

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

API NUMBER: 109 22482

Approval Date: 10/14/2019

Expiration Date: 04/14/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 14N Rge: 4W

County: OKLAHOMA

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1090 175

Lease Name: TORMUND 1404 32-34

Well No: 2CH

Well will be 175 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

TULLAHOMA 2 5 OK LLC
PO BOX 5
EDMOND OK 73083-

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

Name	Depth	Name	Depth
1 HUNTON	6929	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: 17243

Ground Elevation: 1079

Surface Casing: 780

Depth to base of Treatable Water-Bearing FM: 730

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: KINGMAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36995
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - DEER CREEK)

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 34 Twp 14N Rge 4W County OKLAHOMA

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 250

Feet From: EAST 1/4 Section Line: 1700

Depth of Deviation: 6356

Radius of Turn: 573

Direction: 125

Total Length: 9987

Measured Total Depth: 17243

True Vertical Depth: 6929

End Point Location from Lease,
Unit, or Property Line: 250

Notes:

Category

Description

HYDRAULIC FRACTURING

9/25/2019 - GC2 - OCC 165:10-3-10 REQUIRES:

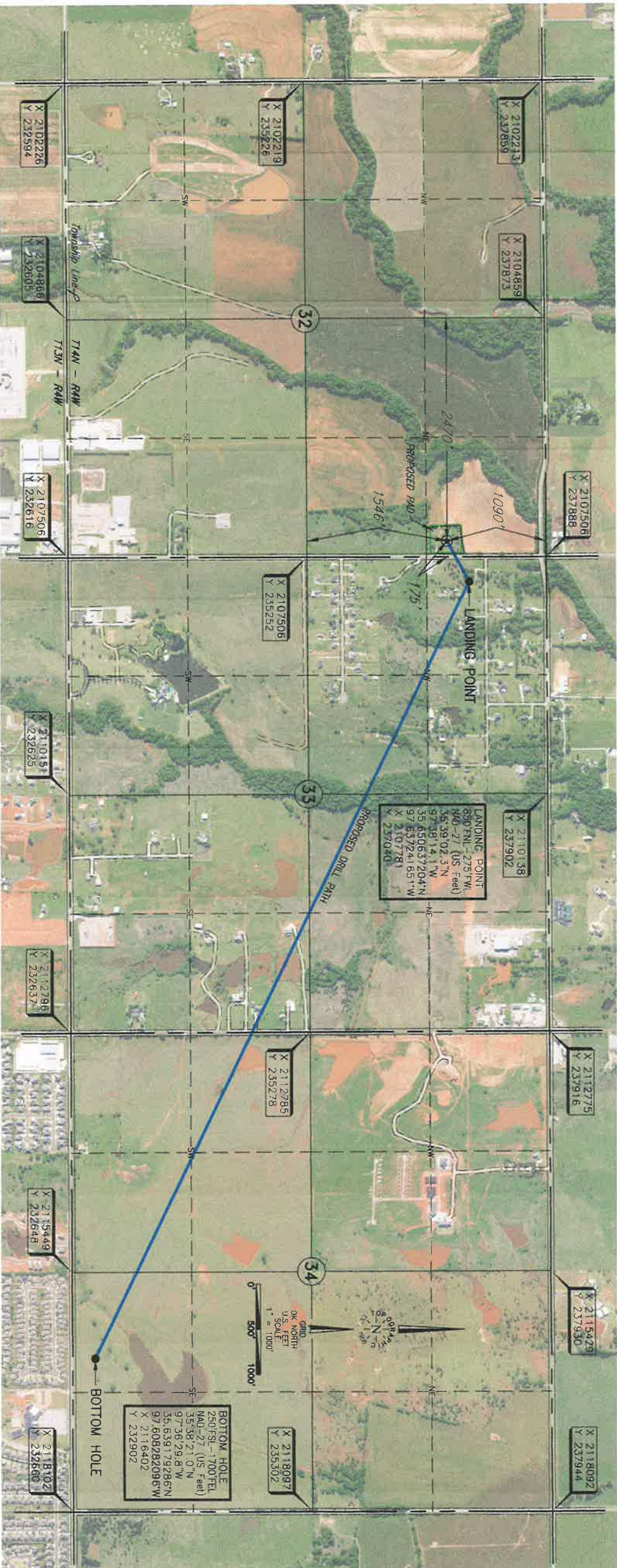
1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

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

10/14/2019 - GC2 - (UNIT) 33 & 34-14N-4W
EST WEST EDMOND HUNTON LIME UNIT FOR THE HNTN



Operator: REVOLUTION RESOURCES
Lease Name: TORMUND 1404 32-34 Well No.: 2CH
Topography & Vegetation Location fell on hilltop in grass pasture. Existing fence
163' West and 226' South.
Reference Stokes or Alternate Location
Good Drill Site? Yes Stokes Set None
Best Accessibility to Location From East off county road.
Distance & Direction From the Jct. of St. Hwy. 74 and Kilpatrick Turnpike, go ±3 miles
North, then ±3 miles West on N. 178th Street to the NE Corner of Section 32, T14N - R4W.

