

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

API NUMBER: 109 22485

Approval Date: 11/07/2019

Expiration Date: 05/07/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 13N Rge: 4W

County: OKLAHOMA

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 260 2450

Lease Name: JETSON 1304 08-20

Well No: 4BH

Well will be 260 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

REVOLUTION RESOURCES LLC  
14301 CALIBER DRIVE SUITE 110  
OKLAHOMA CITY OK 73134

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

Name	Depth	Name	Depth
1 HUNTON	7000	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: 19690

Ground Elevation: 1121

Surface Casing: 1050

Depth to base of Treatable Water-Bearing FM: 800

Deep surface casing has been approved

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 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: 19-37030

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 20 Twp 13N Rge 4W County OKLAHOMA

Spot Location of End Point: NW SW SE NE

Feet From: NORTH 1/4 Section Line: 2000

Feet From: EAST 1/4 Section Line: 1200

Depth of Deviation: 6427

Radius of Turn: 573

Direction: 170

Total Length: 12363

Measured Total Depth: 19690

True Vertical Depth: 7000

End Point Location from Lease,  
Unit, or Property Line: 1200

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

10/8/2019 - 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](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

11/7/2019 - GB1 - (UNIT) E2 8, E2 17 & E2 20-13N-4W  
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN



# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

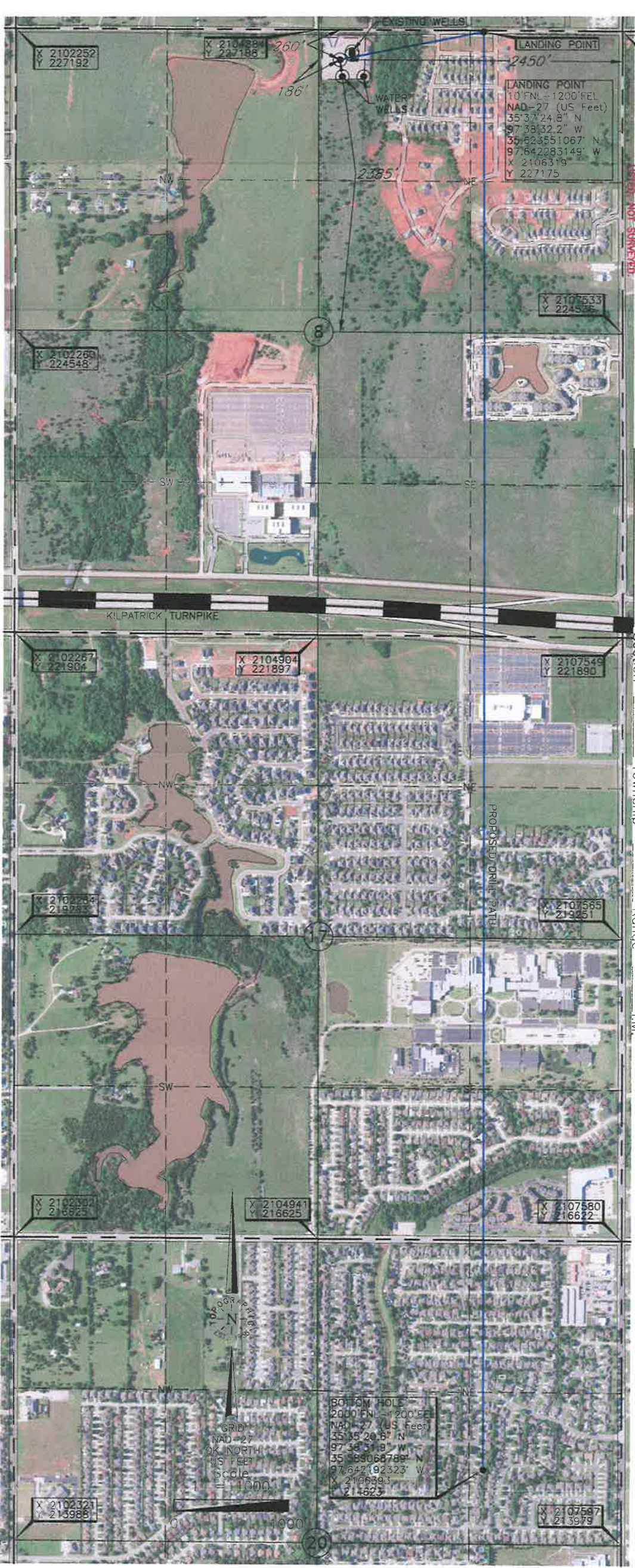
13800 Wireless Way, Okla. City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

OKLAHOMA Certificate of Authorization No. 1293 LS

County, Oklahoma

260'FNL - 2450'FEL Section 8 Township 13N Range 4W 1.M

LISTED - NOT SURVEYED.



