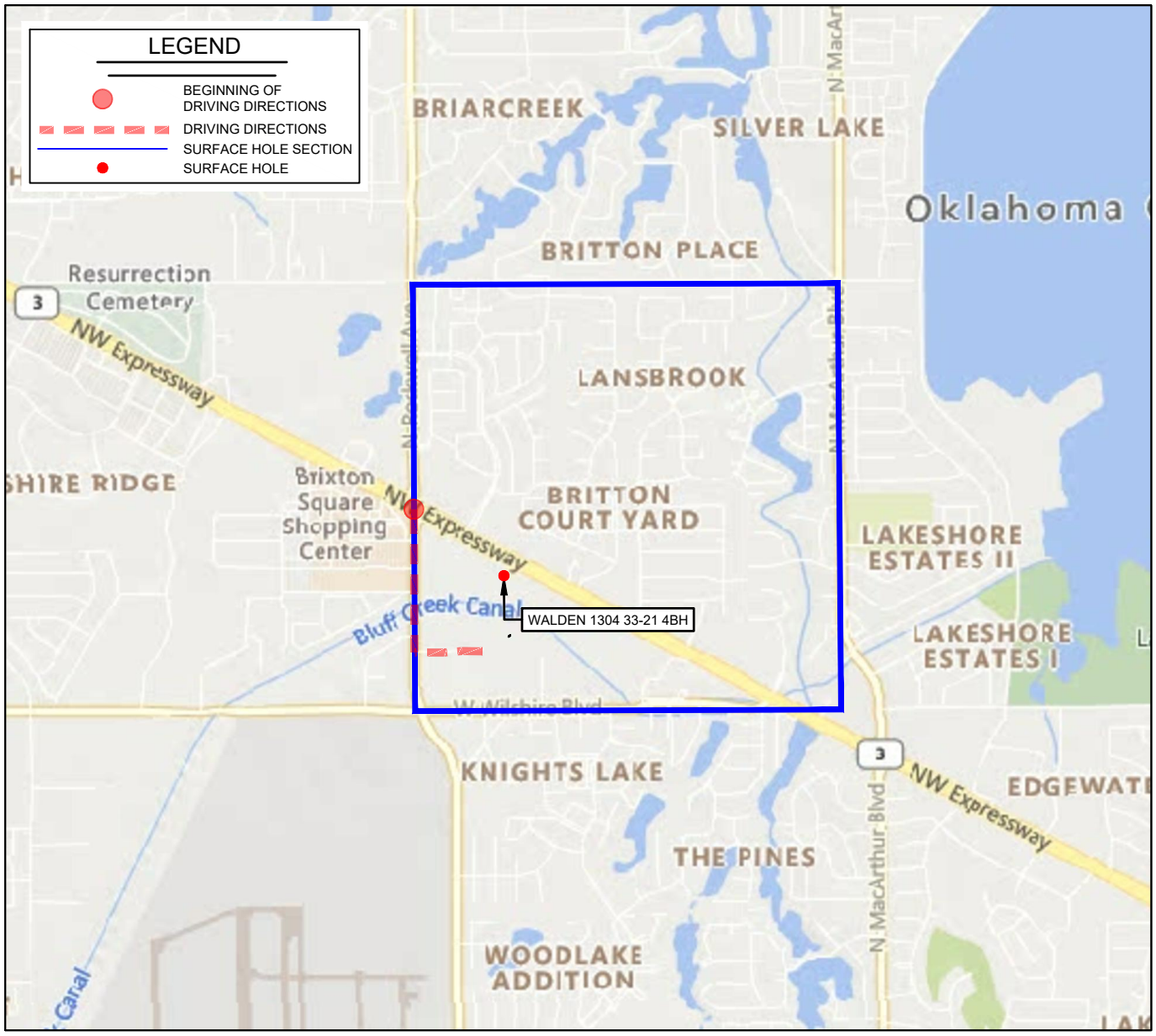
VICINITY MAP



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SECTION 33 TWP 13N RGE 4W MERIDIAN I.M.

COUNTY OKLAHOMA STATE OKLAHOMA

DESCRIPTION 930' FSL & 1173' FWL

DISTANCE & DIRECTION

FROM THE INTERSECTION OF OK-3 & N. ROCKWELL AVE., GO ±0.33 MI. SOUTH ON N. ROCKWELL AVE., THEN GO ±0.2 MI. ON NW 80TH ST. TO THE PROPOSED LOCATION IN THE SOUTHWEST QUARTER OF 33-13N-4W.

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