

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

API NUMBER: 151 24574

Approval Date: 08/28/2019

Expiration Date: 02/28/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 29N Rge: 14W

County: WOODS

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 180 1535

Lease Name: SNYDER 14-29-14

Well No: 1H

Well will be 180 feet from nearest unit or lease boundary.

Operator Name: BCE-MACH LLC

Telephone: 4052528151

OTC/OCC Number: 24174 0

BCE-MACH LLC  
14201 WIRELESS WAY STE 300  
OKLAHOMA CITY, OK 73134-2512

LEONA M. SNYDER  
777 N MCLEAN BLVD. APT 226  
WICHITA KS 67203-

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	4883	6
2			7
3			8
4			9
5			10

Spacing Orders: 692748

Location Exception Orders: 699870

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9392

Ground Elevation: 1396

**Surface Casing: 260**

Depth to base of Treatable Water-Bearing FM: 210

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: 25000 Average: 8000

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: CEDAR HILLS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36795  
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 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 14 Twp 29N Rge 14W County WOODS

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 4340

Radius of Turn: 666

Direction: 12

Total Length: 4005

Measured Total Depth: 9392

True Vertical Depth: 4948

End Point Location from Lease,

Unit, or Property Line: 50

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

8/13/2019 - 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)

LOCATION EXCEPTION - 699870

8/28/2019 - G56 - (I.O.) 14-29N-14W  
X692748 MSSP  
COMPL INT NCT 0' FNL, NCT 150' FSL, NCT 330' FEL  
BCE-MACH LLC  
7/29/2019

SPACING - 692748

8/28/2019 - G56 - (640)(HOR) 14-29N-14W  
VAC 528577 MSSP  
EST MSSP  
COMPL INT NCT 660' FB

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151 24574 SNYDER 14-29-14 1H

