

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

API NUMBER: 003 23324

Approval Date: 07/05/2018

Expiration Date: 01/05/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 26N Rge: 10W

County: ALFALFA

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 170 1640

Lease Name: JAY 30-26-10

Well No: 2H

Well will be 170 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

DONALD R. JAY AND ANITA KAY JAY
P.O. BOX 292
MADILL OK 73446-

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5530	6
2			7
3			8
4			9
5			10

Spacing Orders: 596924

Location Exception Orders: 679901

Increased Density Orders:

Pending CD Numbers: 201804691

Special Orders:

Total Depth: 10349

Ground Elevation: 1177

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 510

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: 18-34654

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 10W County ALFALFA

Spot Location of End Point: S2 S2 SE SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 5096

Radius of Turn: 484

Direction: 176

Total Length: 4493

Measured Total Depth: 10349

True Vertical Depth: 5573

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

Notes:

Category

Description

HYDRAULIC FRACTURING

7/5/2018 - 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

LOCATION EXCEPTION - 679901

7/5/2018 - G58 - (I.O.) 30-26N-10W
X596924 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 660' FWL
BCE-MACH LLC
7/2/2018

PENDING CD - 201804691

7/5/2018 - G58 - 30-26N-10W
X596924 MSSP
1 WELL
NO OP. NAMED
HEARING 7/9/2018

SPACING - 596924

7/5/2018 - G58 - (640)(HOR) 30-26N-10W
VAC 52810 MSSLM
VAC MSSLM, MSSCT 138848 N2 30-26N-10W
EST MSSP
COMPL. INT. (MSSP) NLT 660' FB
(SUPERSEDE NON-PRODUCING, NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING, NON-HORIZONTAL SPACING UNITS)

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003 23324 JAY 30-26-10 2H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