Lease Name: JETSON 1304 08-20

Topography & Vegetation Loc. fell on level pad,  $\pm 114'$  &  $\pm 126'$  SW of existing wells,

Good Drill Site? Yes Stakes Set None

Best Accessibility to Location From North off county road

From Jct. St. Hwy. 74 N-S and North 150th St., go  $\pm 3.5$  mi. West from Hwy Jct or Town

on 150th St. to the N/4 Cor. of Sec. 8--T13N--R4W

ELEVATION:

1121' Gr. at level pad

DATUM: NAD-27

LAT: 35°37'22.4"N

LONG: 97°38'47.4"W

Lat. 35.622883705° N

LA: 33-022000703 N

LONG: 97.6464865/9° W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

ZONE, OR  
Y. 2105071

X: 2105071

Y: 226927

(This information was gathered with a GPS receiver with  $\pm 1$  foot Horiz./Vert. accuracy.)

# CERTIFICATE:

1. Thomas L. Howell

an Oklahoma

HOWELL  
THOMAS L.

50



Date of Drawing: Oct. 03, 2019  
Project # 130450 Date Staked: Sept. 30, 2019

AC





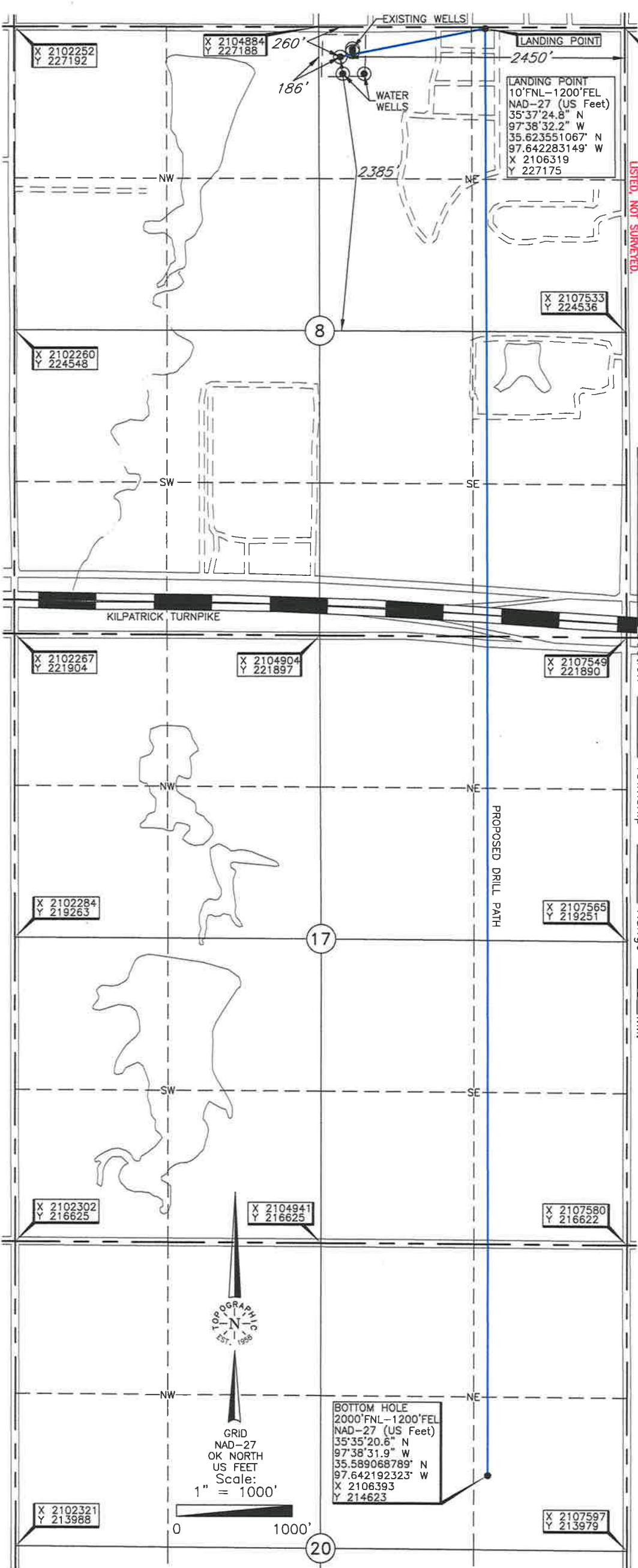
**NOTES:**

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

