

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

API NUMBER: 003 23379

Approval Date: 06/10/2019

Expiration Date: 12/10/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 25N Rge: 12W County: ALFALFA  
SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 262 241

Lease Name: ROUSH 3-25-12 Well No: 2H Well will be 241 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

LAVONA ROUSH  
1300 S PENNSYLVANIA AVE.  
CHEROKEE OK 73728-

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5881	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 588157

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902728  
201902711

Special Orders:

Total Depth: 10600 Ground Elevation: 1340 Surface Casing: 450 Depth to base of Treatable Water-Bearing FM: 400

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: 5000

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: 19-36613  
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 03 Twp 25N Rge 12W County ALFALFA

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 5386

Radius of Turn: 547

Direction: 356

Total Length: 4355

Measured Total Depth: 10600

True Vertical Depth: 5940

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

5/21/2019 - 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)

PENDING CD - 201902711

6/10/2019 - GB1 - (I.O.) 3-25N-12W  
X588157 MSSP  
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL  
NO OP. NAMED  
REC. 6/3/2019 (P. PORTER)

PENDING CD - 201902728

6/10/2019 - GB1 - 3-25N-12W  
X588157 MSSP  
1 WELL  
NO OP. NAMED  
REC. 6/3/2019 (P. PORTER)

SPACING - 588157

6/10/2019 - GB1 - (640) 3-25N-12W  
VAC 154681 MSSSD  
EXT OTHER  
EST MSSP

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.

003 23379 ROUSH 3-25-12 2H

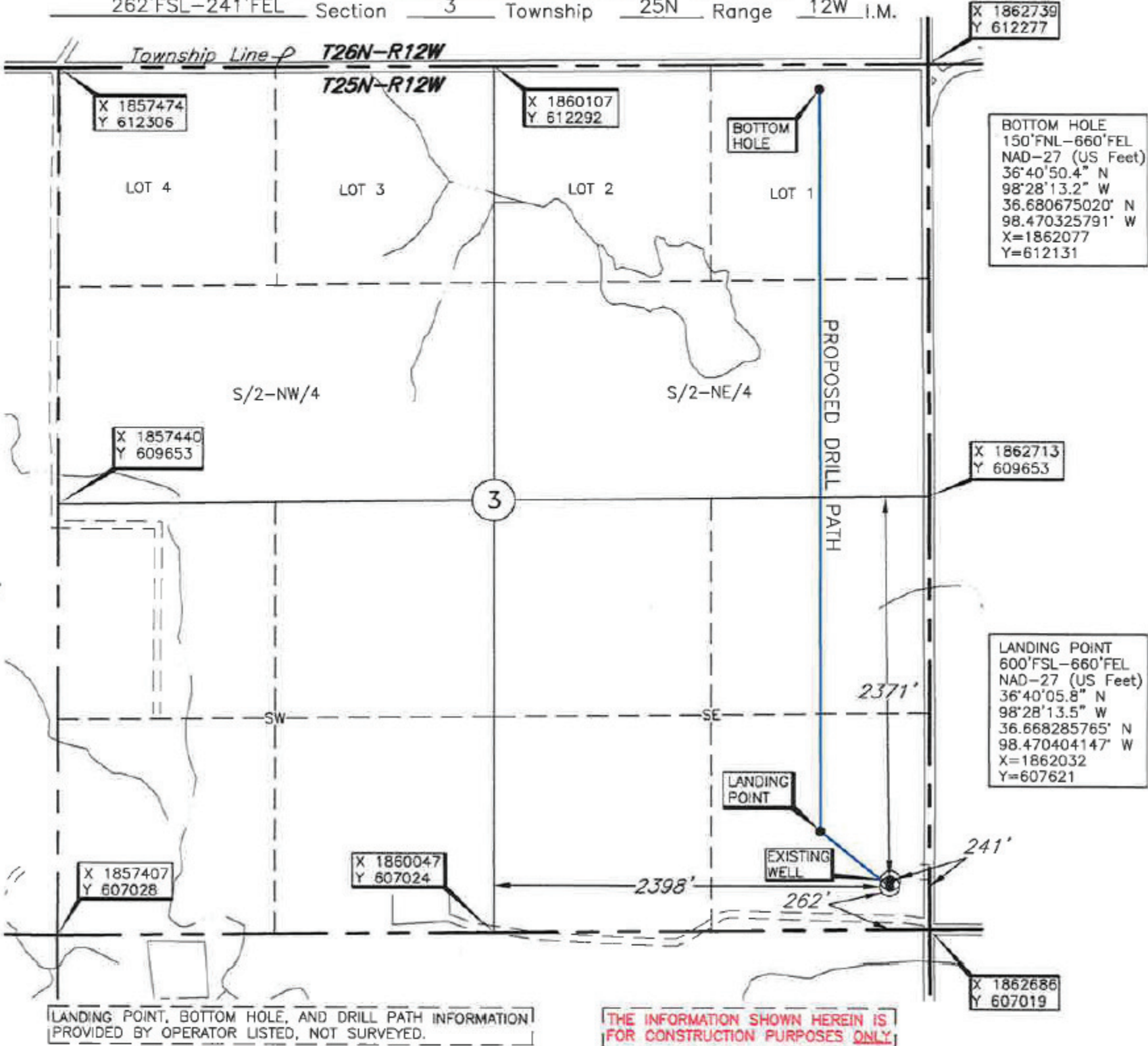
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

ALFALFA

County, Oklahoma

262'FSL-241'FEL Section 3 Township 25N Range 12W I.M.



Operator: MACH RESOURCES  
Lease Name: ROUSH 3-25-12 Well No.: 2H  
Topography & Vegetation Location on Level Pad; ±39' SW of existing wellhead  
Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None  
Best Accessibility to Location From East off county road  
Distance & Direction From Cherokee, Okla, go ±5 miles South, then ±6 miles West,  
then ±1 mile South to the SE Cor. of Sec. 3-T25N-R12W

DATUM: NAD-27  
LAT: 36°40'02.5"N  
LONG: 98°28'08.3"W  
LAT: 36.667361338° N  
LONG: 98.468981842° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1862448  
Y: 607282

Revision ☒ A Date of Drawing: May 6, 2019  
Project # 126175 Date Staked: May 4, 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.

Thomas L. Howell  
Oklahoma Lic. No. 1433

