

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

API NUMBER: 109 22463

Approval Date: 03/07/2019

Expiration Date: 09/07/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

County: OKLAHOMA

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2380 590

Lease Name: THE HOUND 1404 32-08

Well No: 2BH

Well will be 590 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

JOHN DAVID BRISCOE TRUST & BETTY JEAN BRISCOE TRUST  
AGREEMENT DATED JULY 6, 1999  
7111 NW 164TH STREET  
EDMOND OK 73013

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

Name	Depth	Name	Depth
1 HUNTON	6848	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: 16363

Ground Elevation: 1071

**Surface Casing: 800**

Depth to base of Treatable Water-Bearing FM: 610

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: 19-36262

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 SIX 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 08 Twp 13N Rge 4W County OKLAHOMA

Spot Location of End Point: C S2 N2 NW

Feet From: NORTH 1/4 Section Line: 990

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6169

Radius of Turn: 900

Direction: 175

Total Length: 8780

Measured Total Depth: 16363

True Vertical Depth: 6878

End Point Location from Lease,  
Unit, or Property Line: 990

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

2/19/2019 - 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](http://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](http://FRACFOCUS.ORG)

SPACING - 20212

3/6/2019 - GA8 - (UNIT) 32-14N-4W & 5, NW4 NW4, E2 W2 8-13N-4W  
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN

SURFACE CASING

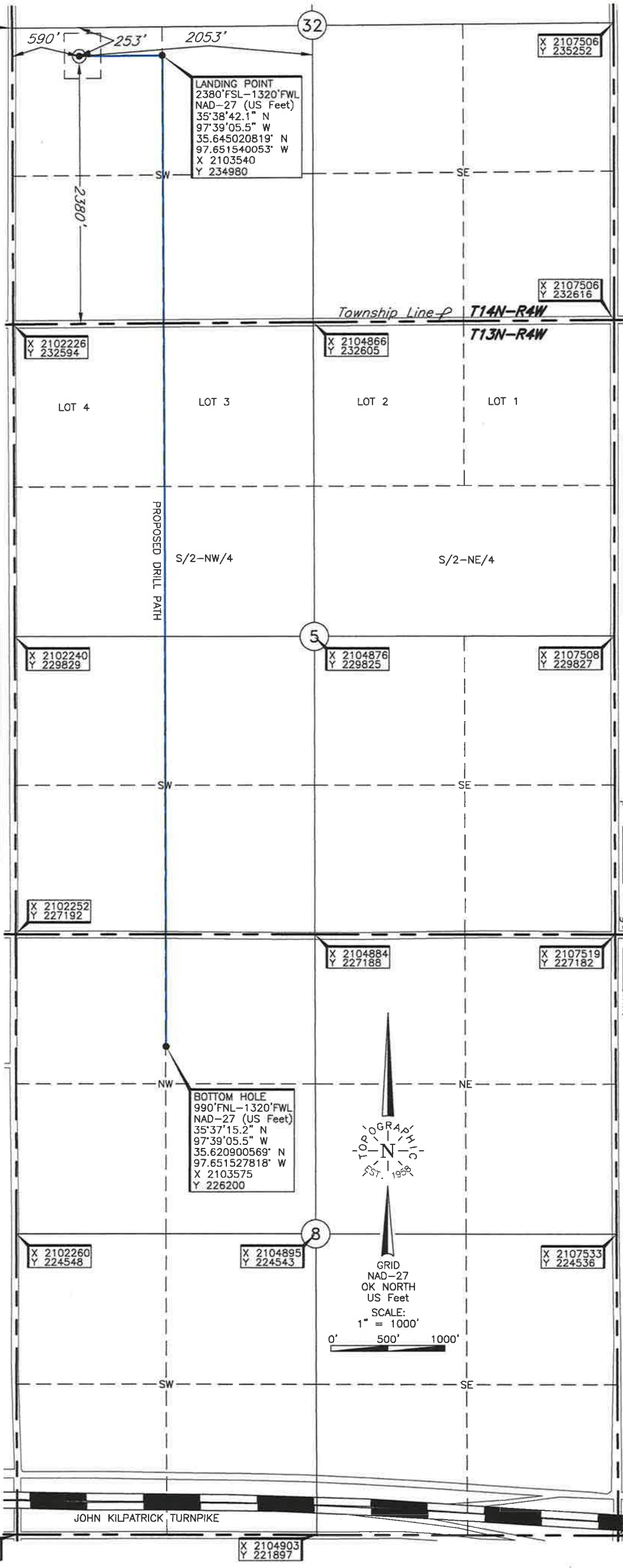
2/19/2019 - G71 - MIN. 800' PER ORDERS 17431/17920

LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION  
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

**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

35-109-22463

2380' FSL - 590' FWL Section 32 Township 14N Range 4W 1.M.