151-24574

**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

WOODS

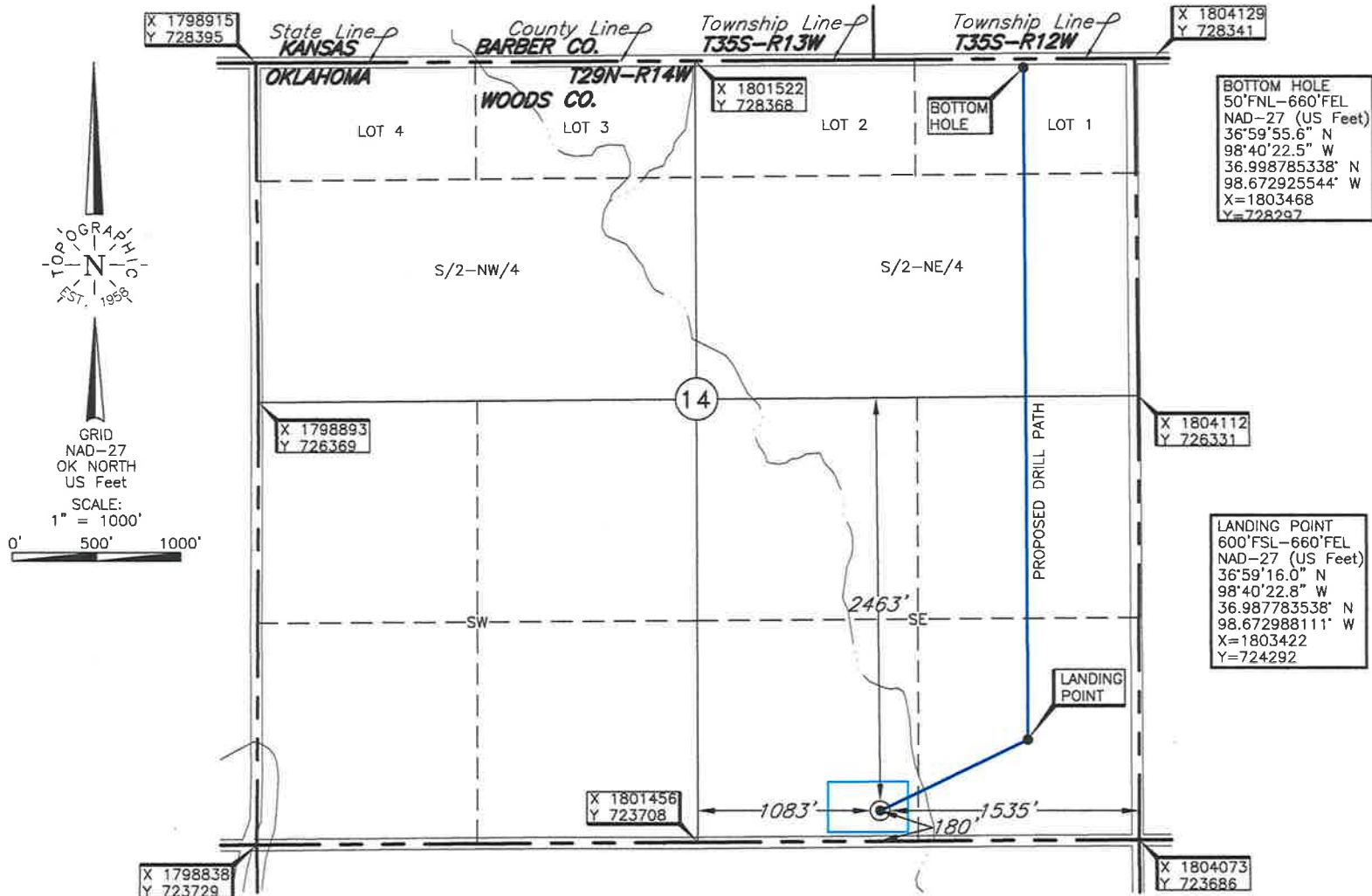
County, Oklahoma

180'FSL-1535'FEL

Section 14

Township 29N

Range 14W I.M.

LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION  
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY.Operator: MACH RESOURCESLease Name: SNYDER 14-29-14Well No.: 1H**ELEVATION:**1396' Gr. at StakeTopography & Vegetation Location fell in slope cut wheatGood Drill Site? Yes Reference Stakes or Alternate Location  
Stakes Set NoneBest Accessibility to Location From South off county road

Distance &amp; Direction

from Hwy Jct or Town From Alva, Okla., go ±13 miles North on US. Hwy. 281, then ±1 mile West to  
the SE Cor. of Sec. 14-T29N-R14W

DATUM: NAD-27  
 LAT: 36°59'11.9"N  
 LONG: 98°40'33.6"W  
 LAT: 36.986633599° N  
 LONG: 98.675995036° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 1802541  
 Y: 723879

