

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

API NUMBER: 109 22486

Approval Date: 11/07/2019
Expiration Date: 05/07/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 14N Rge: 4W

County: OKLAHOMA

SPOT LOCATION: ☐ NW ☐ NW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1255 220

Lease Name: CARACOL 1404 09-10

Well No: 3BH

Well will be 220 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

BRETT MART JEAN, THE TRUST CO. OF OK
PO BOX 24128
OKLAHOMA CITY OK 73124

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

Name	Depth	Name	Depth
1 HUNTON	6717	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 20212

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13493

Ground Elevation: 1112

Surface Casing: 730

Depth to base of Treatable Water-Bearing FM: 680

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 2500

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

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-37069

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

Sec 10 Twp 14N Rge 4W County OKLAHOMA

Spot Location of End Point: NW NW SE SW

Feet From: SOUTH 1/4 Section Line: 1280

Feet From: WEST 1/4 Section Line: 1400

Depth of Deviation: 6144

Radius of Turn: 573

Direction: 90

Total Length: 6449

Measured Total Depth: 13493

True Vertical Depth: 6717

End Point Location from Lease,
Unit, or Property Line: 1280

Notes:

Category

Description

HYDRAULIC FRACTURING

10/30/2019 - G71 - OCC 165:10-3-10 REQUIRES:

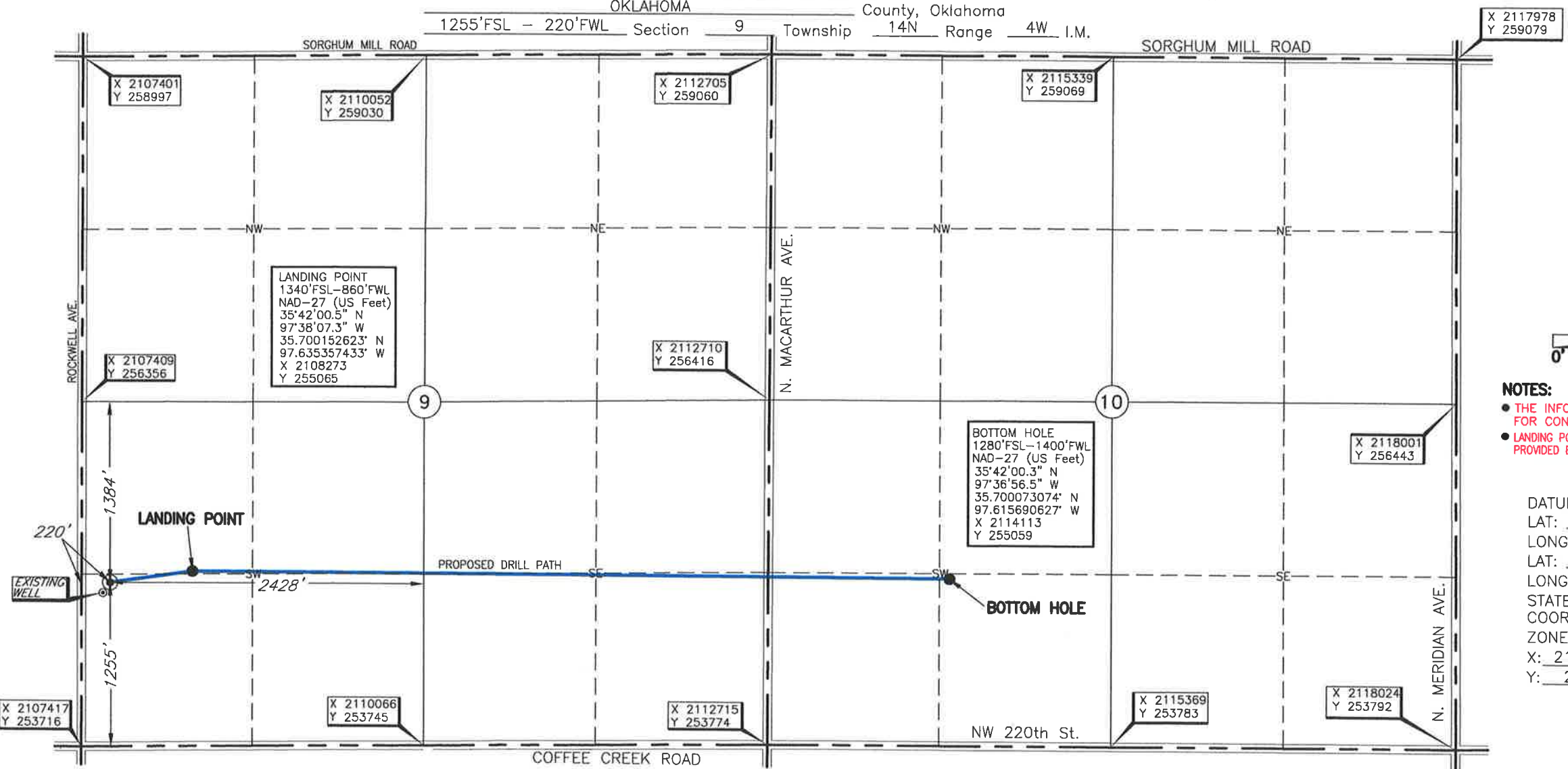
1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