Operator: REVOLUTION RESOURCES  
Lease Name: THE HOUND 1404  
Well No.: 32-08 2BH  
Topography & Vegetation Loc. fell in sloping pasture ±224' South of pipeline.  
Good Drill Site? Yes  
Reference Stakes or Alternate Location Stakes Set None  
Best Accessibility to Location From West off county road.  
Distance & Direction The junction of Council Ave. and NW 14th St. is at the Southwest  
Corner of Section 32-T14N-R4W

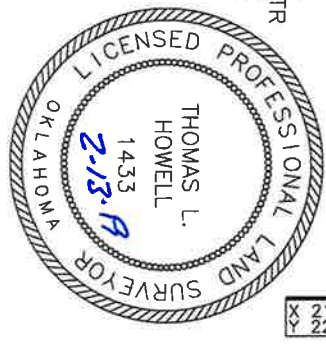
**ELEVATION:**  
1071' Gr. at Stake

DATUM: NAD-27  
LAT: 35°38'42.1" N  
LONG: 97°39'14.4" W  
LAT: 35.645019054° N  
LONG: 97.653996763° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 2102810  
Y: 234976

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

**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.  
Revision ☒ A Date of Drawing: Feb. 12, 2019  
Project # 123744 Date Staked: Feb. 6, 2019  
TR