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

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OKLAHOMA Certificate of Authorization No. 1293 LS

260' FNL - 2450' FEL Section 8 Township 13N Range 4W I.M.



**ELEVATION:**

1121' Gr. at level pad

Operator: **REVOLUTION RESOURCES**

Lease Name: **JETSON 1304 08-20**

Well No.: **4BH**

Topography & Vegetation Loc. fell on level pad, ±114' & ±126' SW of existing wells.

±147' North of water wells

Reference Stakes or Alternate Location

Good Drill Site? **Yes**

Stakes Set **None**

Best Accessibility to Location **From North off county road**

Distance & Direction

From Hwy Jct or Town From Jct. St. Hwy. 74 N-S and North 150th St., go ±3.5 mi. West

on 150th St. to the N/4 Cor. of Sec. 8-T13N-R4W

Date of Drawing: **Oct. 03, 2019**

Project # **130450** Date Staked: **Sept. 30, 2019**

**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**



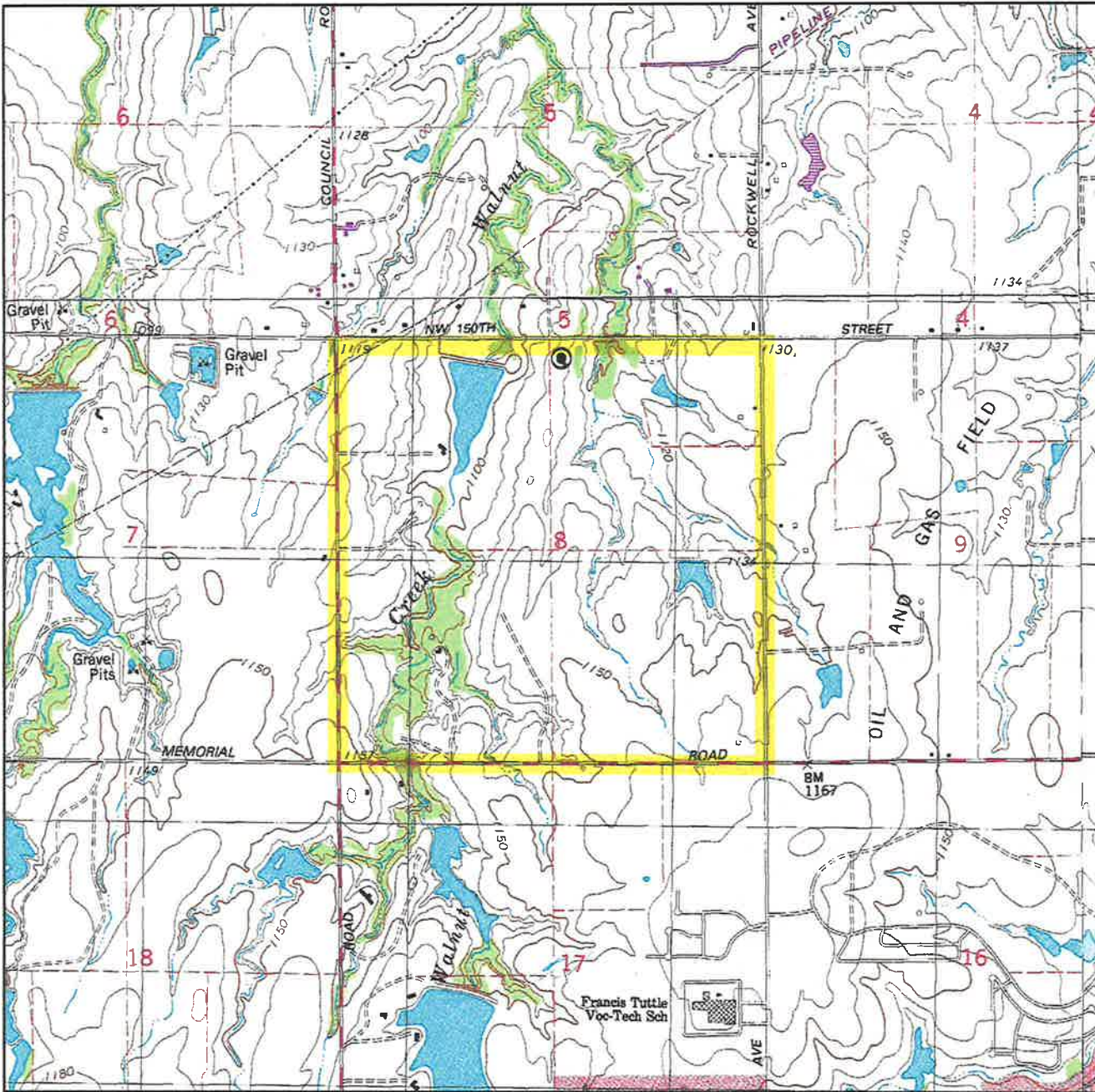
This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.



# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 8 Twp. 13N Rng. 4W IM

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES

Description 260'FNL - 2450'FEL

Lease JETSON 1304 08-20 4BH

Elevation 1121' 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**

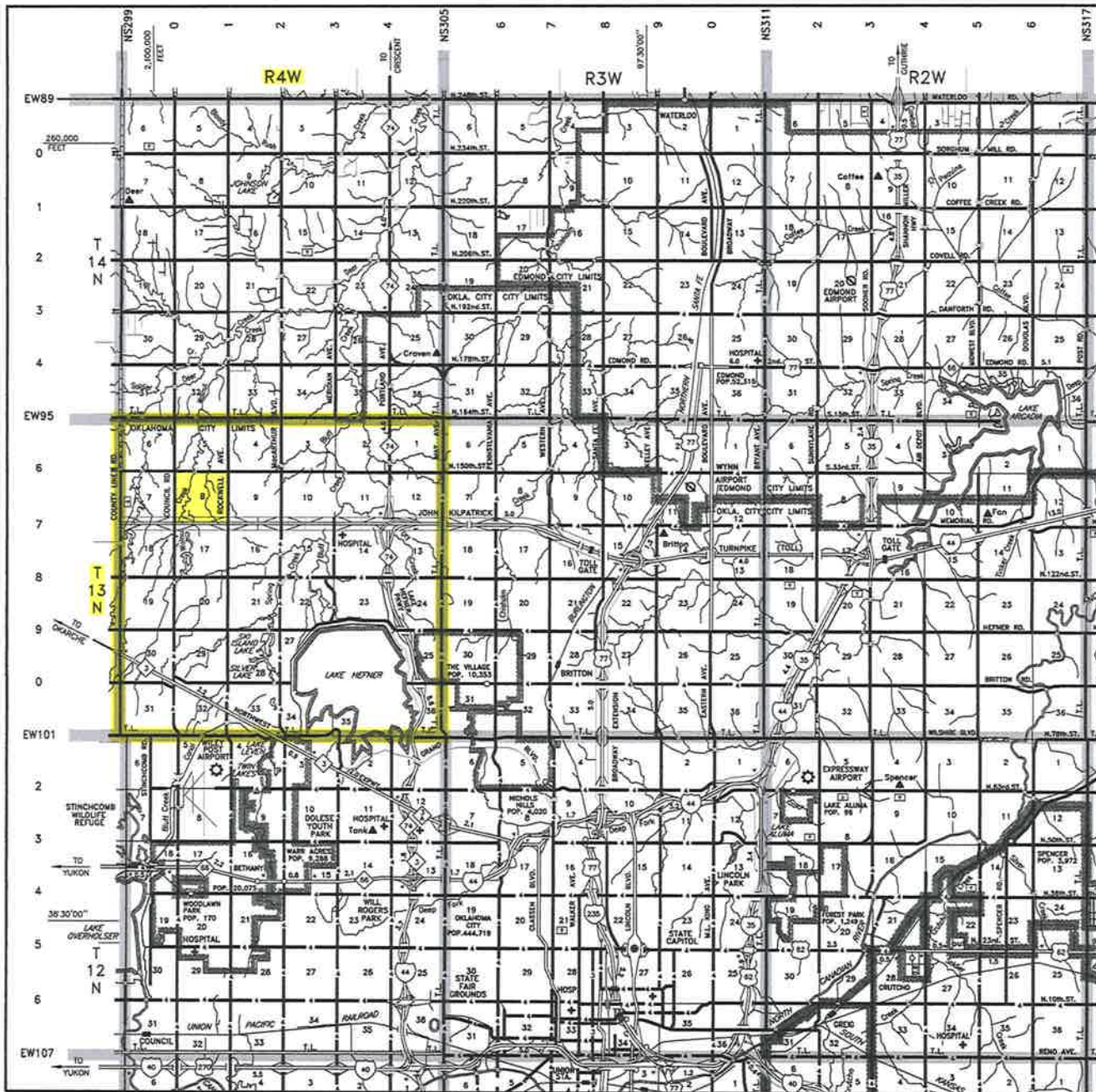
Sep. 30, 2019



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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 8 Twp. 13N Rng. 4W IM