ELEVATION:
1079' Gr. at Stake

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.)
DATUM: NAD-27
LAT: 35°38'59.9"N
LONG: 97°38'19.5"W
LAT: 35.649976303°N
LONG: 97.638759329°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2107331
Y: 236797

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

Date of Drawing: September 18, 2019
Project # 129570 Date Staked: September 3, 2019
RKM

CERTIFICATE:
I, Thomas L. Howell on 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

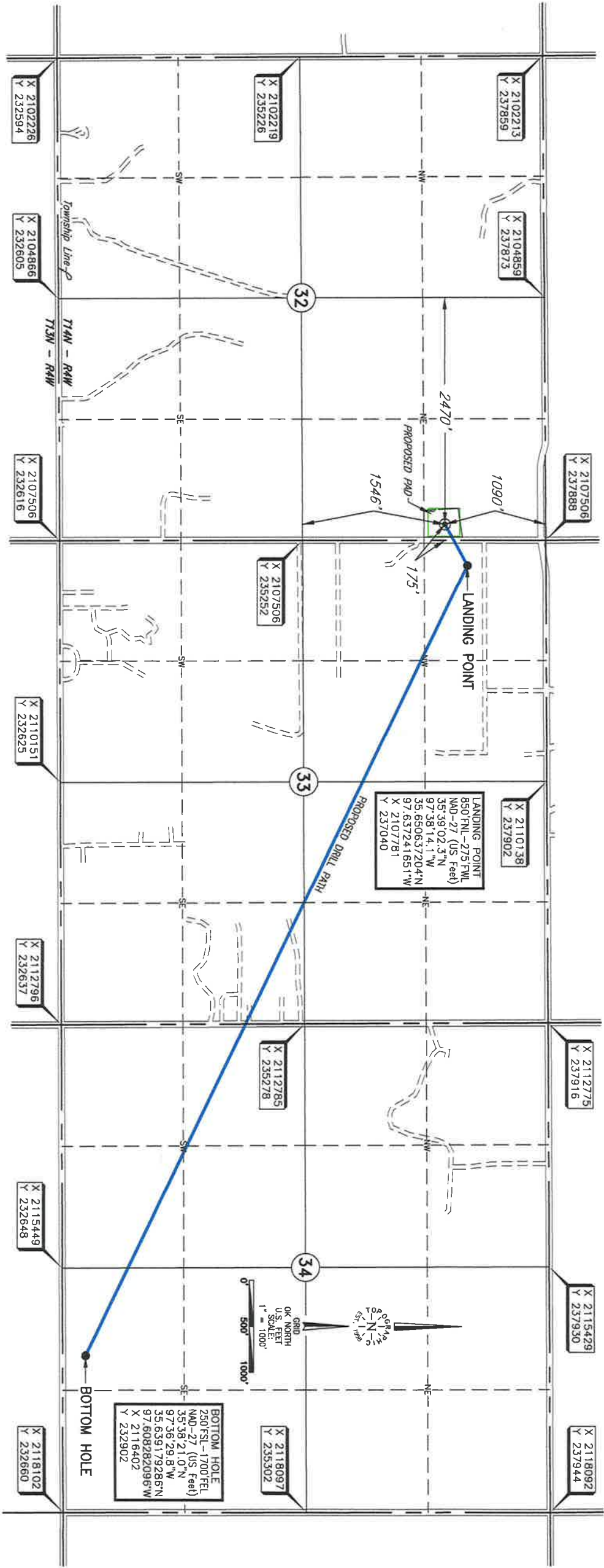
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

OKLAHOMA

County, Oklahoma

1090' FNL -- 175' FEL Section 32 Township 14N Range 4W I.M.