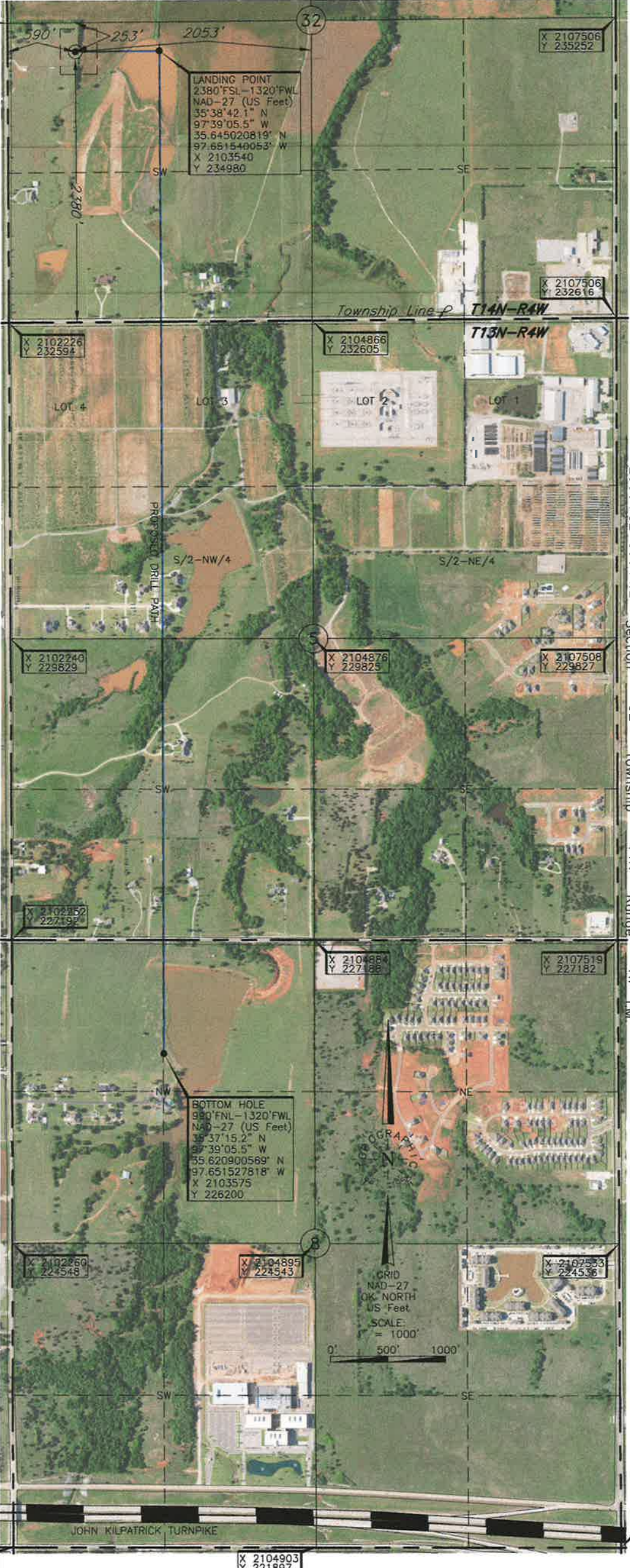


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OKLAHOMA

County, Oklahoma

2380' FSL - 590' FWL Section 32 Township 14N Range 4W 1M



LANDING POINT  
2380' FSL - 1320' FWL  
NAD-27 (US Feet)  
35° 38' 42.1" N  
97° 39' 05.5" W  
35.645020819' N  
97.651540053' W  
X 2103540  
Y 234980

BOTTOM HOLE  
990' FNL - 1320' FWL  
NAD-27 (US Feet)  
35° 37' 15.2" N  
97° 39' 05.5" W  
35.620900569' N  
97.651527818' W  
X 2103575  