County OKLAHOMA State OK

Operator REVOLUTION RESOURCES



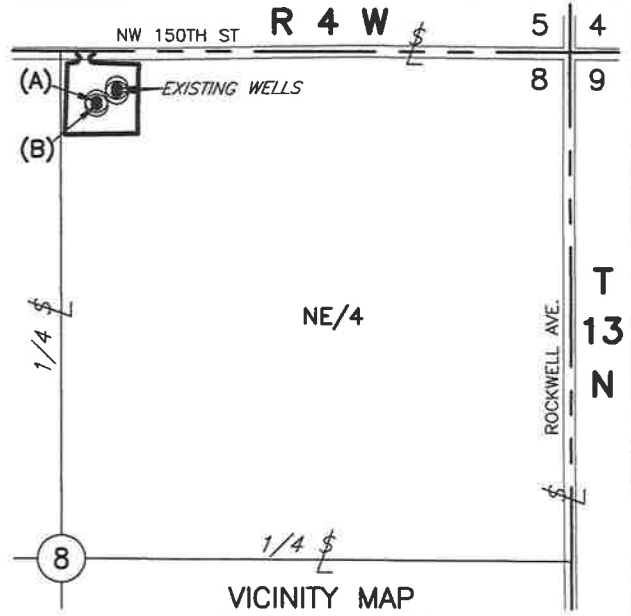
LAND SURVEYORS OF OKLAHOMA

# T 13 N - R 4 W

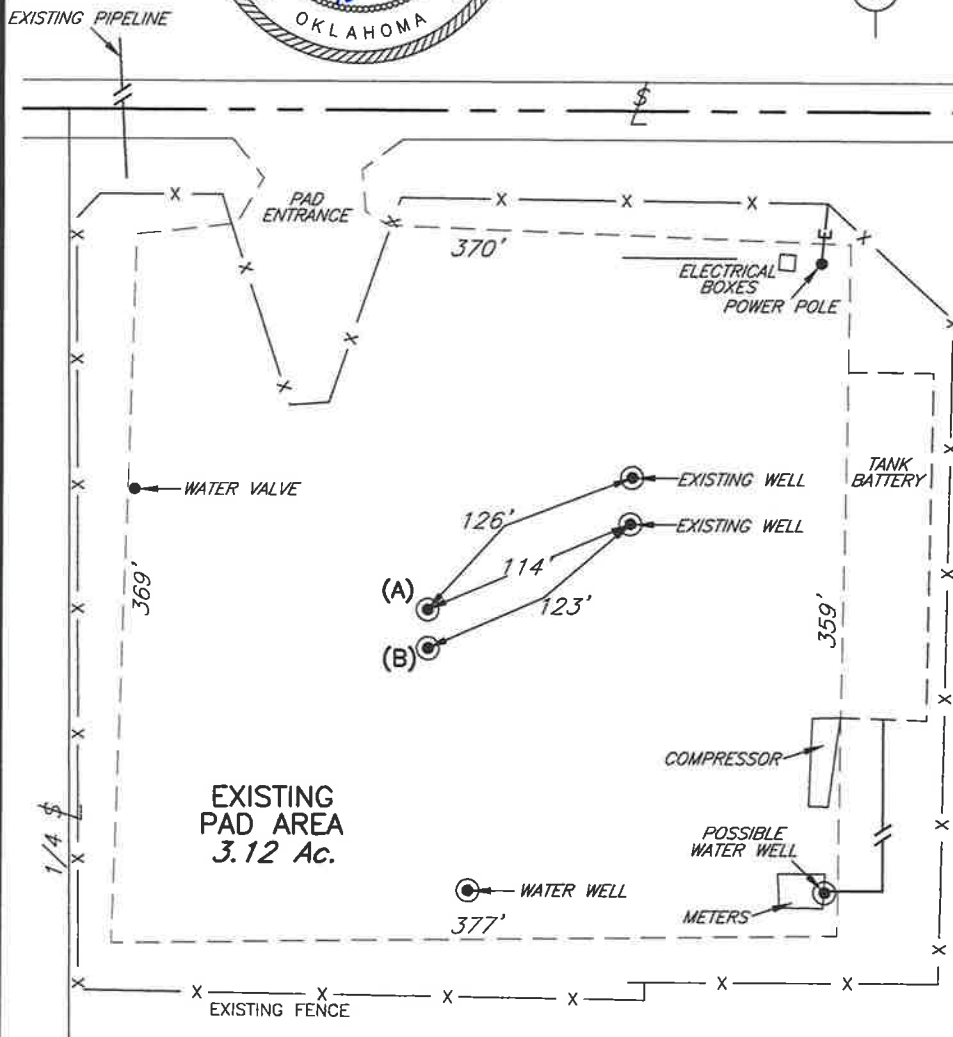
(INDIAN MERIDIAN)

PLAT SHOWING

EXISTING PAD AREA IN THE  
NE/4 OF SECTION 8, T13N - R4W  
OKLAHOMA COUNTY, OKLAHOMA



VICINITY MAP  
(Scale: 1" = 1000')



- (A) REVOLUTION RESOURCES  
JETSON 1304 08-20 4BH  
260'FNL - 2450'FEL  
Elev. 1021' Gr.
- (B) REVOLUTION RESOURCES  
JETSON 1304 08-17 3BH  
280'FNL - 2450'FEL  
Elev. 1020' Gr.

SECTION 8  
NE/4



NOTE:  
The information shown herein is for  
construction purposes ONLY.

NO.	REVISION	DATE	BY
SUR. BY:	RL	9-30-19	
DRAWN BY:	AC		
APPROVED BY:	TH		

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:	10-02-19
PROJECT NO.:	130450
FILE NAME:	L4016A.DWG
DWG NO.:	118067-L4-016-A
SHEET	1 OF 1

