

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

API NUMBER: 003 23355

Approval Date: 01/07/2019

Expiration Date: 07/07/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 26N Rge: 11W

County: ALFALFA

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 2345

Lease Name: FRECH 30-26-11

Well No: 2H

Well will be 200 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

CLARA L. FRECH LIVING TRUST
13548 COUNTY ROAD 590
CARMEN OK 73726

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5581	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 602072

Location Exception Orders: 688528

Increased Density Orders: 688527

Pending CD Numbers:

Special Orders:

Total Depth: 10592

Ground Elevation: 1258

Surface Casing: 310

Depth to base of Treatable Water-Bearing FM: 260

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35283
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 30 Twp 26N Rge 11W County ALFALFA

Spot Location of End Point: N2 N2 NW NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 1980

Depth of Deviation: 5377

Radius of Turn: 562

Direction: 5

Total Length: 4332

Measured Total Depth: 10592

True Vertical Depth: 5695

End Point Location from Lease,
Unit, or Property Line: 150

Notes:

Category

Description

HYDRAULIC FRACTURING

12/21/2018 - 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

INCREASED DENSITY - 688527

1/7/2019 - G58 - 30-26N-11W
X602072 MSSP
2 WELLS
BCE-MACH LLC
12/18/2018

LOCATION EXCEPTION - 688528

1/7/2019 - G58 - (I.O.) 26-26N-11W
X602072 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 1320' FEL
BCE-MACH LLC
12/18/2018

SPACING - 602072

1/7/2019 - G58 - (640) 30-26N-11W
VAC 485007 MSSCT, MSSLM
EXT 600013 MSSP

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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.

003 23355 FRECH 30-26-11 2H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

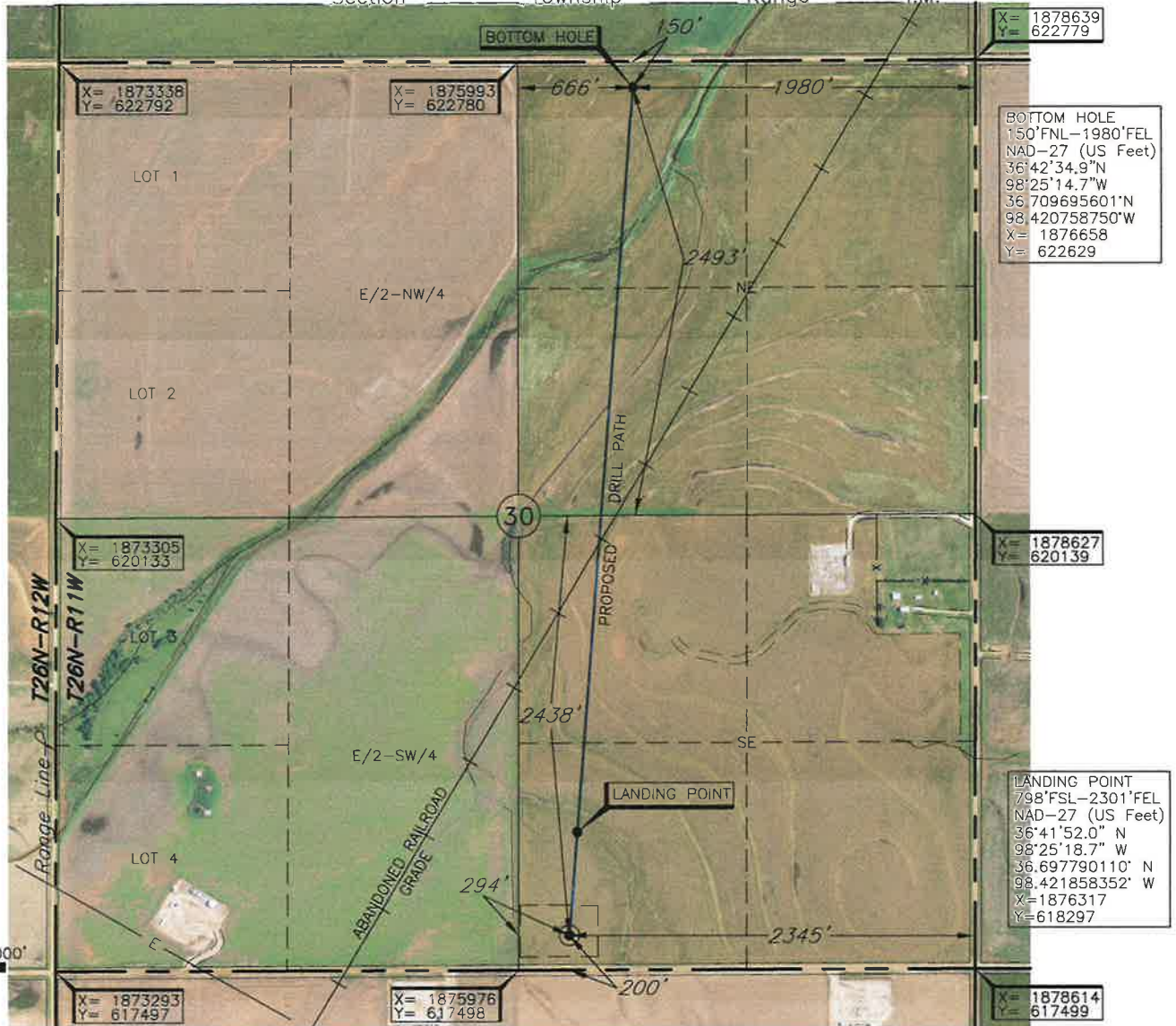
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