Date of Drawing: July 17, 2019  
 Project # 127620 Date Staked: July 16, 2019

LC

**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

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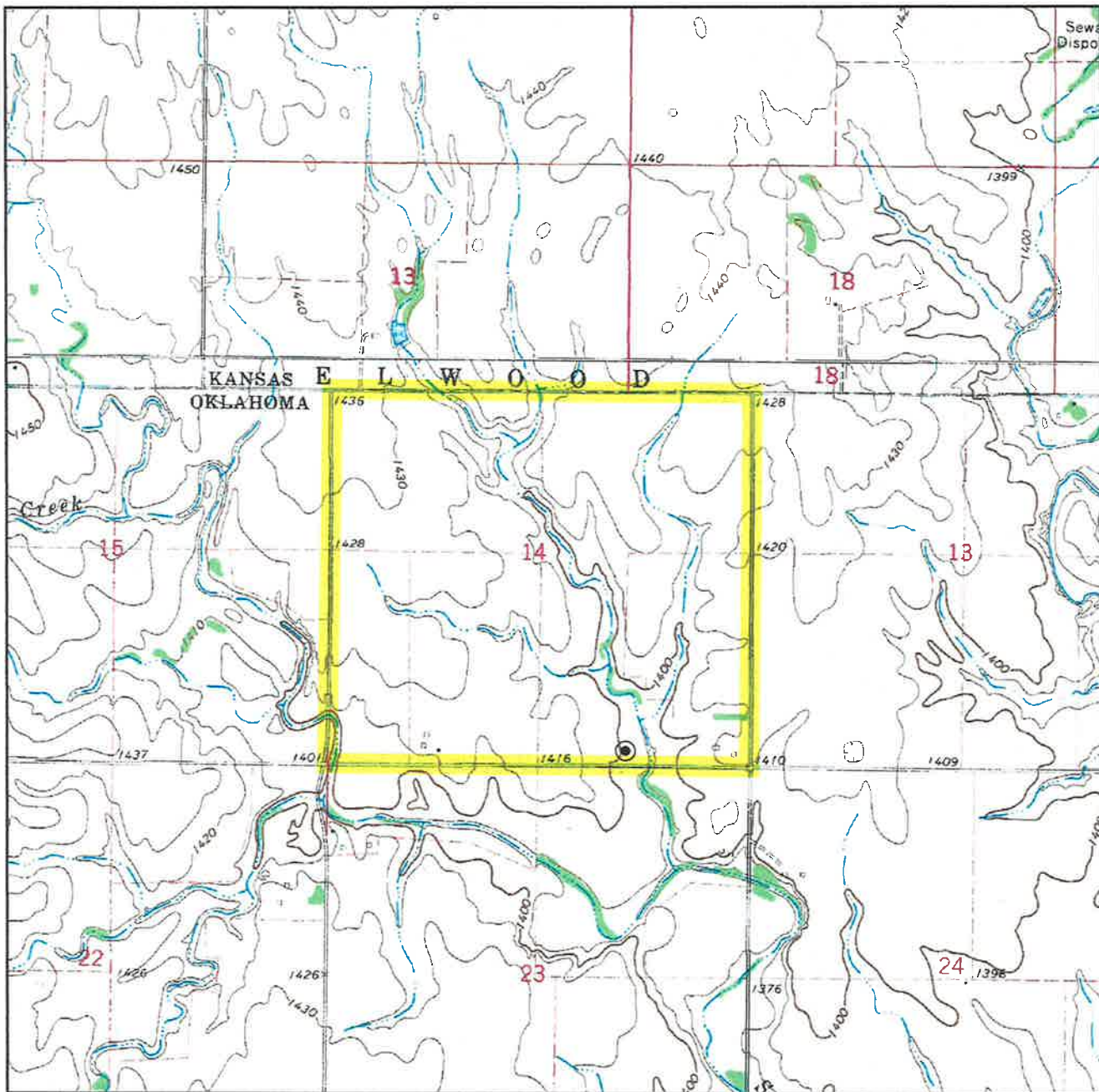
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

*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

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 14 Twp. 29N Rng. 14W I.M.