Operator: REVOLUTION RESOURCES

Lease Name: TORMUND 1404 32-34 Well No.: 2CH

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Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

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Date of Drawing: September 18, 2019

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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



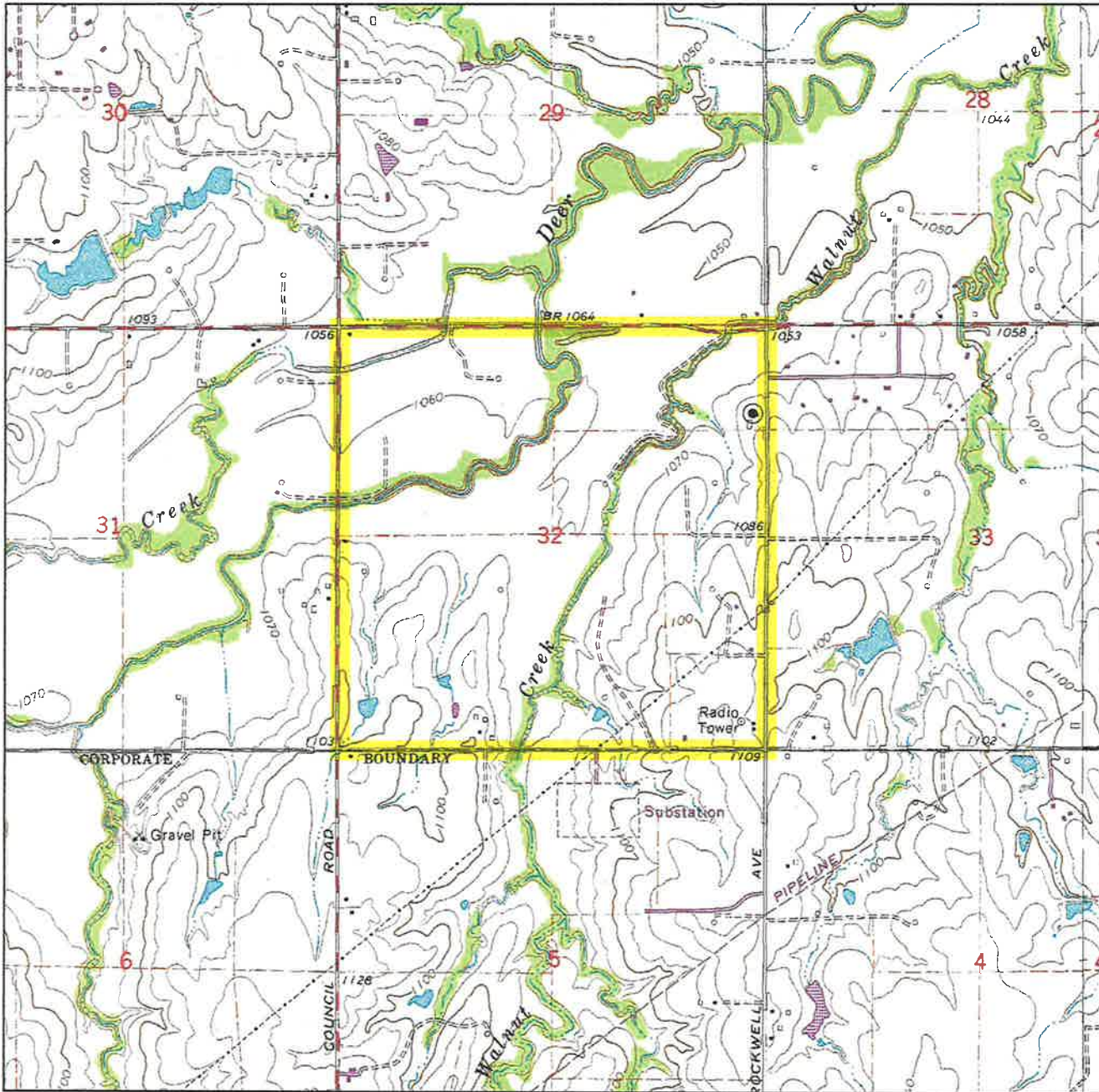
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 32 Twp. 14N Rng. 4W IM

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES

Description 1090'FNL - 175'FEL

Lease TORMUND 1404 32-34 2CH

Elevation 1079' Gr. at Stake

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.