003-23355

ALFALFA

County, Oklahoma

200'FSL - 2345'FEL Section 30 Township 26N Range 11W I.M.



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

Operator: MACH RESOURCES

Lease Name: FRECH 30-26-11

Well No.: 2H

ELEVATION:

1258' Gr. at Stake

Topography & Vegetation Loc. fell in level wheat field.

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road.

Distance & Direction

from Hwy Jct or Town From Cherokee, OK, go ±4.0 mi. South, then ±3.0 mi. West to the SE Cor. of Sec. 30-T26N-R11W.

Date of Drawing: Nov. 12, 2018

Invoice # 306055

Date Staked: Nov. 07, 2018

AC

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



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

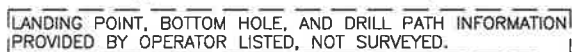
DATUM: NAD-27
LAT: 36°41'46.1" N
LONG: 98°25'19.2" W
LAT: 36.696146603°N
LONG: 98.422010122°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1876270
Y: 617698

ALFALFA

County, Oklahoma

003-23355

200'FSL - 2345'FEL Section 30 Township 26N Range 11W I.M.



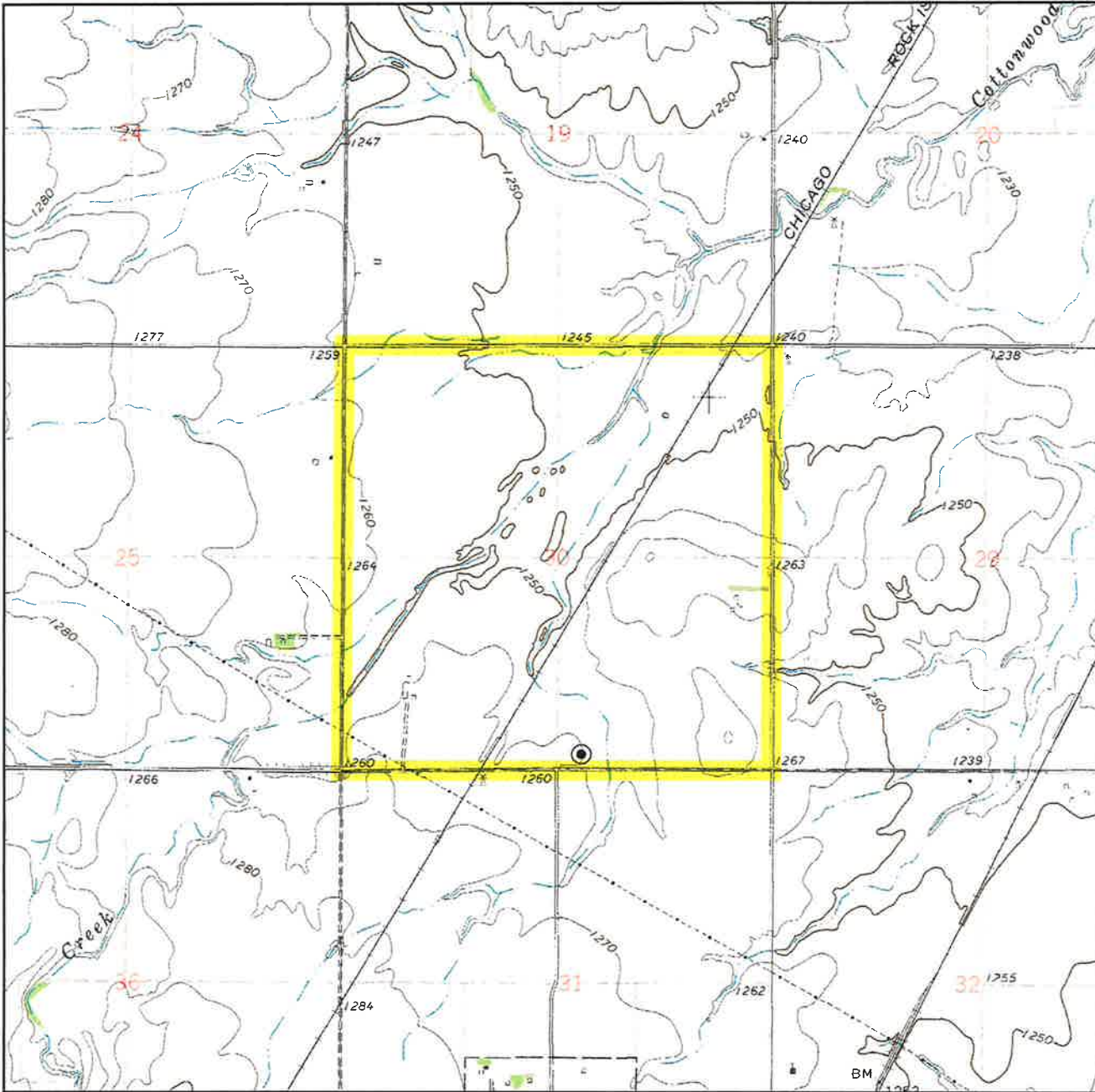
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 30 Twp. 26N Rng. 11W IM

