

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

API NUMBER: 151 24556

Approval Date: 01/29/2019
Expiration Date: 07/29/2020

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 1485

Lease Name: LONGPINE 24-28-18 Well No: 3H 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: 690240

Increased Density Orders:

Pending CD Numbers: 201900200

Special Orders:

Total Depth: 10608

Ground Elevation: 1860

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

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35285

H. CLOSED SYSEM = 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 NE NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 5561

Radius of Turn: 477

Direction: 10

Total Length: 4298

Measured Total Depth: 10608

True Vertical Depth: 5761

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

Notes:

Category	Description
HYDRAULIC FRACTURING	<p>1/16/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
LOCATION EXCEPTION - 690240	<p>1/29/2019 - G58 - (I.O.) 24-28N-18W X146316 MISS X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO BEEHIVE 1-24 WELL COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL BCE-MACH LLC 1/23/2019</p>
PENDING CD - 201900200	<p>1/29/2019 - G58 - 24-28N-18W X146316 MISS 1 WELL NO OP. NAMED HEARING 1/28/2019</p>
SPACING - 146316	<p>1/29/2019 - G58 - (640) 24-28N-18W EXT OTHERS EXT 62636 MISS, OTHER</p>

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.

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

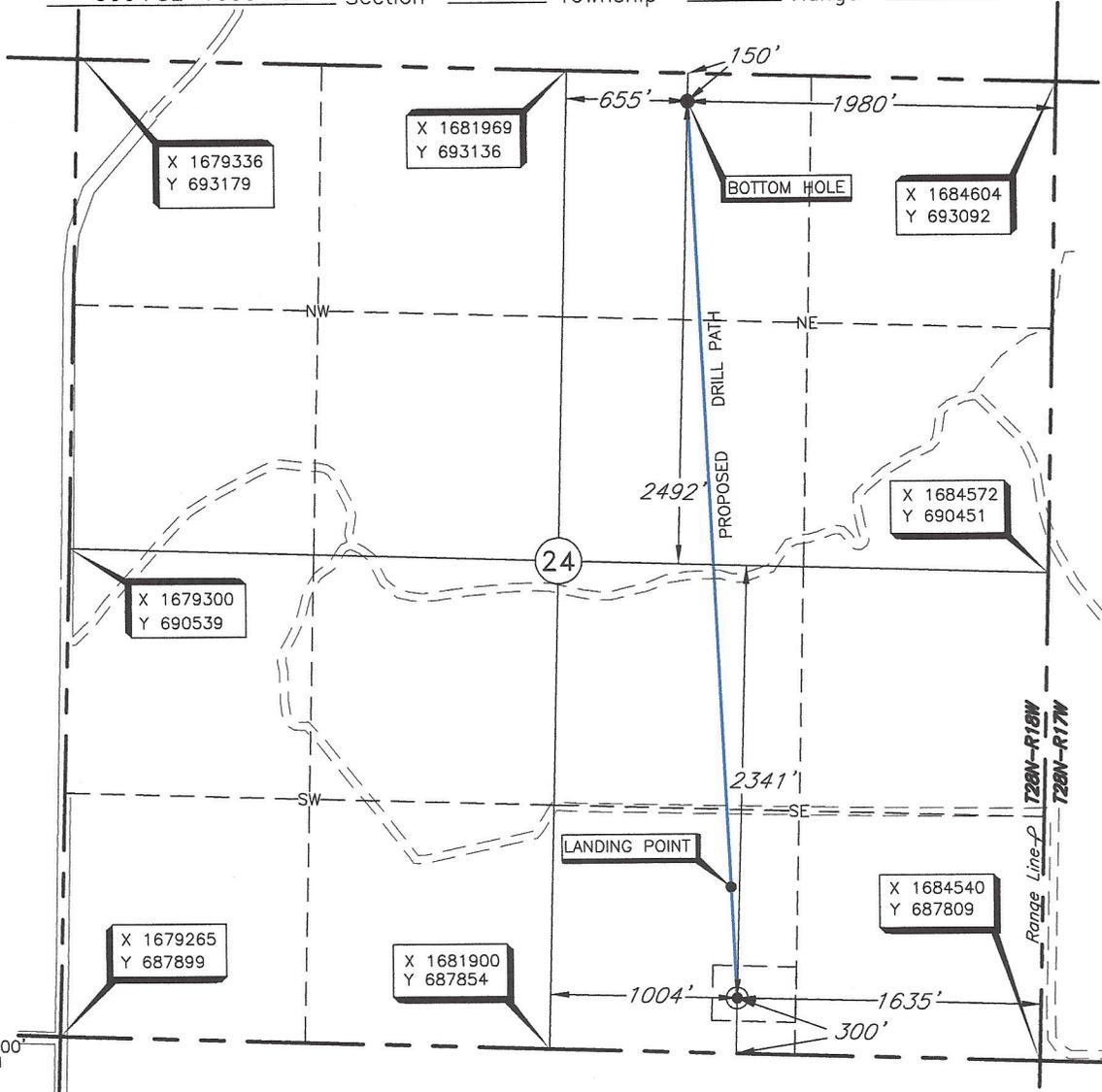
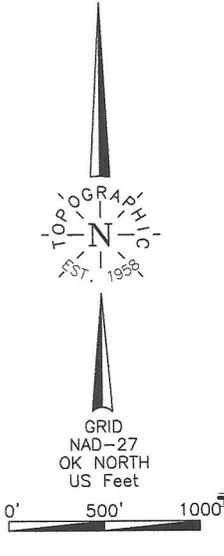
151-24556

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

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

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