SPACING - 20212

11/7/2019 - GB1 - (UNIT) 9 & W2 10-14N-4W
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN



NOTES:
• THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
• LANDING POINT AND BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

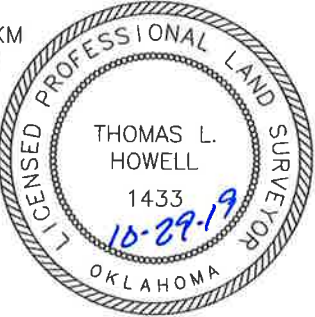
DATUM: NAD-27
LAT: 35°41'59.7" N
LONG: 97°38'15.0" W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2107633
Y: 254973

Operator: REVOLUTION RESOURCES
Lease Name: CARACOL 1404 09-10
Topography & Vegetation Location fell on level pad.
Well No.: 3BH
ELEVATION: 1112' Gr. at Level Pad

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
Best Accessibility to Location From West off county road
Distance & Direction From the Jct. of St. Hwy. 74 N-S and N. 220th St., go ±3 miles West on N. 220th St. to the SW Corner of Section 9, T14N - R4W.

Date Drawn: October 29, 2019
Project # 131037 Date Staked: October 23, 2019 RKM

CERTIFICATE:
I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein
Thomas L. Howell
Oklahoma Lic. No. 1433