LAND SURVEYORS OF OKLAHOMA

September 3, 2019

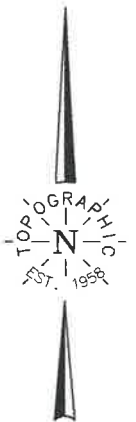
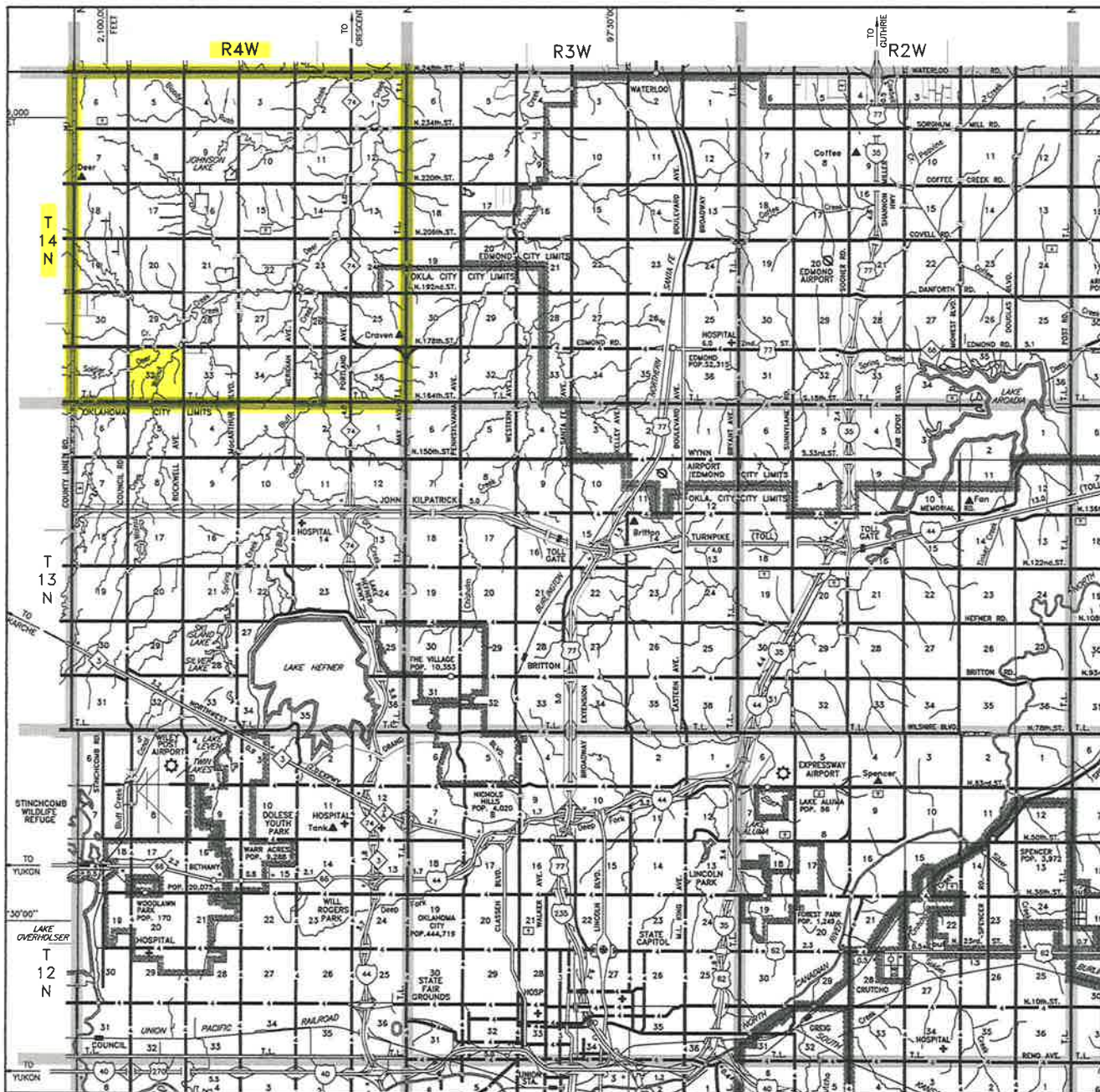
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VICINITY MAP



Scale: 1" = 3 Miles

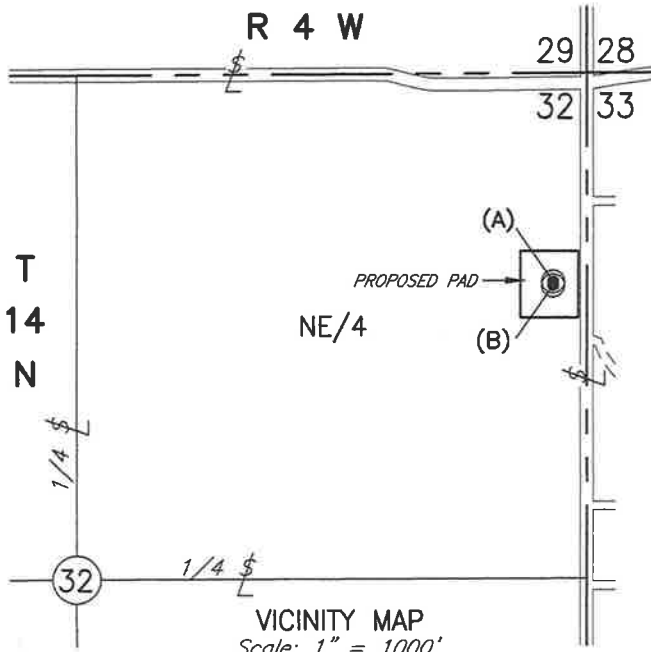
Sec. 32 Twp. 14N Rng. 4W I.M.