Certificate of Authorization No. 1293 LS

003-23324

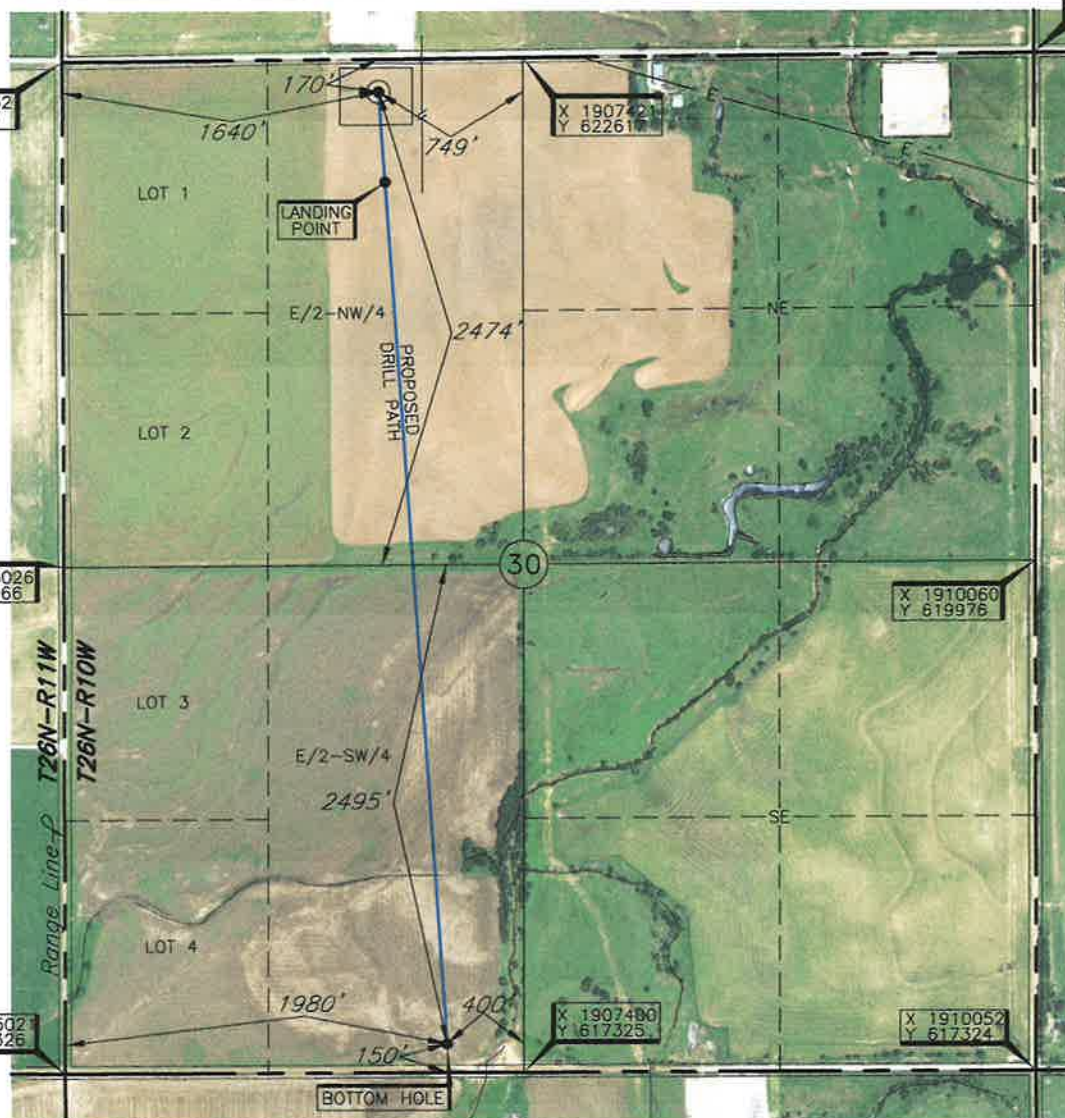
ALFALFA

County, Oklahoma

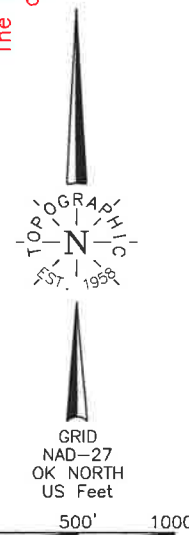
170'FNL - 1640'FWL Section 30 Township 26N Range 10W I.M.

LANDING POINT
646'FNL-1673'FWL
NAD-27 (US Feet)
36°42'29.5" N
98°19'05.7" W
36.708192859° N
98.318261076° W
X=1906703
Y=621968

BOTTOM HOLE
150'FSL-1980'FWL
NAD-27 (US Feet)
36°41'45.1" N
98°19'01.9" W
36.695854472° N
98.317193366° W
X=1907001
Y=617475



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



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

Operator: MACH RESOURCES

Lease Name: JAY 30-26-10

Well No.: 2H

ELEVATION:

1177' Gr. at Stake

Topography & Vegetation Loc. fell in level wheat field, ±225' West of N-S pipeline

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

Best Accessibility to Location From North off county road

Distance & Direction
from Hwy Jct or Town From Cherokee, OK, go 3.0 mi. South on St. Hwy. 58, then 2.0 mi. East
to the NW Cor. of Sec. 30-T26N-R10W

Date of Drawing: May 15, 2018

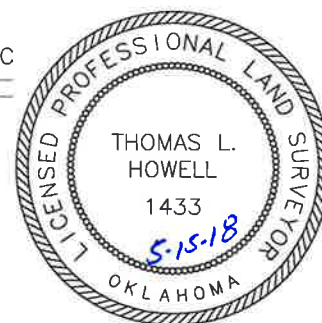
Invoice # 292028 Date Staked: May. 14, 2018

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°42'34.2"N
LONG: 98°19'06.1"W
LAT: 36.709499881° N
LONG: 98.318374200° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1906671
Y: 622444

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ALFALFA

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X 1905032
Y 622607

X 1907421
Y 622617

X 1910068
Y 622628

X 1905026
Y 619966

X 1910060
Y 619976

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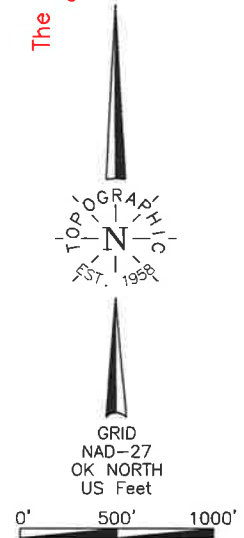
X 1905021
Y 617326