County WOODS State OK

Operator MACH RESOURCES

Description 180' FSL-1535' FEL

Lease SNYDER 14-29-14 1H

Elevation 1396' 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**

July 16, 2019

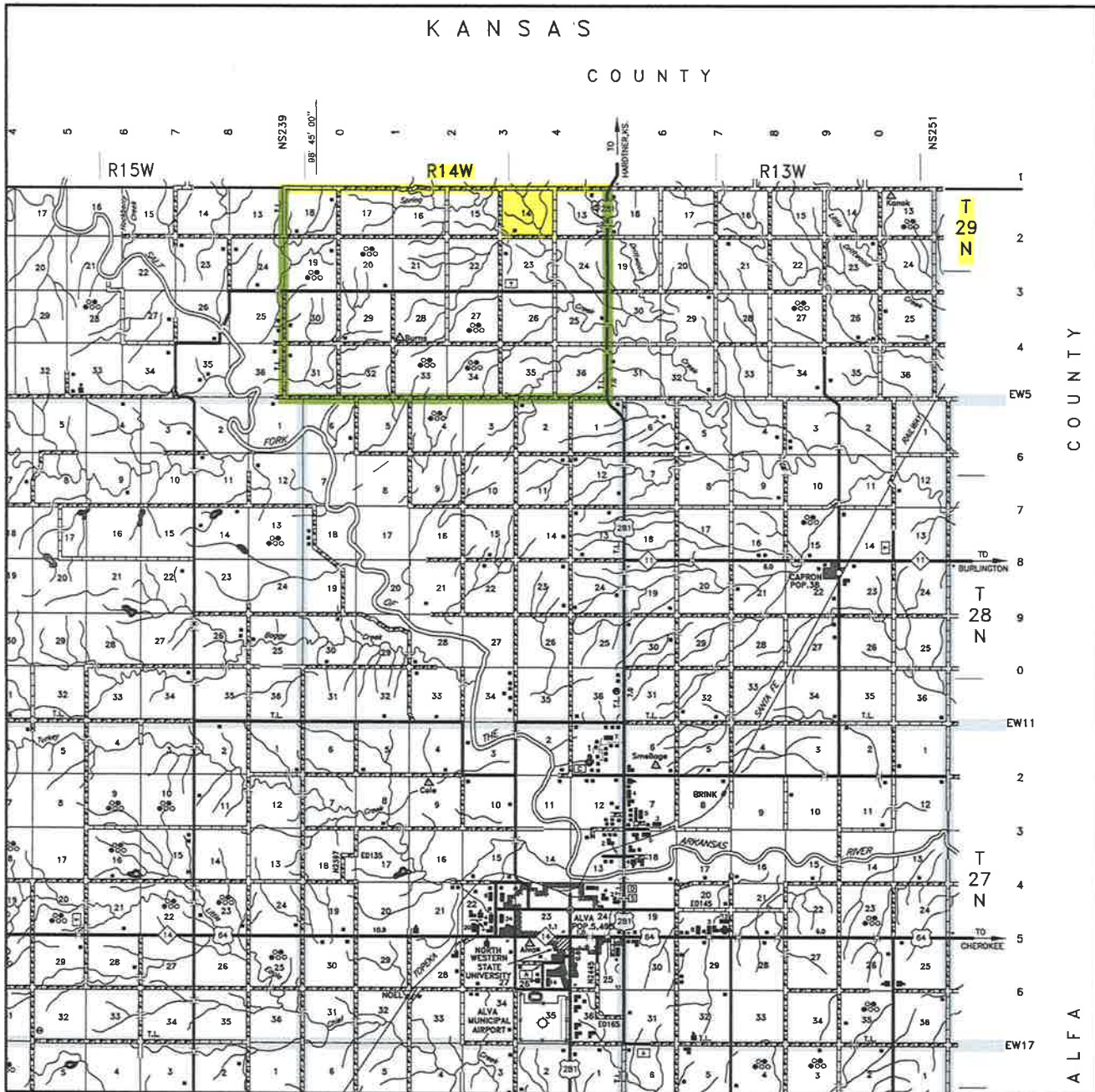
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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 14 Twp. 29N Rng. 14W I.M.