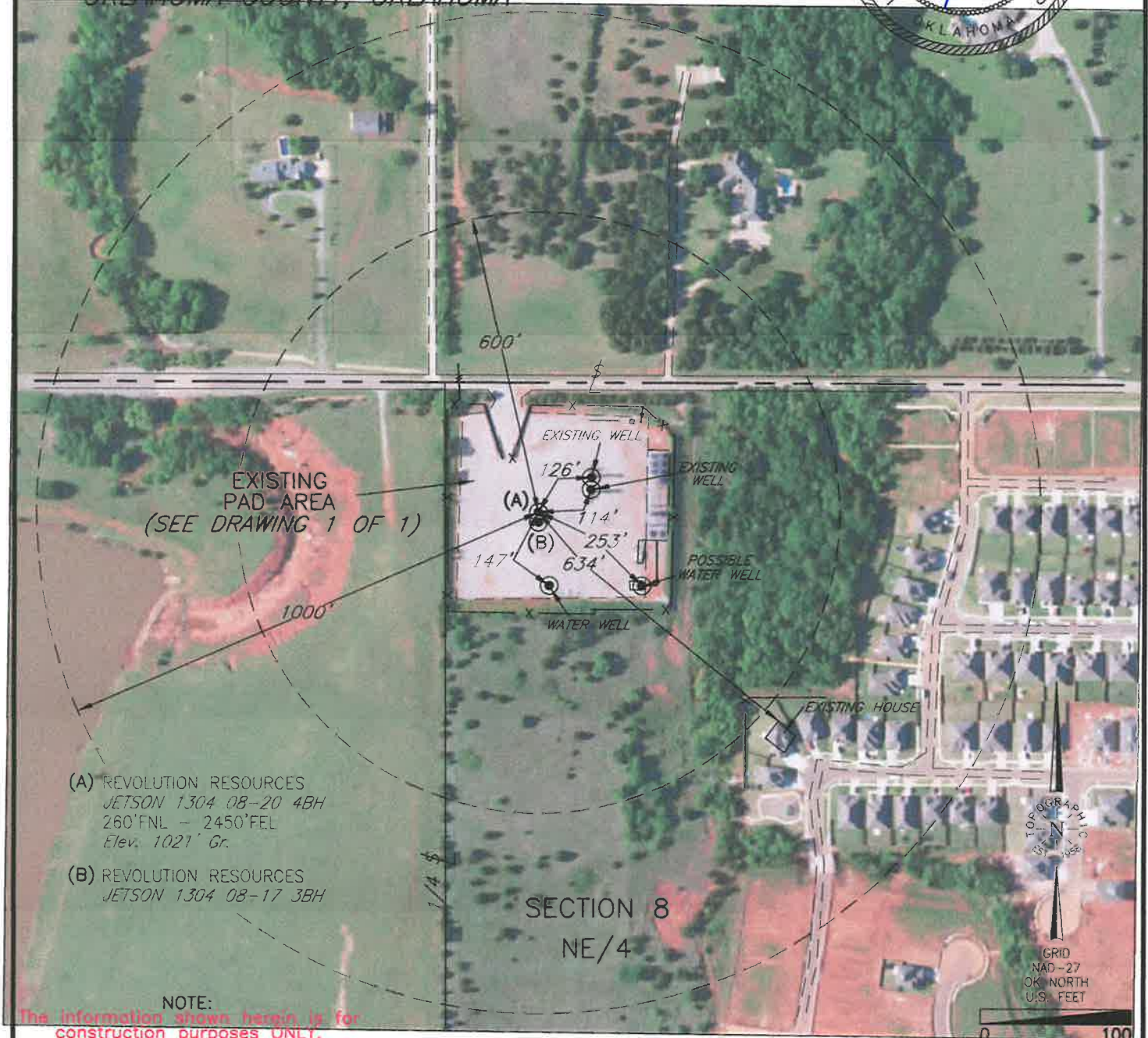
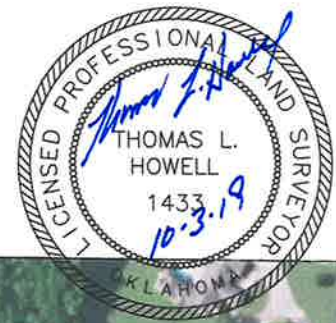


T 13 N - R 4 W

(INDIAN MERIDIAN)