X 1907400
Y 617325

X 1910052
Y 617324

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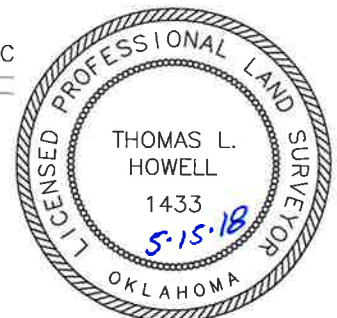
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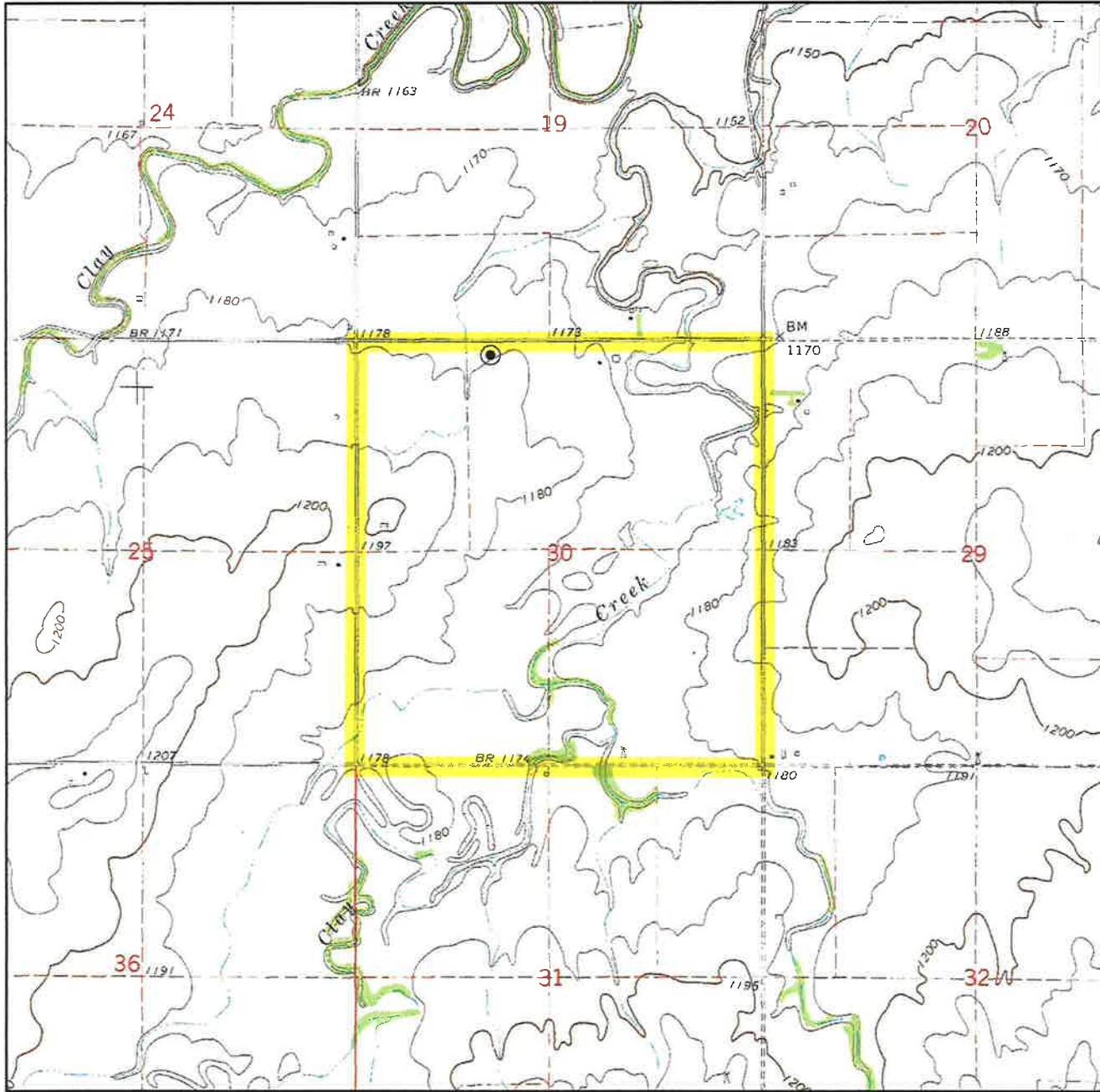


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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 30 Twp. 26N Rng. 10W IM

