

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

API NUMBER: 151 24536

Approval Date: 07/25/2018

Expiration Date: 01/25/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 29N Rge: 13W

County: WOODS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 400 1980

Lease Name: MOLZ 15-29-13

Well No: 2H

Well will be 400 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

MOLZ FARM INC.
P.O. BOX 164
KIOWA KS 67070

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	4865	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 586441

Location Exception Orders: 679900

Increased Density Orders: 679899

Pending CD Numbers:

Special Orders:

Total Depth: 9010

Ground Elevation: 1352

Surface Casing: 440

Depth to base of Treatable Water-Bearing FM: 190

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: 18-34551
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 15 Twp 29N Rge 13W County WOODS

Spot Location of End Point: N2 N2 NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 4446

Radius of Turn: 477

Direction: 360

Total Length: 3814

Measured Total Depth: 9010

True Vertical Depth: 4923

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

HYDRAULIC FRACTURING

7/13/2018 - 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 - 679899

7/25/2018 - G58 - 15-29N-13W
X586441 MSSLM
1 WELL
BCE-MACH LLC
7/2/2018

LOCATION EXCEPTION - 679900

7/25/2018 - G58 - (I.O.) 15-29N-13W
X586441 MSSLM
COMPL. INT. NCT 150' FSL, NCT 50' FNL, NCT 660' FWL
BCE-MACH LLC
7/2/2018

SPACING - 586441

7/25/2018 - G58 - (640)(HOR) 15-29N-13W
VAC 140386/281440 MSSLM
VAC OTHERS
EXT (640) OTHERS
EST (640)(HOR) MSSLM
COMPL. INT. NCT 660' FB

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151 24536 MOLZ 15-29-13 2H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

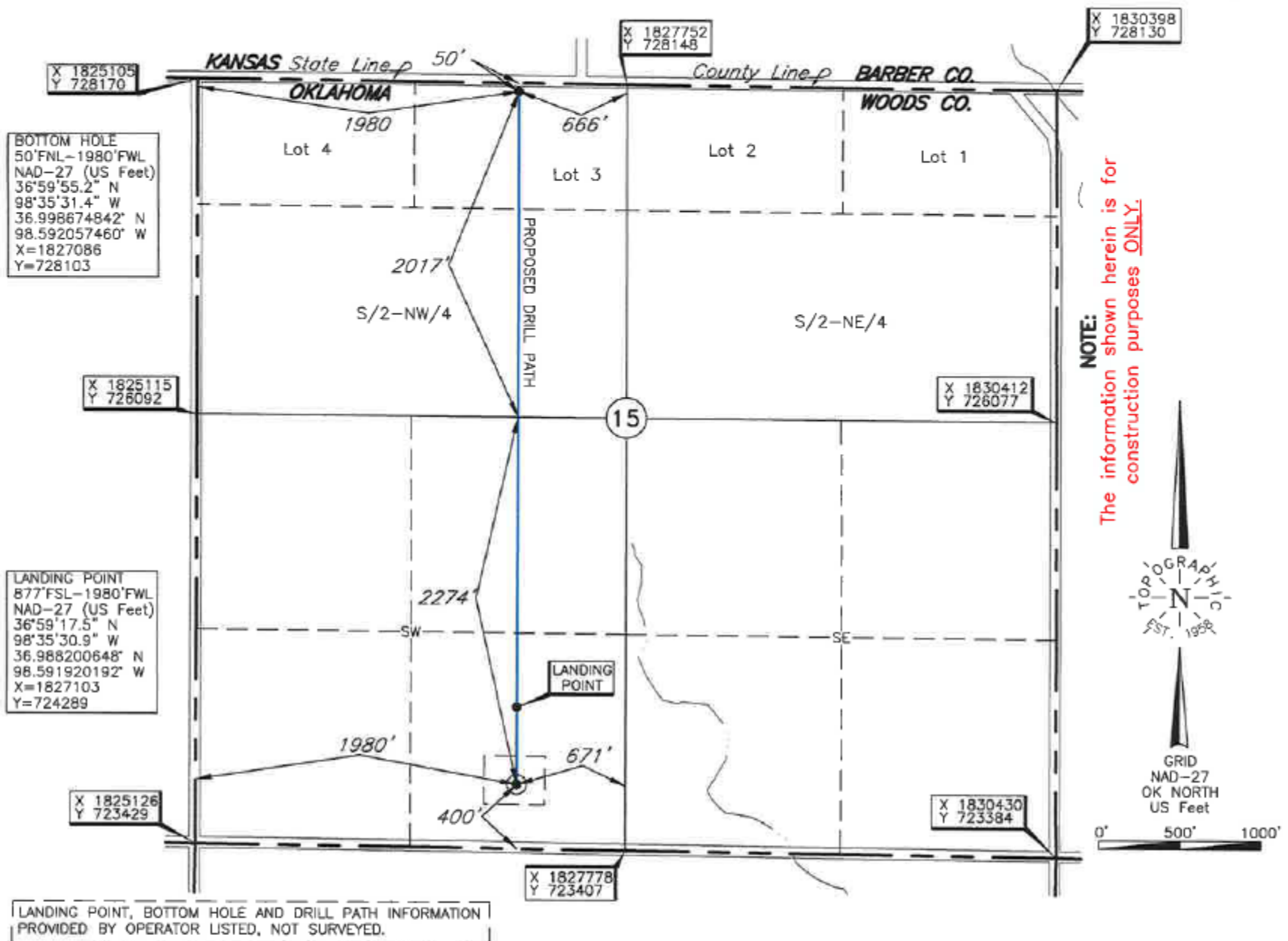
13800 Wireless Way, Okla. City, OK, 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

WOODS

County, Oklahoma

151-24536

400'FSL - 1980'FWL Section 15 Township 29N Range 13W I.M.



Operator: MACH RESOURCES

Lease Name: MOLZ 15-29-13

Well No.: 2H

ELEVATION:

1352' Gr. at Stake

Topography & Vegetation Loc. fell in level field, ±170' North of E-W gas pipeline

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 Alva, OK, go ±13.0 mi. North, then ±3.0 mi. East to the

SW Cor. of Sec. 15-T29N-R13W

Revision ☒ A

Date of Drawing: Jun. 28, 2018

Invoice # 293471

Date Staked: May. 10, 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°59'12.8"N
LONG: 98°35'30.9"W
LAT: 36.986890666° N
LONG: 98.591903028° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1827105
Y: 723812