Y 226200

**ELEVATION:**

1071' Gr. at Stake

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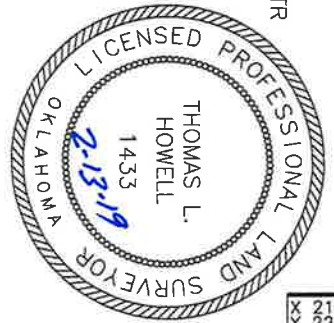
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LAT: 35.645019054° N  
LONG: 97.653996763° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
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Oklahoma Lic. No. 1433





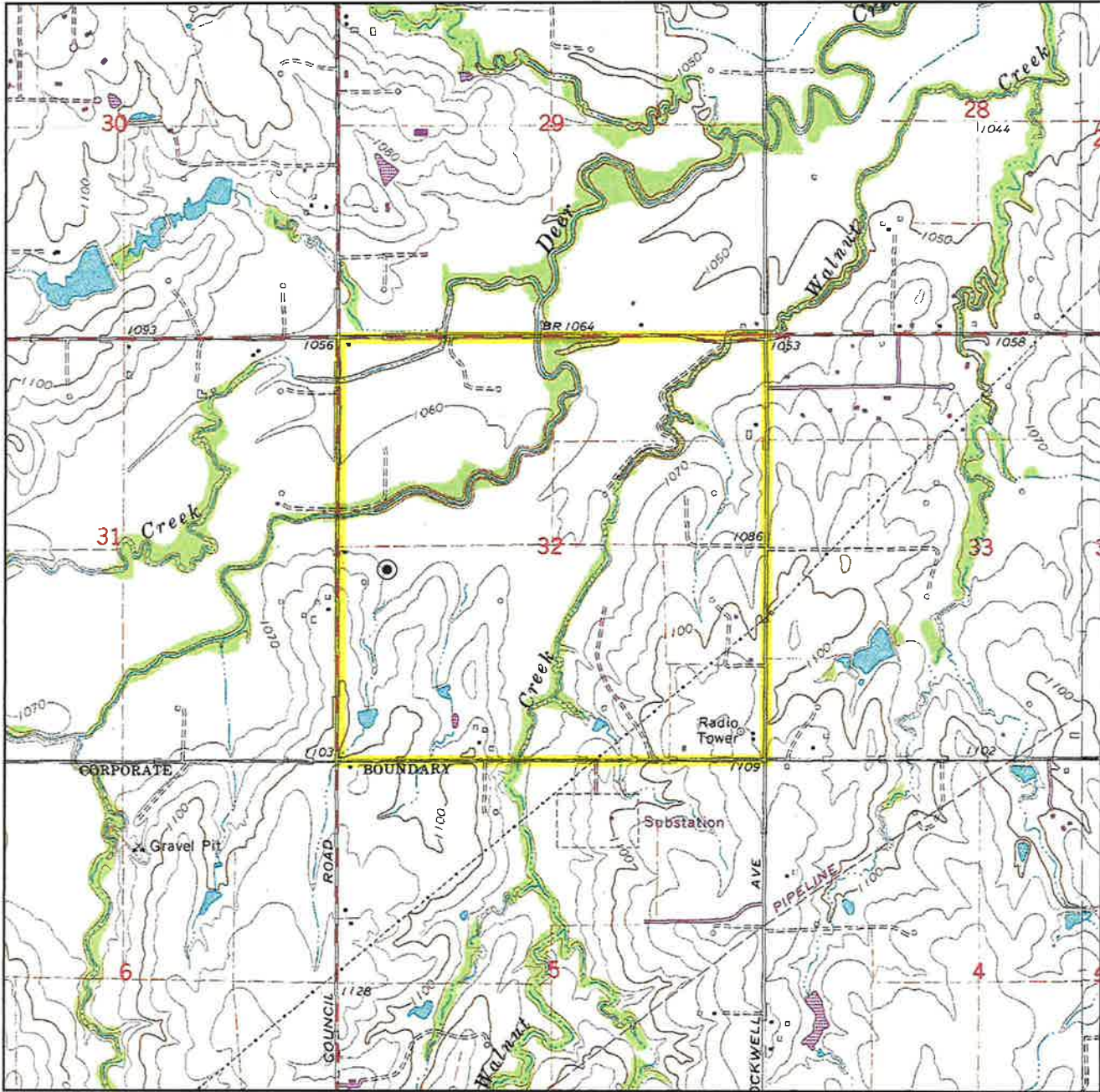
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

