

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

API NUMBER: 151 24558

Approval Date: 03/08/2019

Expiration Date: 09/08/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 24N Rge: 14W County: WOODS
SPOT LOCATION: ☐ SE ☐ SE ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 180 2540

Lease Name: LARRY 9-24-14 Well No: 1H Well will be 180 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

LARRY D. HILL AND CHRISTINA M. HILL
10867 CR 430
CARMEN OK 73726

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901343
201901344

Special Orders:

Total Depth: 11723 Ground Elevation: 1599 Surface Casing: 110 Depth to base of Treatable Water-Bearing FM: 60

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FLOWERPOT

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36310
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 09 Twp 24N Rge 14W 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: 5921

Radius of Turn: 817

Direction: 6

Total Length: 4518

Measured Total Depth: 11723

True Vertical Depth: 6470

End Point Location from Lease,

Unit, or Property Line: 150

Notes:

Category

Description

HYDRAULIC FRACTURING

3/5/2019 - 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; 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 - 201901343

3/8/2019 - G58 - (E.O.)(640)(HOR) 9-24N-14W
VAC 129057 MISS
VAC 126064 CSTR
EST MSSP
COMPL. INT. NLT 660' FB
REC 3/8/2019 (DENTON)

PENDING CD - 201901344

3/8/2019 - G58 - (E.O.) 9-24N-14W
X201901343 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 1320' FEL
NO OP. NAMED
REC 3/8/2019 (DENTON)

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

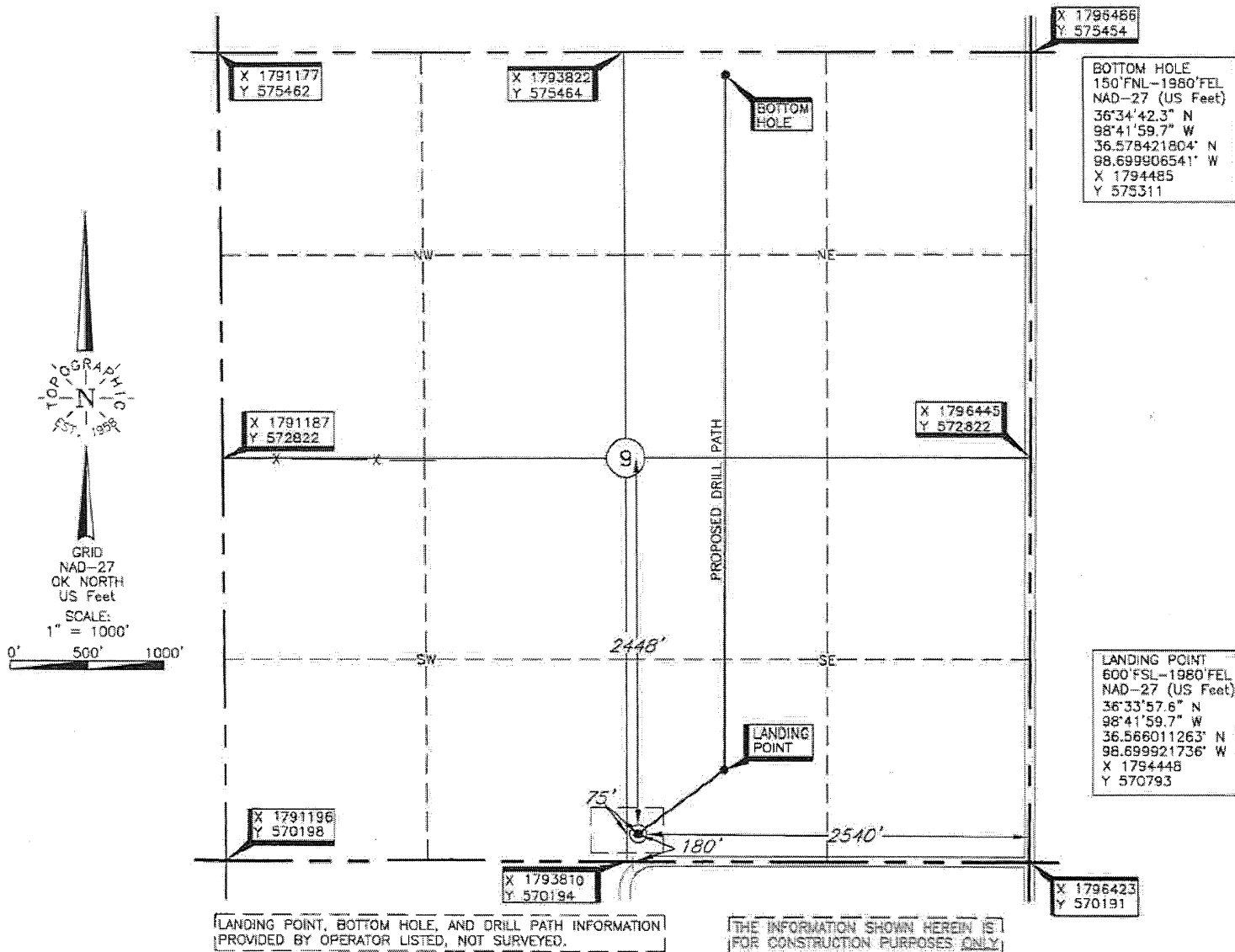
13800 Wireless Way, Okla. City, OK. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

151-24558

WOODS

County, Oklahoma

180'FSL-2540'FEL Section 9 Township 24N Range 14W I.M.



Operator: MACH RESOURCES

Lease Name: LARRY 9-24-14

Well No.: 1H

ELEVATION:

1599' Gr. at Stake

Topography & Vegetation Location fell in level grass pasture

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 Waynoka, Ok, go ±10 miles East, then ±2 miles South,
then ±0.5 mile West to the S/4 Cor. of Sec. 9-T24N-R14W

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

DATUM: NAD-27
LAT: 36°33'53.5"N
LONG: 98°42'06.6"W
LAT: 36.564848002' N
LONG: 98.701829488' W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1793885
Y: 570374

Project #124305 Date of Drawing: Feb. 28, 2019
Date Staked: Feb. 26, 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