County ALFALFA State OK

Operator MACH RESOURCES

Description 200'FSL - 2345'FEL

Lease FRECH 30-26-11 2H

Elevation 1258' 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

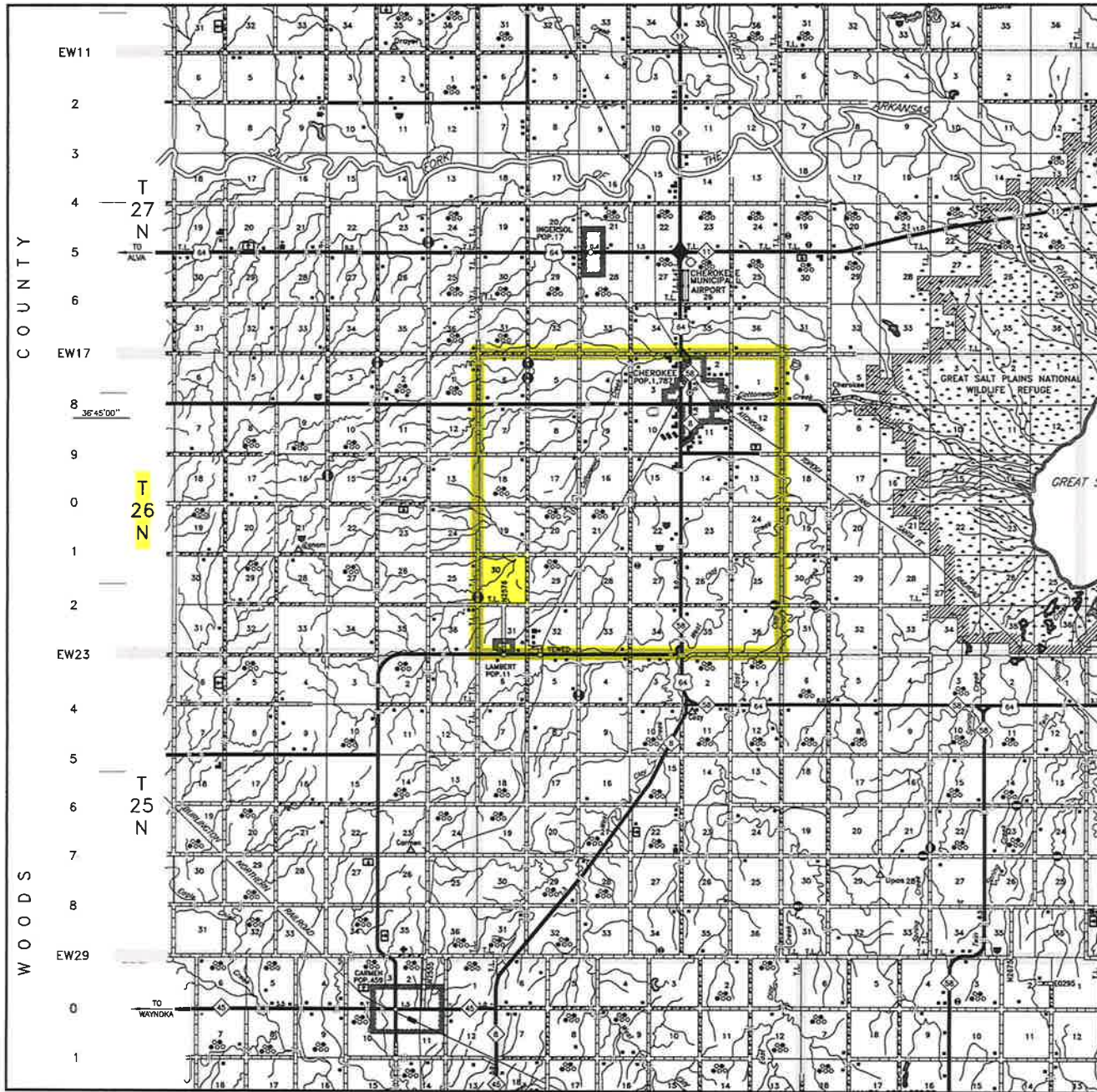
LAND SURVEYORS OF OKLAHOMA

Nov. 07, 2018