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

OKLAHOMA

County, Oklahoma

1255'FSL - 220'FWL

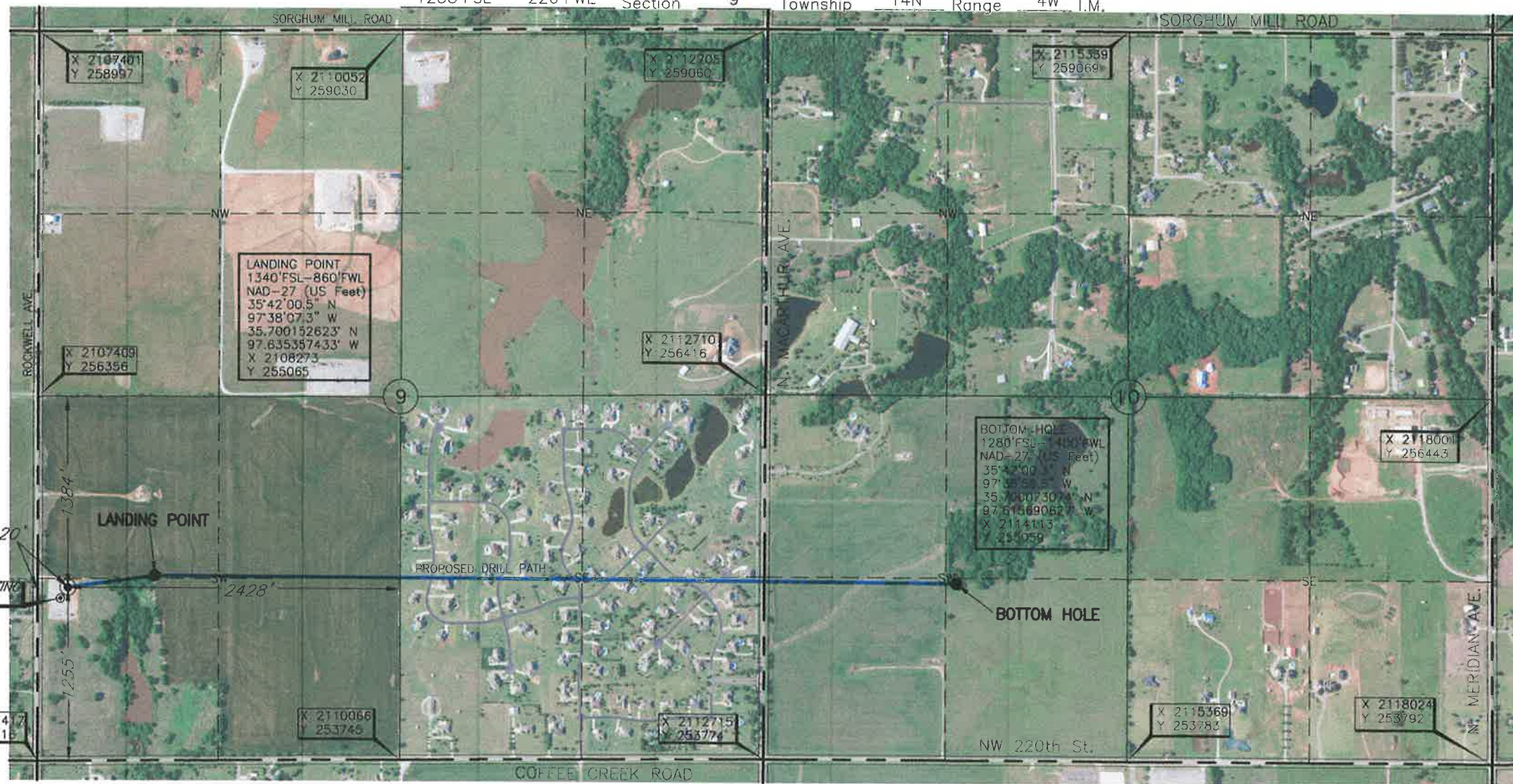
Section 9

Township 14N

Range 4W

I.M.

X 2117978
Y 259079



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DATUM: NAD-27

LAT: 35°41'59.7" N

LONG: 97°38'15.0" W

LAT: 35.699906309° N

LONG: 97.637513586° W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

X: 2107633

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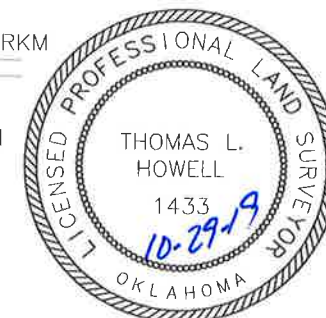
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Distance & Direction
from Hwy Jct or Town From the Jct. of St. Hwy. 74 N-S and N. 220th St., go ±3 miles West on N. 220th St. to
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CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land
Surveyor and an authorized agent of Topographic Land
Surveyors of Oklahoma, do hereby certify to the
information shown herein