13800 Wireless Way, Oklahoma 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 I.M.

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES

Description 2380' FSL-590' FWL

Lease THE HOUND 1404 32-08 2BH

Elevation 1071' 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.



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

**LAND SURVEYORS OF OKLAHOMA**

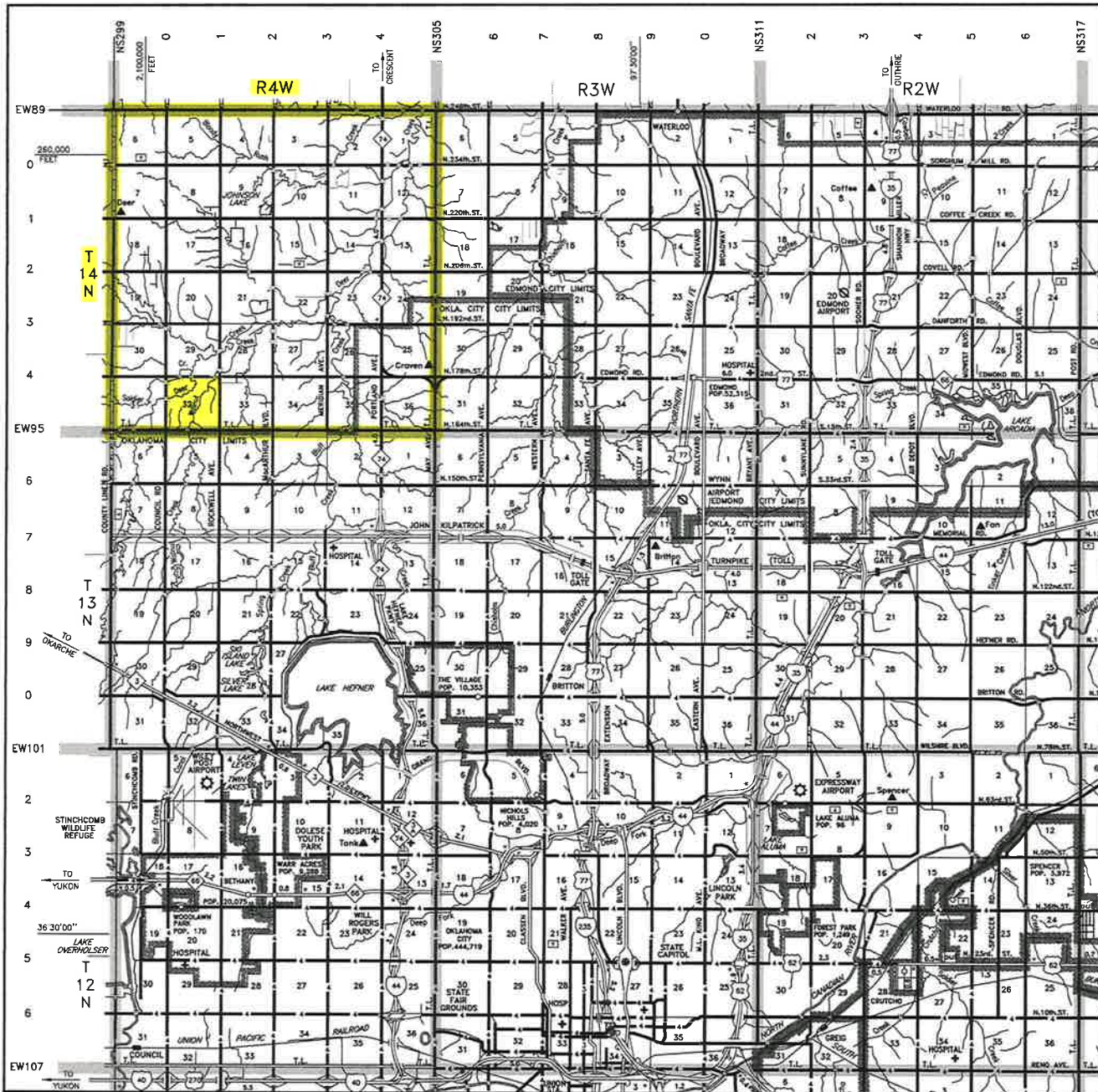
Feb. 6, 2019



# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry  
13800 Wireless Way, Oklahoma City, OK 73134 [www.topographic.com](http://www.topographic.com)  
Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## VICINITY MAP



Scale: 1" = 3 Miles

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

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES

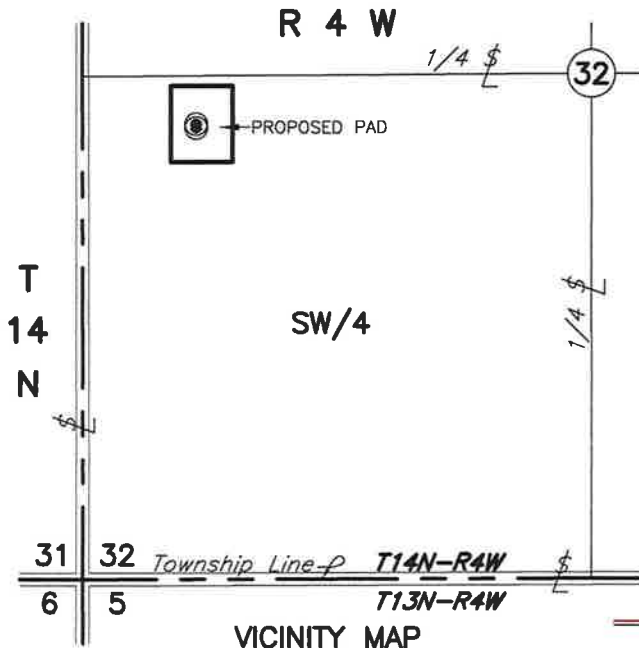


LAND SURVEYORS OF OKLAHOMA

# T 14 N - R 4 W (INDIAN MERIDIAN)

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

- (A) REVOLUTION RESOURCES  
THE HOUND 1404 32-08 2BH  
2380'FSL-590'FWL  
Elev. 1071' Gr.
- (B) REVOLUTION RESOURCES  
THE HOUND 1404 32-06 1BH  
2360'FSL-590'FWL  
Elev. 1071' Gr.



VICINITY MAP  
(Scale: 1" = 1000')

