

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

API NUMBER: 151 24528

Approval Date: 05/11/2018

Expiration Date: 11/11/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 27N Rge: 13W County: WOODS
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 165 1980

Lease Name: MURROW 3-27-13 Well No: 2H Well will be 165 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

FRANKLIN D. MURROW
1002 BARNES
ALVA OK 73717

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

Name	Depth	Name	Depth
1	MISSISSIPPI	5265	6
2			7
3			8
4			9
5			10

Spacing Orders: 569210 Location Exception Orders: Increased Density Orders:
Pending CD Numbers: 201803284 Special Orders:
201803285

Total Depth: 10081 Ground Elevation: 1286 Surface Casing: 620 Depth to base of Treatable Water-Bearing FM: 550

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34472
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 03 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: 4851

Radius of Turn: 477

Direction: 360

Total Length: 4481

Measured Total Depth: 10081

True Vertical Depth: 5327

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/11/2018 - 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

PENDING CD - 201803284

5/11/2018 - G75 - 3-27N-13W
X569210 MISS
1 WELL
NO OP. NAMED
HEARING 5-14-2018

PENDING CD - 201803285

5/11/2018 - G75 - (E.O.) 3-27N-13W
X569210 MISS
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 1320 FEL OR FWL
BCE-MACH LLC
REC 5-11-2018 (P. PORTER)

SPACING - 569210

5/11/2018 - G75 - (640) 3-27N-13W
EXT 557694 MISS, 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 24528 MURROW 3-27-13 2H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

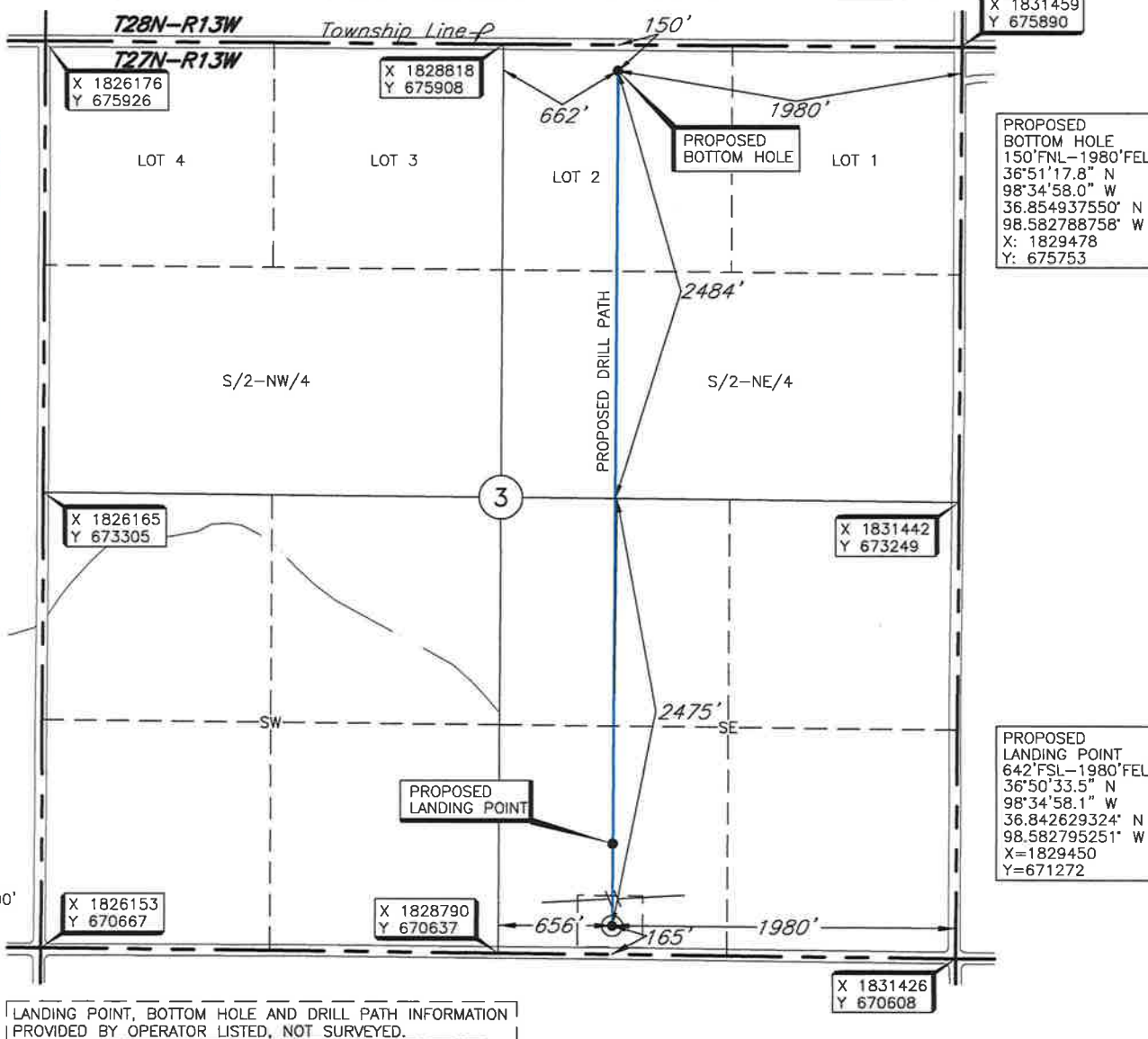
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

API 151-24528

WOODS

County, Oklahoma

165'FSL - 1980'FEL Section 3 Township 27N Range 13W I.M.



Operator: MACH RESOURCES

Lease Name: MURROW 3-27-13

Well No.: 2H

ELEVATION:

1286' Gr. at Stake

Topography & Vegetation Loc. fell on dirt pad under construction, ±156' South of NE-SW 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 ±3.0 m. North, then ±3.5 mi. East to the
S/4 Cor. of Sec. 3-T27N-R13W.

DATUM: NAD-27
LAT: 36°50'28.7"N
LONG: 98°34'58.1"W
LAT: 36.841319194° N
LONG: 98.582795939° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1829447
Y: 670795

Invoice # 293573 Date of Drawing: May 10, 2018
Date Staked: May. 07, 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