County WOODS State OK

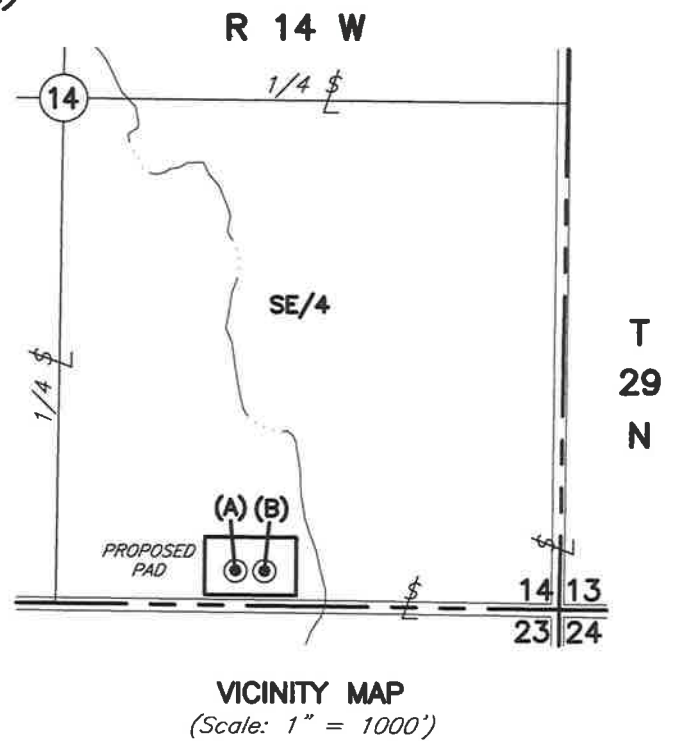
Operator MACH RESOURCES



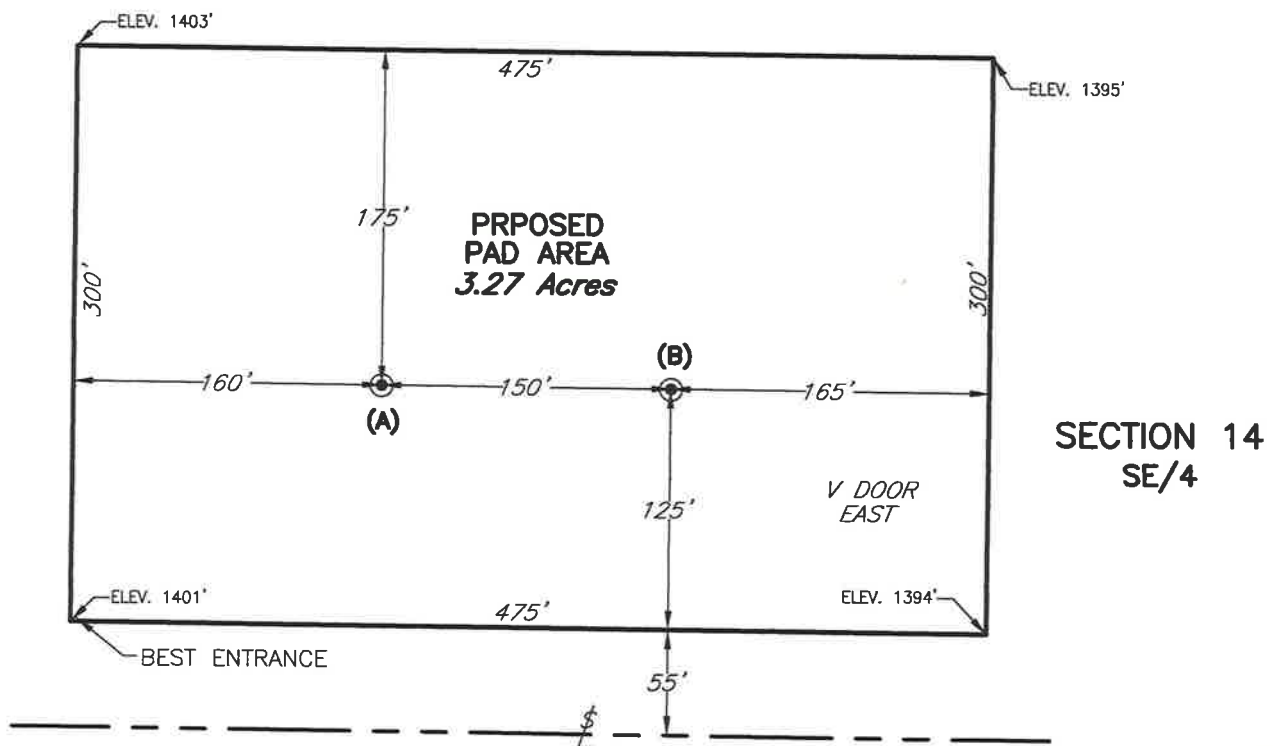
LAND SURVEYORS OF OKLAHOMA



*T 29 N - R 14 W*  
*(INDIAN MERIDIAN)*

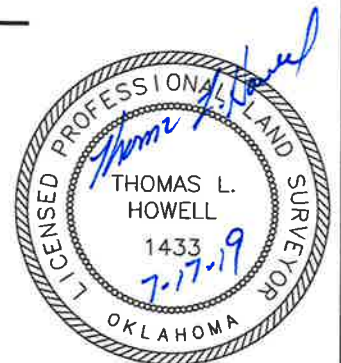


(B) MACH RESOURCES  
SNYDER 14-29-14 1H  
180'FSL-1535'FEL  
Elev. 1396' Gr.



PLAT SHOWING  
PROPOSED PAD AREA IN THE  
SE/4 OF SECTION 14, T29N-R14W  
WOODS COUNTY, OKLAHOMA

The information shown herein  
is for construction purposes  
ONLY.



				<div>This plat was prepared exclusively for</div> <div>MACH RESOURCES</div> <div>and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma</div> <div>SURVEYING AND MAPPING BY</div> <div>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</div> <div>13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847</div> <div>Certificate of Authorization No. 1293 LS</div>	SCALE: 1"=100'
NO.	REVISION	DATE	BY		DATE: 7-17-19
SUR. BY: DJ 7-16-19					PROJECT NO.: 127620
DRAWN BY: LC					FILE NAME: L2146B.DWG
APPROVED BY: TH					DWG NO.: 113014-L2-146-B
					SHEET 1 OF 1