County ALFALFA State OK

Operator MACH RESOURCES

Description 170'FNL - 1640'FWL

Lease JAY 30-26-10 2H

Elevation 1177' 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

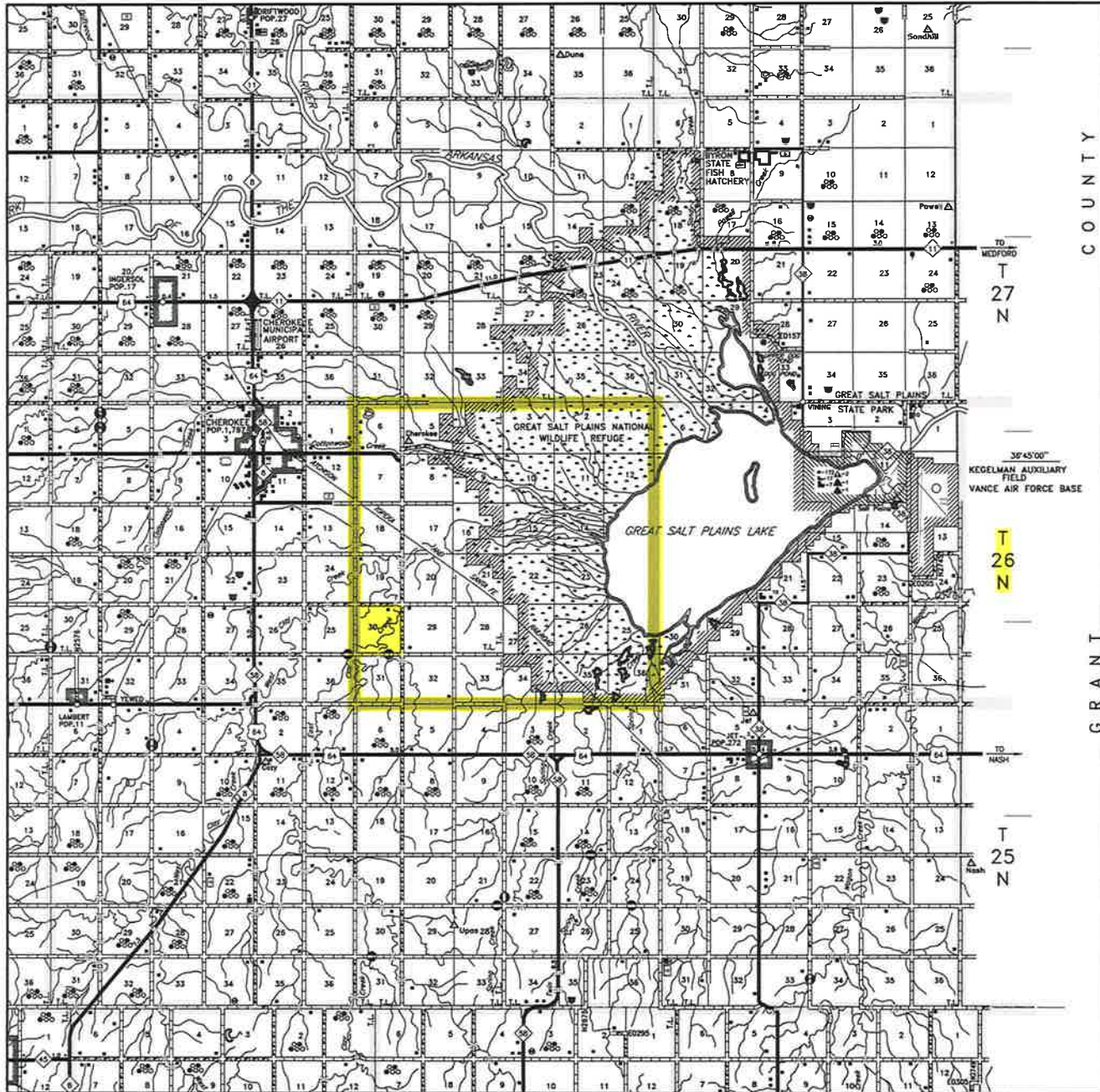
LAND SURVEYORS OF OKLAHOMA

May 14, 2018

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 30 Twp. 26N Rng. 10W IM

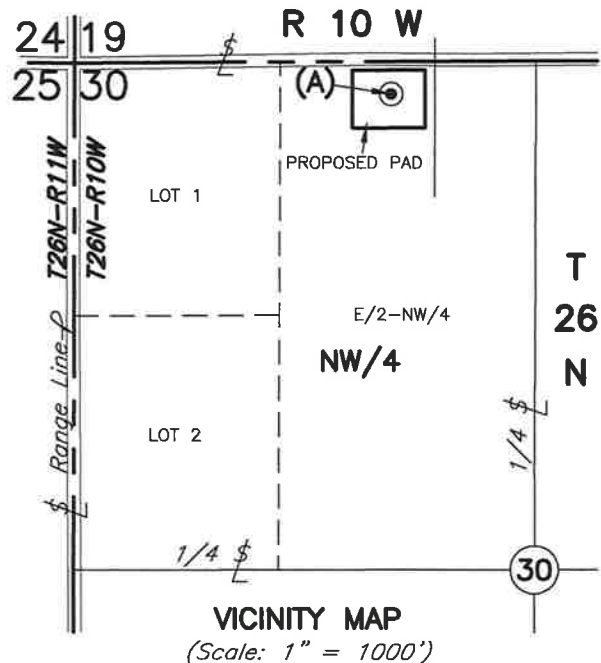
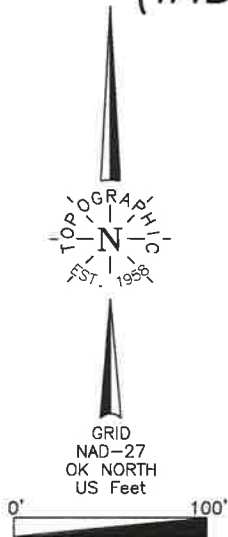
County ALFALFA State OK

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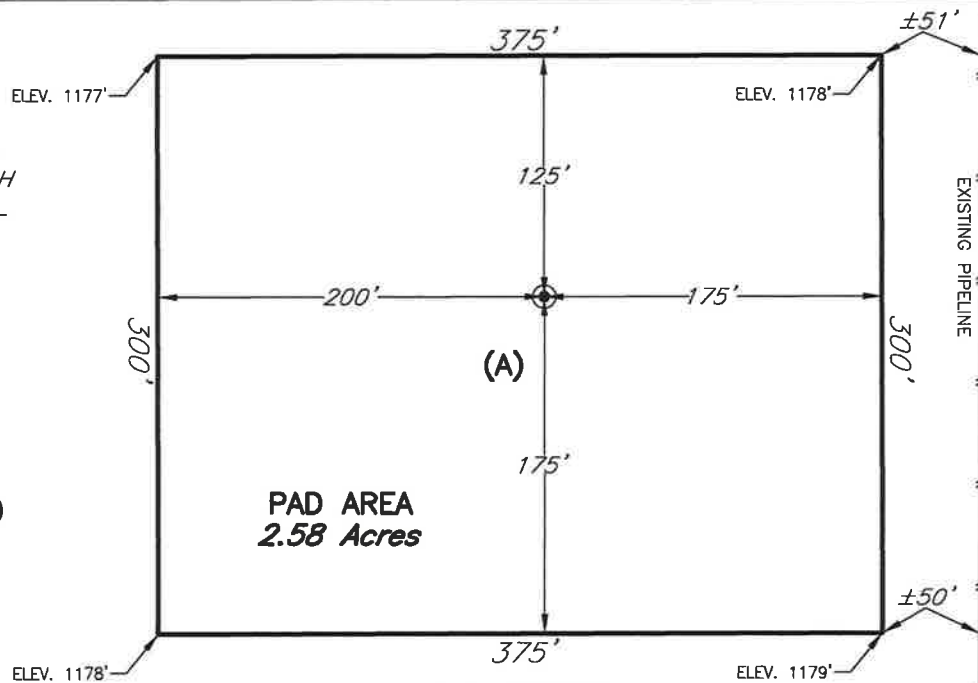
LAND SURVEYORS OF OKLAHOMA

T 26 N – R 10 W
(INDIAN MERIDIAN)



(A) MACH RESOURCES
JAY 30-26-10 2H
170'FNL-1640'FWL
Elev. 1177' Gr.

**SECTION 30
NW/4**



PLAT SHOWING

**PROPOSED PAD AREA IN THE
NW/4 OF SECTION 30, T26N – R10W
ALFALFA COUNTY, OKLAHOMA**

NOTE:

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for construction purposes ONLY.

				This plat was prepared exclusively for		SCALE: 1"=100'	
				MACH RESOURCES		DATE: 05-15-18	
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		INVOICE NO.: 292028	
NO. REVISION DATE BY				SURVEYING AND MAPPING BY		FILE NAME: L2010ADWG	
SUR. BY: DJ 05-14-18				TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA		DWG NO.: 113014-L2-010-A	
DRAWN BY: AC				13800 Wireless Way, Okla. City, OK, 73134 (405) 843-4847		SHEET 1 OF 1	
APPROVED BY: TH				Certificate of Authorization No. 1293 LS			