

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

API NUMBER: 003 23359

Approval Date: 01/30/2019

Expiration Date: 07/30/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 27N Rge: 12W

County: ALFALFA

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 225 1900

Lease Name: LICKLIDER 24-27-12

Well No: 2H

Well will be 225 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

LINDA K. LICKLIDER  
905 COMPOUND  
ENID OK 73703-

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5276	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 620046

Location Exception Orders: 689436

Increased Density Orders: 690503

Pending CD Numbers:

Special Orders:

Total Depth: 10242

Ground Elevation: 1219

**Surface Casing: 210**

Depth to base of Treatable Water-Bearing FM: 160

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: 18-35869  
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 24 Twp 27N Rge 12W 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: 5146

Radius of Turn: 495

Direction: 359

Total Length: 4318

Measured Total Depth: 10242

True Vertical Depth: 5335

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

12/29/2018 - 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](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)

INCREASED DENSITY - 690503

1/30/2019 - G58 - 24-27N-12W  
X620046 MSSP  
1 WELL  
BCE-MACH LLC  
1/28/2019

LOCATION EXCEPTION - 689436

1/30/2019 - G58 - (I.O.) 24-27N-12W  
X620046 MSSP  
X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO THE DIEL 2-24 WELL  
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FEL  
BCE-MACH LLC  
1/9/2019

SPACING - 620046

1/29/2019 - G58 - (640)(HOR) 24-27N-12W  
EXT 613932 MSSP  
COMPL. INT. NLT 660' FB  
(COEXIST SP. ORDER 553709 MSSCT, MSSLM)

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003 23359 LICKLIDER 24-27-12 2H

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

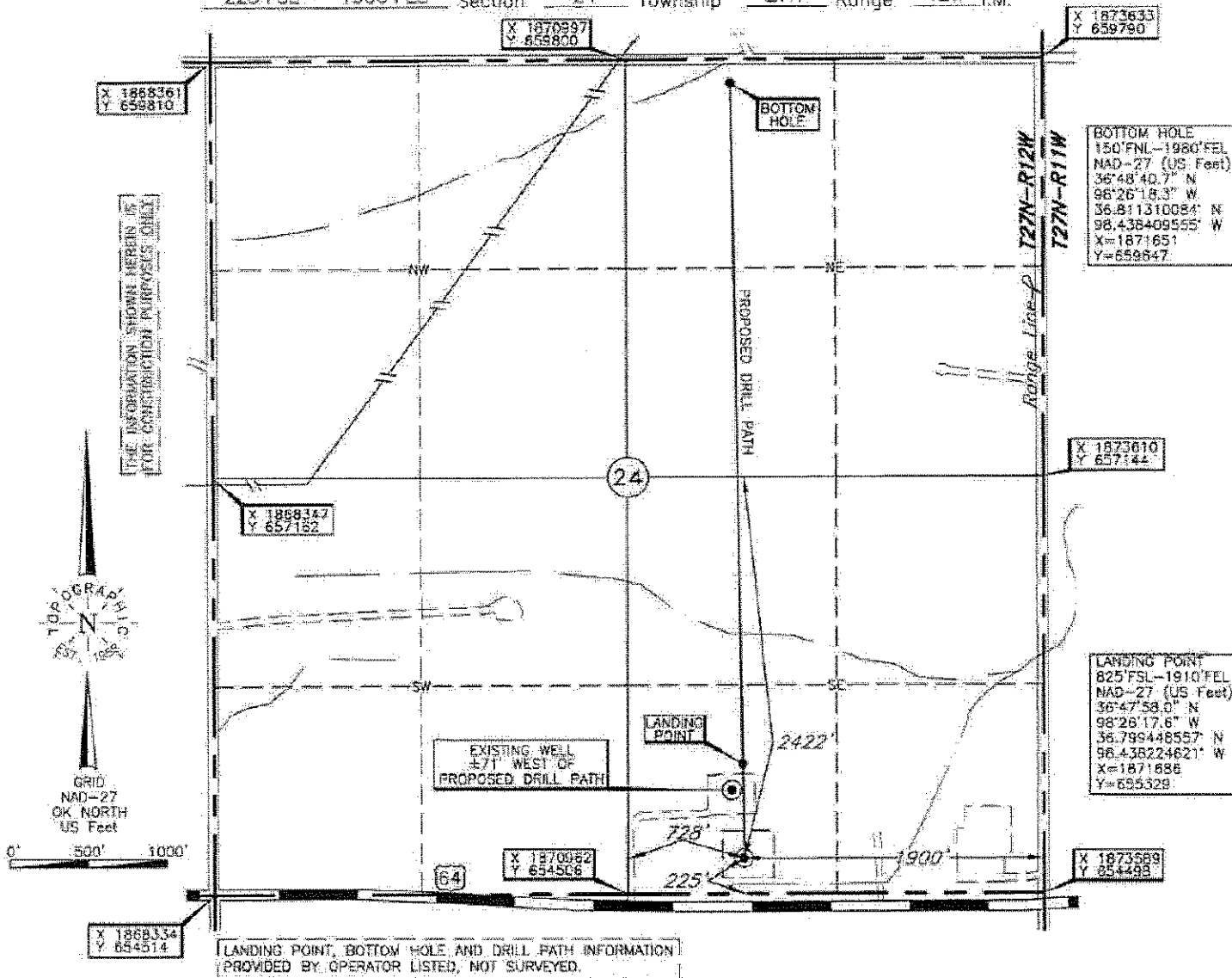
13800 Wireless Way, Okla. City, OK, 73134 (405) 843-4847 • OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

003-23359

ALFALFA

County, Oklahoma

225 FSL - 1900 FEL Section 24 Township 27N Range 12W I.M.



Operator: MACH RESOURCES

Lease Name: LICKLIDER 24-27-12

Well No.: 2H

ELEVATION:

1219' Gr. at Stake

Topography & Vegetation: Loc. fell in level wheat field, ±440' SE of existing well

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

Best Accessibility to Location: From South off US Hwy. 64

Distance & Direction: from Hwy Jct or Town From Ingersoll, OK, go ±2.25 mi. West on US Hwy. 64 to the SE Cor. of Sec. 24-T27N-R12W.

Date of Drawing: Dec. 04, 2018

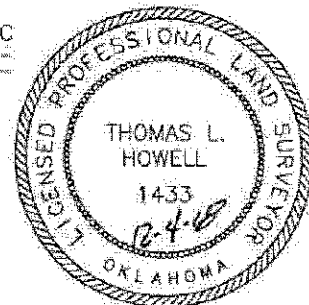
Invoice # 306840 Date Staked: Nov. 29, 2018

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 horizontal/vertical accuracy.

DATUM: NAD-27  
LAT: 36°47'52.1" N  
LONG: 98°26'17.5" W  
LAT: 36.797800698° N  
LONG: 98.438198934° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1871691  
Y: 654729