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 30 Twp. 26N Rng. 11W IM

County ALFALFA State OK

Operator MACH RESOURCES



LAND SURVEYORS OF OKLAHOMA

Exhibit "A"

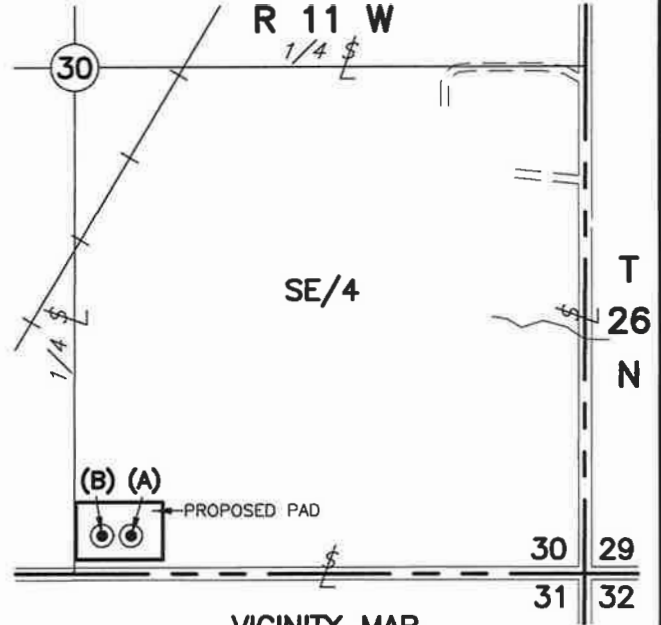
T 26 N – R 11 W
(INDIAN MERIDIAN)