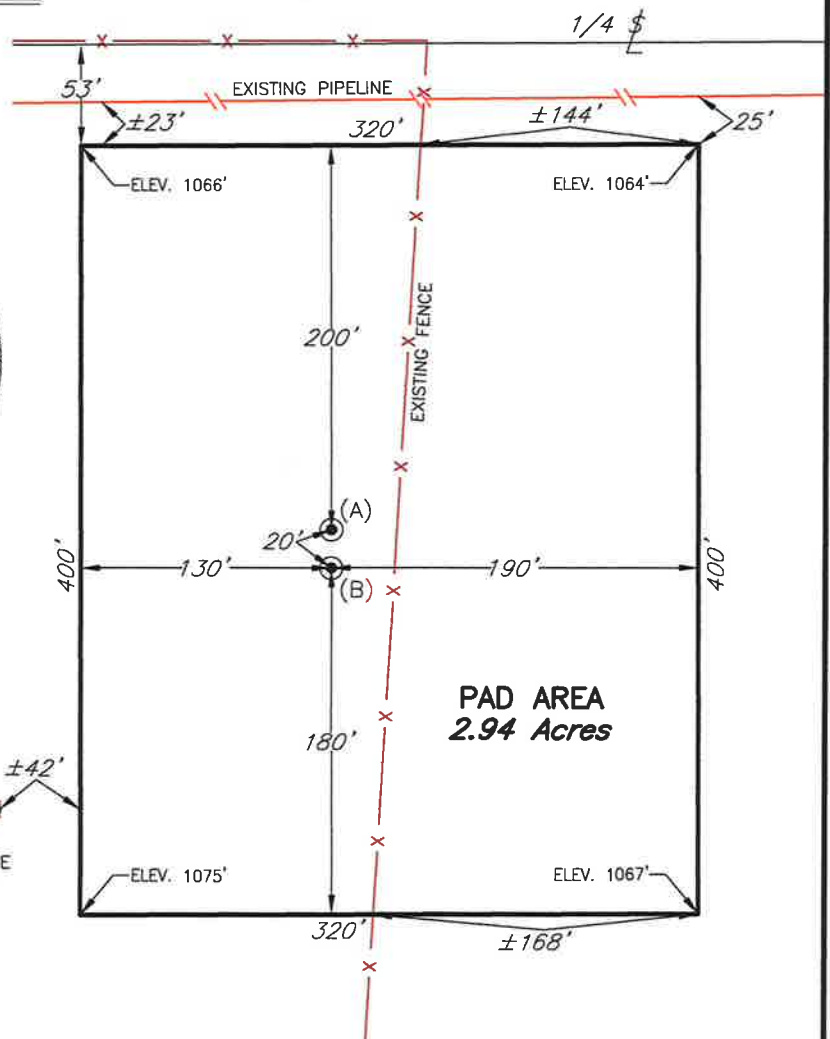


GRID  
NAD-27  
OK NORTH  
US Feet

0' 100'