Oklahoma Lic. No. 1433



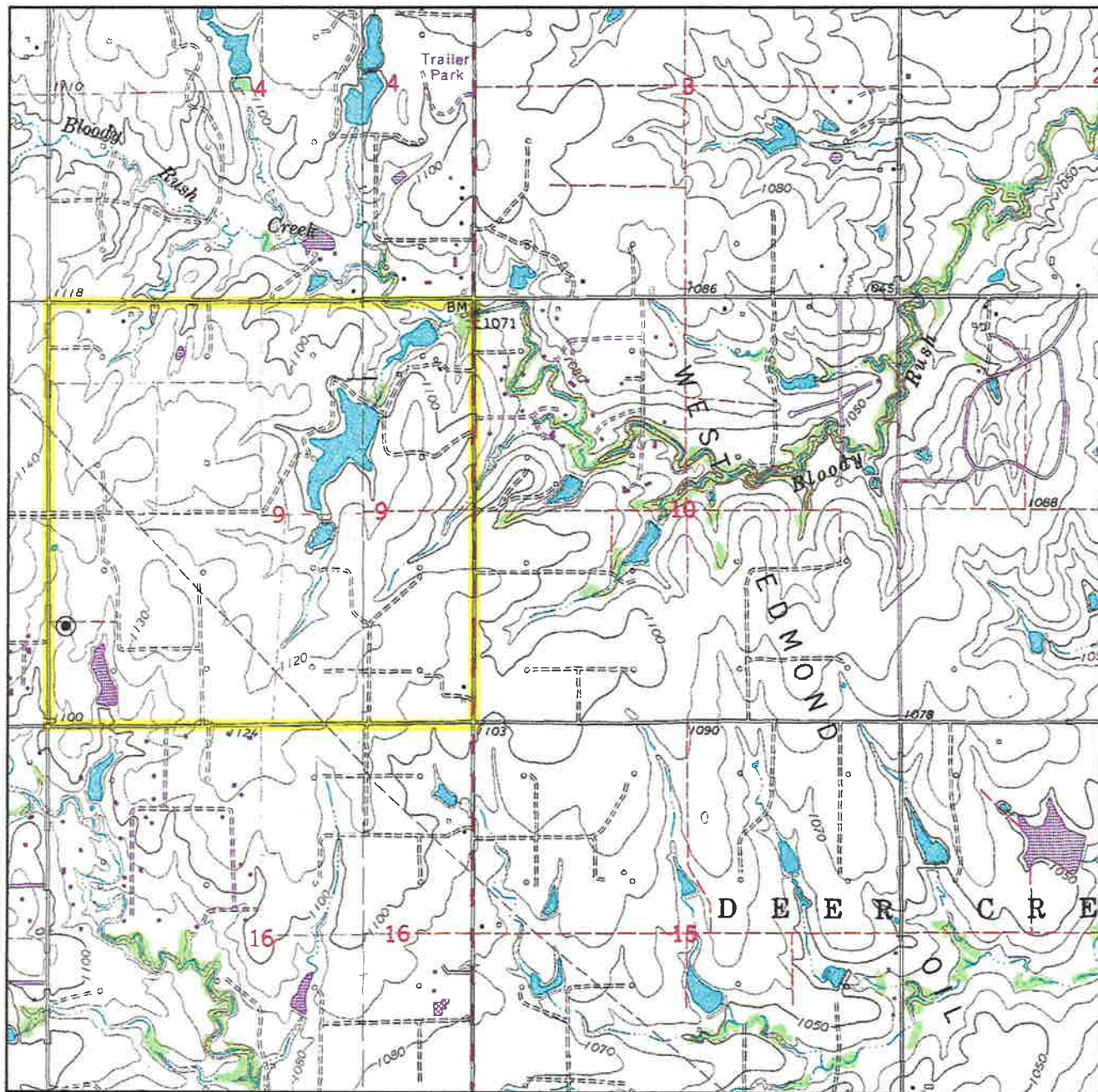
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

13800 Wireless Way, Okla. City, OK. 73134 www.topographic.com

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



Sec. 9 Twp. 14N Rng. 4W IM

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES

Description 1255' FSL - 220' FWL

Lease CARACOL 1404 09-10 3BH

Elevation 1112' Gr. at Level Pad

Above Background Data from
U.S.G.S. Topographic Map

Scale: 1"=2000'

Contour Interval 10'

When elevation is shown hereon it is the ground
elevation of the location stake.