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES



LAND SURVEYORS OF OKLAHOMA

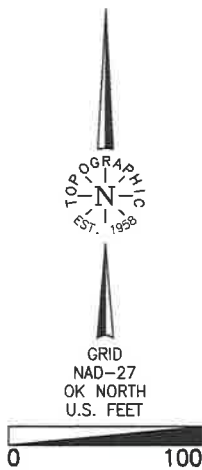


T 14 N - R 4 W
(INDIAN MERIDIAN)

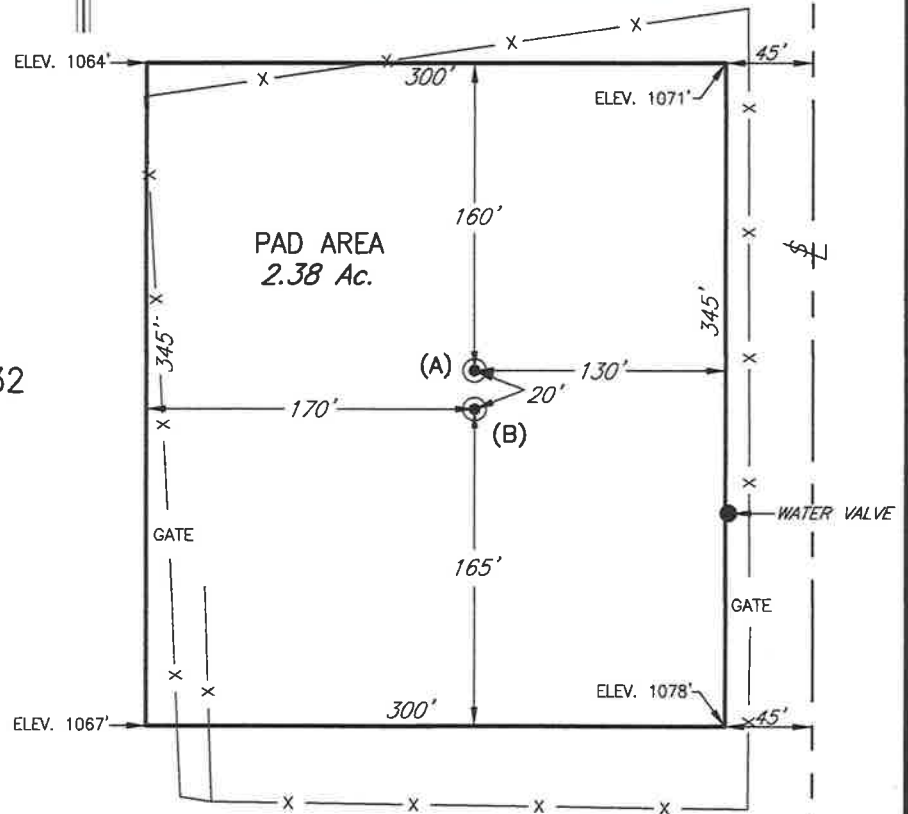
- (A) REVOLUTION RESOURCES
Tormund 1404 33-34 2CH
1090'FNL - 175'FEL
Elev. 1079' Gr.
- (B) REVOLUTION RESOURCES
Tormund 1404 33-09 1BH
1110'FNL - 175'FEL
Elev. 1079' Gr.

-NOTE-

The information shown herein is
for construction purposes ONLY.



SECTION 32
NE/4



PLAT SHOWING
PROPOSED PAD AREA IN THE
NE/4 OF SECTION 32, T14N - R4W
OKLAHOMA COUNTY, OKLAHOMA



This plat was prepared exclusively for
REVOLUTION RESOURCES
and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma

SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847
Certificate of Authorization No. 1293 LS

SCALE: 1" = 100'
DATE: 9-5-19
PROJECT NO.: 129570
FILE NAME: L4015A.DWG
DWG NO.: 118067-L4-015-A
SHEET 1 OF 1

NO.	REVISION	DATE	BY
SUR. BY:	TC	9-3-19	
DRAWN BY:	RKM		
APPROVED BY:	TH		