

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

API NUMBER: 151 24563

Approval Date: 04/11/2019

Expiration Date: 10/11/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 28N Rge: 18W

County: WOODS

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 300 1635

Lease Name: LONGPINE 24-28-18

Well No: 4H

Well will be 300 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

JAMES M. LONGPINE AND CHERYL L. LONGPINE  
2620 KELLY RD.  
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPI	5761	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 146316

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901813  
201901814

Special Orders:

Total Depth: 10603

Ground Elevation: 1858

**Surface Casing: 660**

Depth to base of Treatable Water-Bearing FM: 610

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: MARLOW

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36411

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 28N Rge 18W 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: 5457

Radius of Turn: 573

Direction: 357

Total Length: 4246

Measured Total Depth: 10603

True Vertical Depth: 5761

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

3/22/2019 - 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 - 201901813

4/2/2019 - G58 - 24-28N-18W  
X146316 MISS  
1 WELL  
NO OP. NAMED  
REC 4/8/2019 (THOMAS)

PENDING CD - 201901814

4/2/2019 - G58 - (I.O.) 24-28N-18W  
X146316 MISS  
X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL  
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 1320' FEL  
NO OP. NAMED  
REC 4/8/2019 (THOMAS)

SPACING - 146316

4/2/2019 - G58 - (640) 24-28N-18W  
EXT OTHERS  
EXT 62636 MISS, OTHER

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 24563 LONGPINE 24-28-18 4H

# 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

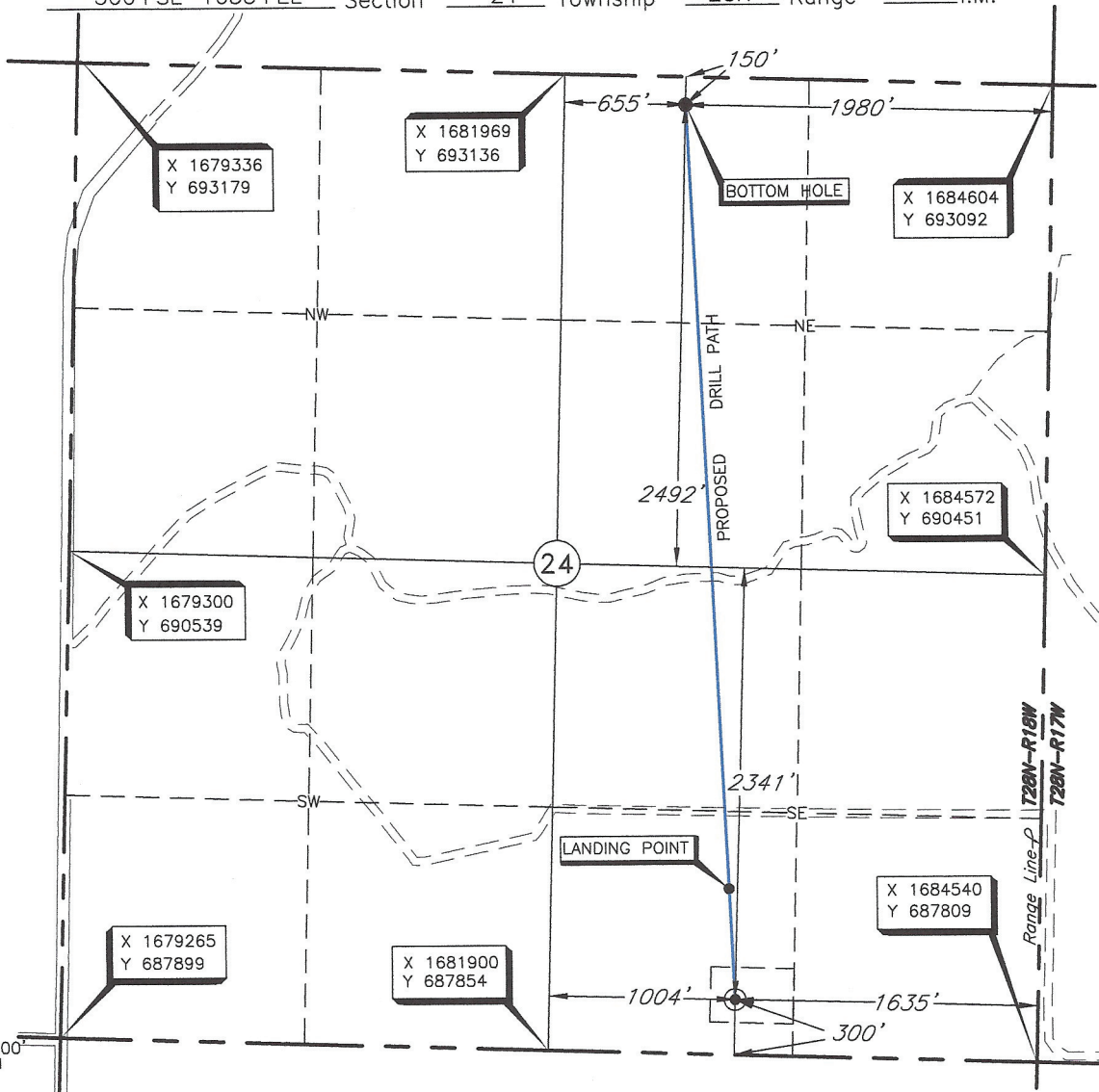
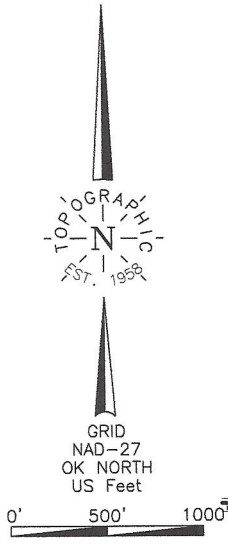
151-24563

