

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

API NUMBER: 151 24561

Approval Date: 03/26/2019

Expiration Date: 09/26/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 27N Rge: 13W

County: WOODS

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 240 1827

Lease Name: DJ 17-27-13

Well No: 2H

Well will be 240 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

GENE & DEANNA JACKSON REVOCABLE LIVING TRUST
729 POPLAR STREET
ALVA OK 73717

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	5330	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 562103

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901525
201901345

Special Orders:

Total Depth: 10200

Ground Elevation: 1293

Surface Casing: 750

Depth to base of Treatable Water-Bearing FM: 700

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: 19-36276

H. CLOSED SYSTEM = STEEL PITS (REQUIRED - SALT CREEK OF ARKANSAS RIVER)

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 17 Twp 27N Rge 13W County WOODS

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: 5002

Radius of Turn: 562

Direction: 355

Total Length: 4315

Measured Total Depth: 10200

True Vertical Depth: 5405

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/13/2019 - 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: OCCWEB.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

PENDING CD - 201901345

3/26/2019 - G58 - (I.O.) 17-27N-13W

X562103 MSSLM

X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1320' FEL

NO OP. NAMED

REC 3/25/2019 (DENTON)

PENDING CD - 201901525

3/26/2019 - G58 - 17-27N-13W

X562103 MSSLM

1 WELL

NO OP. NAMED

REC 3/25/2019 (DENTON)

SPACING - 562103

3/26/2019 - G58 - (640) 17-27N-13W

EXT 134572 MSSLM, OTHERS

EXT OTHERS

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.

151 24561 DJ 17-27-13 2H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

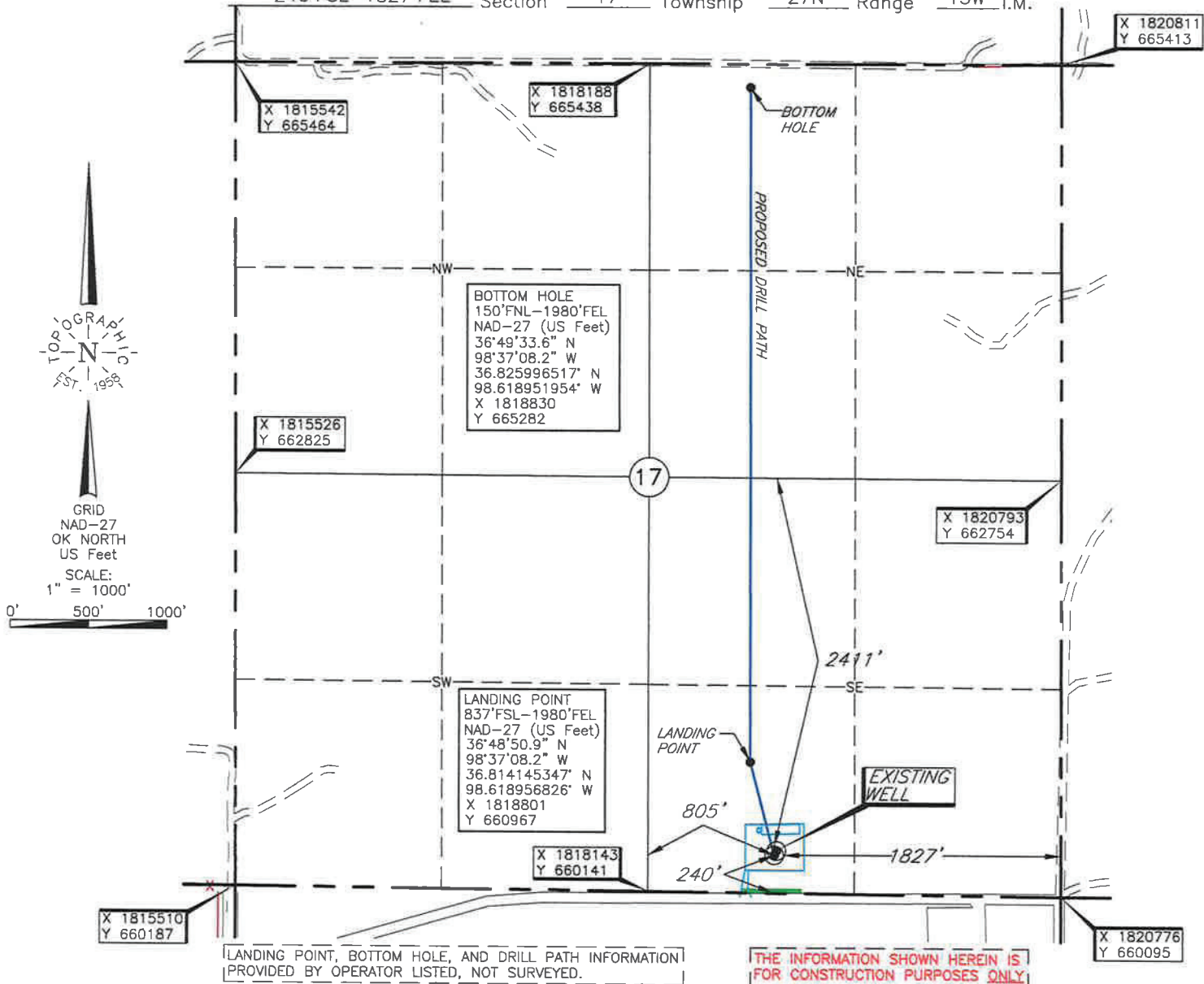
Certificate of Authorization No. 1293 LS

151-24561

WOODS

County, Oklahoma

240'FSL-1827'FEL Section 17 Township 27N Range 13W I.M.



Operator: MACH RESOURCES

Lease Name: DJ 17-27-13

Well No.: 2H

ELEVATION:

1293' Gr. at Level Pad

Topography & Vegetation Location fell on existing pad, ±32' SW of existing wellhead

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, Okla, go ±2 miles East, then ±1 mile North to the

SE Cor. of Sec. 17-T27N-R13W

Date of Drawing: Feb. 15, 2019

Project # 123953

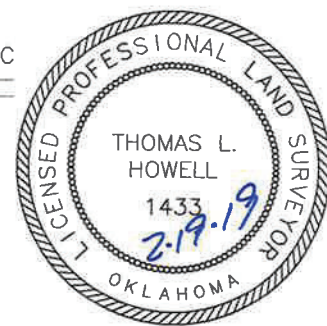
Date Staked: Feb. 14, 2019

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



DATUM: NAD-27
LAT: 36°48'45.0"N
LONG: 98°37'06.4"W
LAT: 36.812500013° N
LONG: 98.618434164° W
STATE PLANE COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1818950
Y: 660367

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