PLAT SHOWING

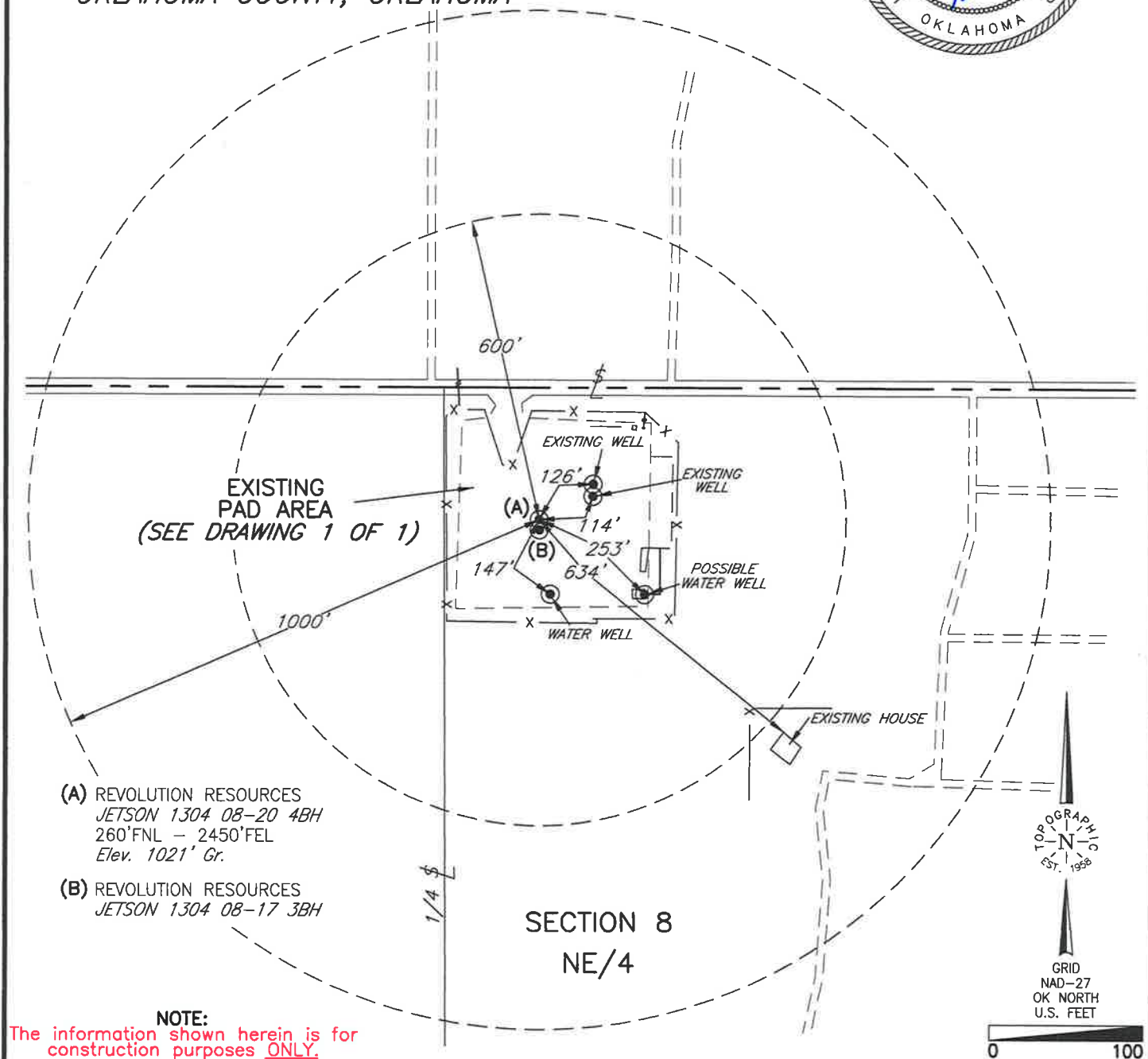
600' AND 1000' RADIUS IN THE  
NE/4 OF SECTION 8, T13N - R4W  
OKLAHOMA COUNTY, OKLAHOMA



				This plat was prepared exclusively for		SCALE: 1" = 300'	
				<b>REVOLUTION RESOURCES</b>		DATE: 10-02-19	
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		PROJECT NO.: 130450	
NO.	REVISION	DATE	BY	SURVEYING AND MAPPING BY		FILE NAME: L4016A1.DWG	
				<b>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</b>		DWG NO.: 118067-L4-016-A1	
				13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847		SHEET 1 OF 1	
				Certificate of Authorization No. 1293 LS			
SUR. BY: RL 9-30-19							
DRAWN BY: AC							
APPROVED BY: TH							



600' AND 1000' RADIUS IN THE  
NE/4 OF SECTION 8, T13N - R4W  
OKLAHOMA COUNTY, OKLAHOMA



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SUR. BY: RL 9-30-19				SURVEYING AND MAPPING BY		FILE NAME: L4016A1.DWG
DRAWN BY: AC				<b>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</b>		DWG NO.: 118067-L4-016-A1
APPROVED BY: TH				13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847		SHEET 1 OF 1
				Certificate of Authorization No. 1293 LS		