WOODS

County, Oklahoma

300'FSL-1635'FEL Section 24 Township 28N Range 18W I.M.

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



BOTTOM HOLE  
150'FNL-1980'FEL  
NAD-27 (US Feet)  
36°53'55.6" N  
99°05'07.2"W  
36.898771785"N  
99.085321242"W  
X= 1682622  
Y= 692975

LANDING POINT  
898'FSL-1678'FEL  
NAD-27 (US Feet)  
36°53'13.7"N  
99°05'03.5"W  
36.887136703"N  
99.084301915"W  
X= 1682873  
Y= 688736

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

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

Operator: MACH RESOURCES

Lease Name: LONGPINE 24-28-18

Well No.: 4H

## ELEVATION:

1858' Gr. at Stake

Topography & Vegetation LOC. FELL IN TERRACED GRASS PASTURE

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

Best Accessibility to Location FROM SOUTH OFF LEASE ROAD

Distance & Direction  
from Hwy Jct or Town FROM CAMP HOUSTON, OK- GO NORTH 5 MILES, THEN GO EAST 1.0 MILES THEN EAST ON LEASE ROAD ±1 MILES TO SE CORNER 24-T28N-R18W

Revision ☒ A

Date of Drawing: Dec. 4, 2018

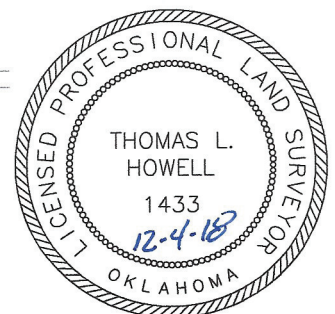
Invoice # 306782

Date Staked: Nov. 15, 2018

## 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°53'07.8" N  
LONG: 99°05'03.0" W  
LAT: 36.885492834° N  
LONG: 99.084157924° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: NORTH  
X: 1682908  
Y: 688137