PLAT SHOWING
PROPOSED PAD AREA IN THE
SE/4 OF SECTION 30, T26N – R11W
ALFALFA COUNTY, OKLAHOMA



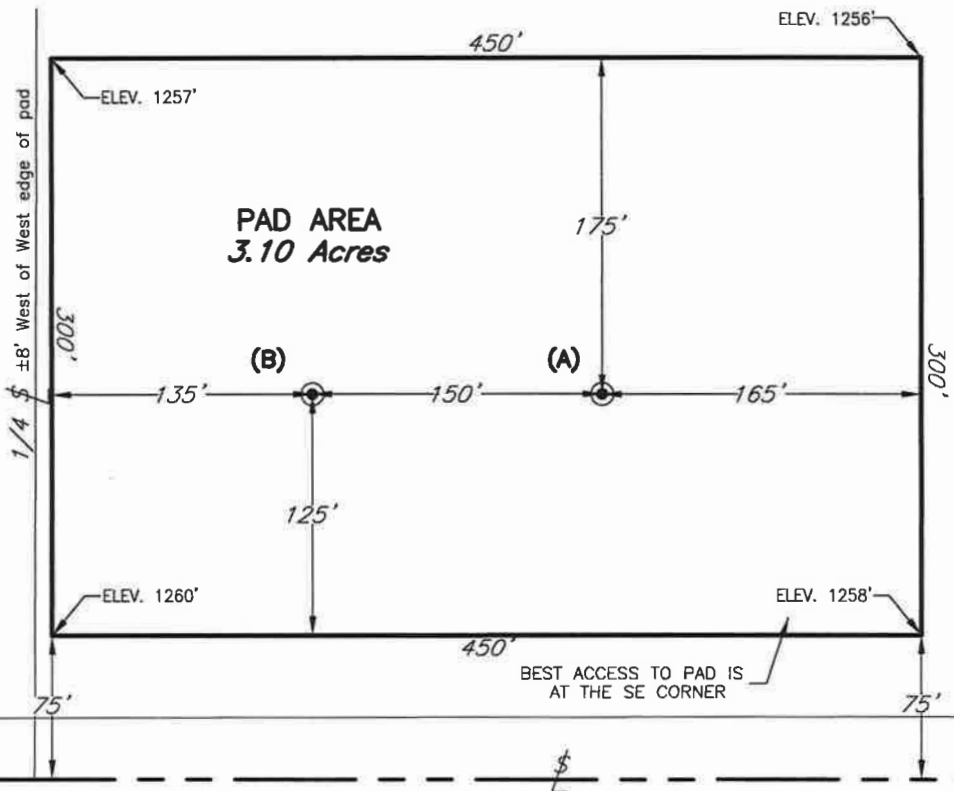
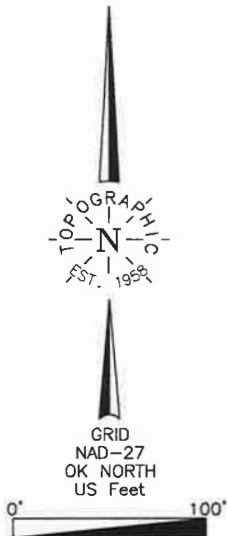
(A) MACH RESOURCES
FRECH 30-26-11 2H
200'FSL-2345'FEL
Elev. 1258' Gr.

(B) MACH RESOURCES
FRECH 30-26-11 3H
200'FSL-2495'FEL
Elev. 1258' Gr.



VICINITY MAP
(Scale: 1" = 1000')

SECTION 30
SE/4



NOTE:

The information shown herein is
for construction purposes ONLY.

				This plat was prepared exclusively for		SCALE: 1"=100'
				MACH RESOURCES		DATE: 11/12/18
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		INVOICE NO.: 306055
NO.	REVISION	DATE	BY	TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA 13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 Certificate of Authorization No. 1293 LS		FILE NAME: L2088A.DWG
SUR. BY:	DJ	11/07/18				DWG NO.: 113014-L2-088-A
DRAWN BY:	AC					SHEET 1 OF 1
APPROVED BY:	TH					