SECTION 32  
SW/4



## NOTE:

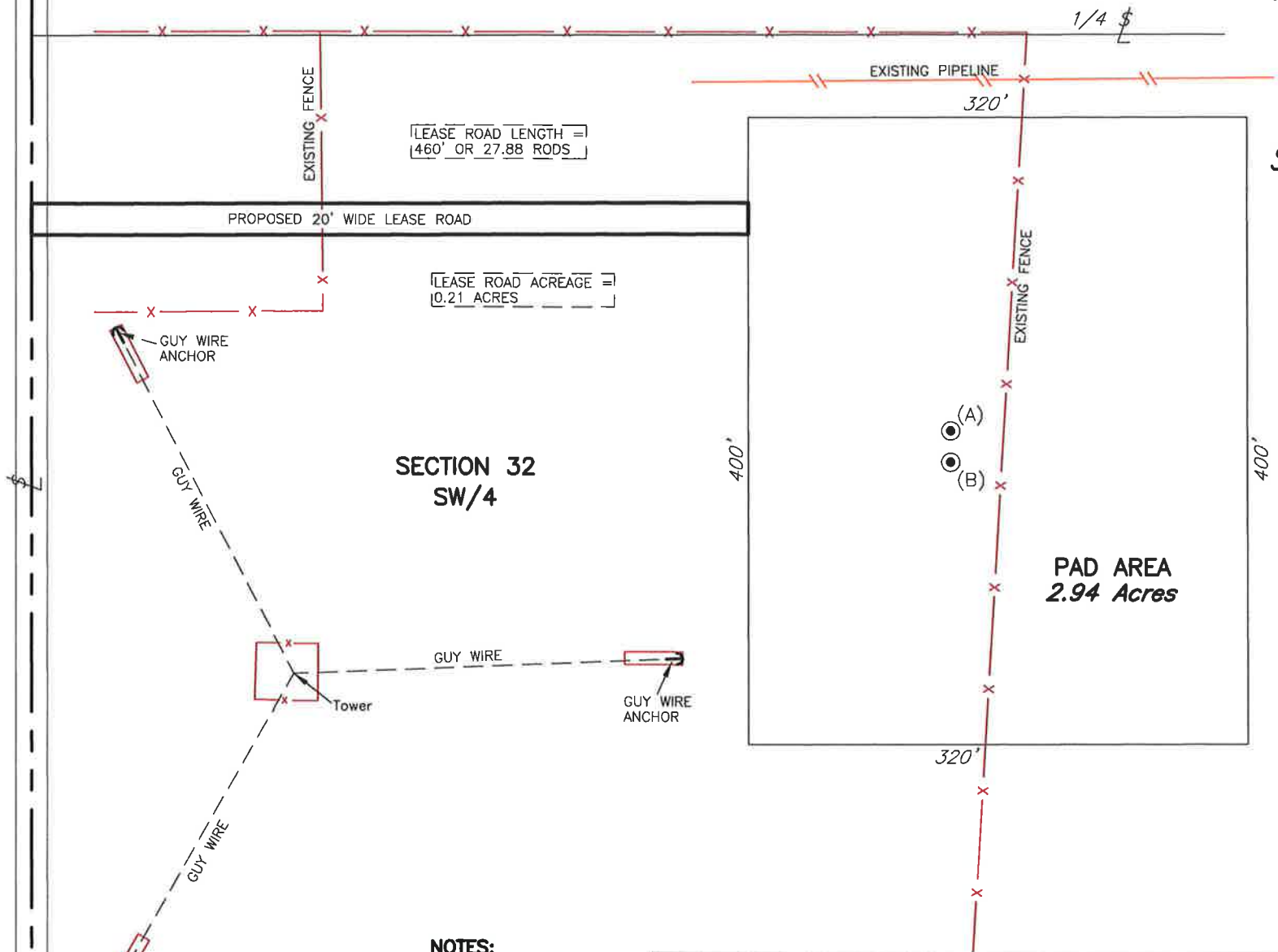
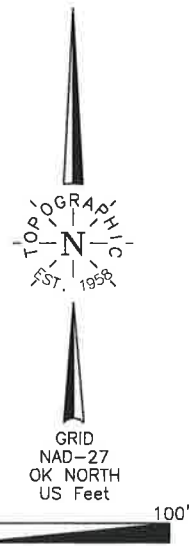
The information shown herein is  
for construction purposes ONLY.

				This plat was prepared exclusively for <b>REVOLUTION RESOURCES</b>		SCALE: 1"=100'
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		DATE: 2/8/19
NO.	REVISION	DATE	BY	SURVEYING AND MAPPING BY <b>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</b>		PROJECT NO.: 123744
SUR. BY:	JW	2/5/19		13800 Wireless Way, Okla. City, OK, 73134 (405) 843-4847		FILE NAME: L2007A.DWG
DRAWN BY:	TR			Certificate of Authorization No. 1293 LS		DWG NO.: 118067-L2-007-A
APPROVED BY:	TH					SHEET 1 OF 1

T 14 N – R 4 W  
(INDIAN MERIDIAN)

SKETCH SHOWING  
PROPOSED LEASE ROAD IN THE  
SW/4 OF SECTION 32, T14N – R4W  
OKLAHOMA COUNTY, OKLAHOMA

- (A) REVOLUTION RESOURCES  
THE HOUND 1404 32-08 2BH
- (B) REVOLUTION RESOURCES  
THE HOUND 1404 32-06 1BH



**NOTES:**  
Lease road based on  
information provided client,  
not surveyed in the field.  
  
The information shown herein is  
for construction purposes ONLY.

				This sketch was prepared exclusively for		SCALE: 1"=100'	
				<b>REVOLUTION RESOURCES</b>		DATE: 2/11/19	
NO.	REVISION	DATE	BY	and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		PROJECT NO.: 123744	
SUR. BY: JW 2/5/19				SURVEYING AND MAPPING BY		FILE NAME: L2007B.DWG	
DRAWN BY: TR				<b>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</b>		DWG NO.:118067-L2-007-B	
APPROVED BY: TH				13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847		SHEET 1 OF 1	
				Certificate of Authorization No. 1293 LS			