Review this plat and inform us immediately of
any possible discrepancy.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

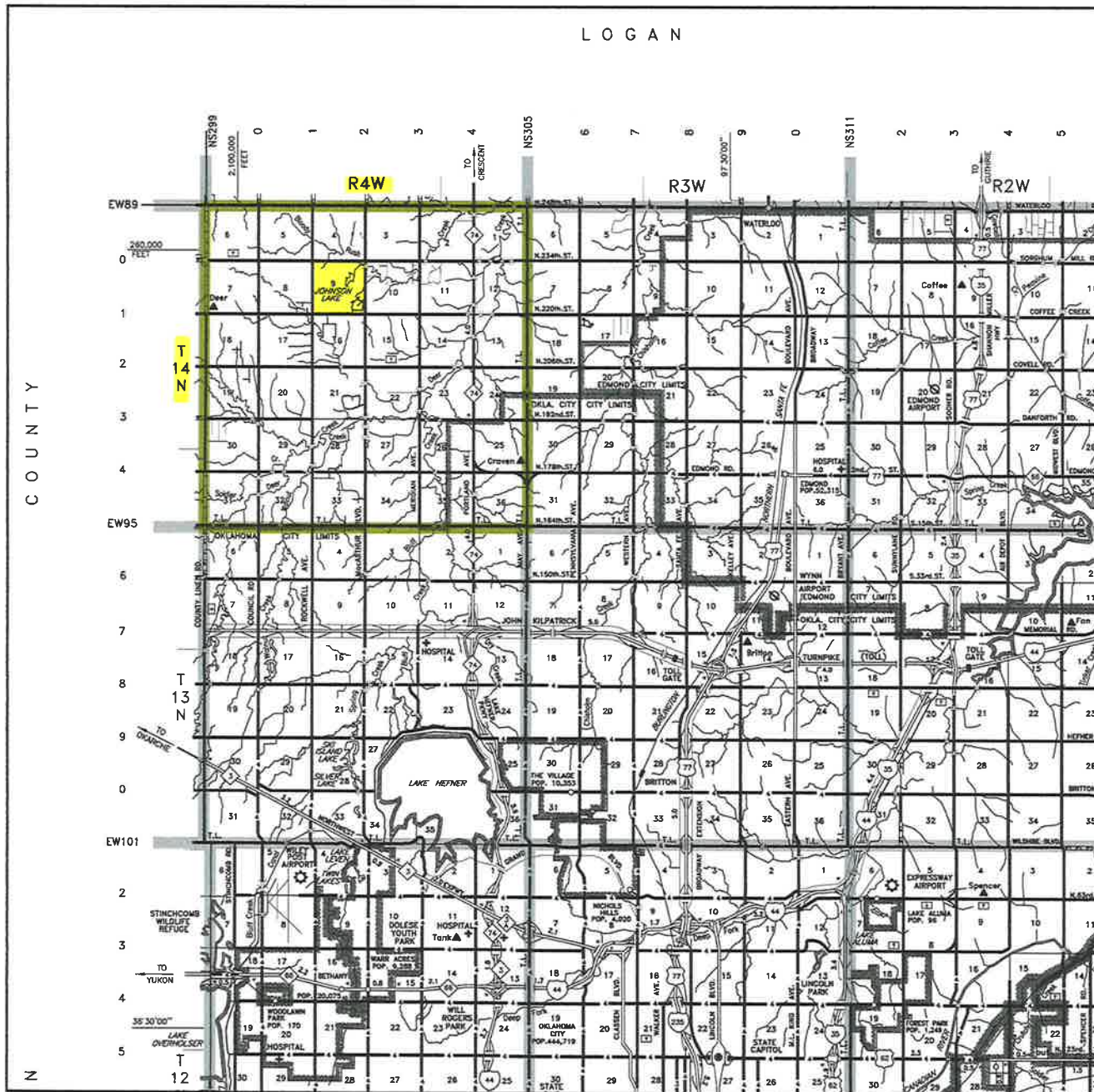
LAND SURVEYORS OF OKLAHOMA

Oct. 23, 2019

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 9 Twp. 14N Rng. 4W IM

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES

 **TOPOGRAPHIC**
LOYALTY INNOVATION LEGACY
LAND SURVEYORS OF OKLAHOMA