

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

API NUMBER: 003 23385

Approval Date: 09/18/2019

Expiration Date: 03/18/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 26N Rge: 12W County: ALFALFA  
SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 242 641

Lease Name: CLIFFORD 36-26-12 Well No: 4H Well will be 242 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

RICHTER ENTERPRISES, LLC  
6612 OAK VIEW ROAD  
EDMOND OK 73025

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5645	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 604788

Location Exception Orders: 700577

Increased Density Orders: 702119

Pending CD Numbers:

Special Orders:

Total Depth: 10716 Ground Elevation: 1262 Surface Casing: 290 Depth to base of Treatable Water-Bearing FM: 240

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36809  
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 18 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 36 Twp 26N Rge 12W County ALFALFA

Spot Location of End Point: SE SE SW SE

Feet From: SOUTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 1590

Depth of Deviation: 5342

Radius of Turn: 462

Direction: 191

Total Length: 4648

Measured Total Depth: 10716

True Vertical Depth: 5735

End Point Location from Lease,

Unit, or Property Line: 150

Additional Surface Owner	Address	City, State, Zip
HENRY TIDWELL AND DEE ANN TID	1018 S. GRAND AVE.	CHEROKEE, OK 73728

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

8/15/2019 - 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)

INCREASED DENSITY - 702119

9/18/2019 - GB6 - 36-26N-12W  
X604788/606517 MSSP  
1 WELL  
BCE-MACH LLC  
9/12/2019

LOCATION EXCEPTION - 700577

9/18/2019 - GB6 - (I.O.) 36-26N-12W  
X604788/606517 MSSP  
X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO GARRETT 36-26-12 1H  
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 660' FEL  
BCE-MACH LLC  
REC 8/5/2019 (P. PORTER)

NO DEEP SURFACE CASING

8/15/2019 - G71 - NO DSC - SURFACE HOLE PROBLEMS IN 30, 31, &35-26N-12W (HIGH RISK AREA)

SPACING - 604788

9/18/2019 - GB6 - (640) 36-26N-12W  
VAC 485007 MSSCH, MPLM, OTHER  
AMD OTHERS  
EXT OTHER  
EXT 602072 MSSP

SPACING - 606517

9/18/2019 - GB6 - (640) 36-26N-12W  
X604788 MSSP, OTHERS  
CONFIRMS SP. ORDER #604788

This permit does not address the right of entry or settlement of surface damages.

003 23385 CLIFFORD 36-26-12 4H

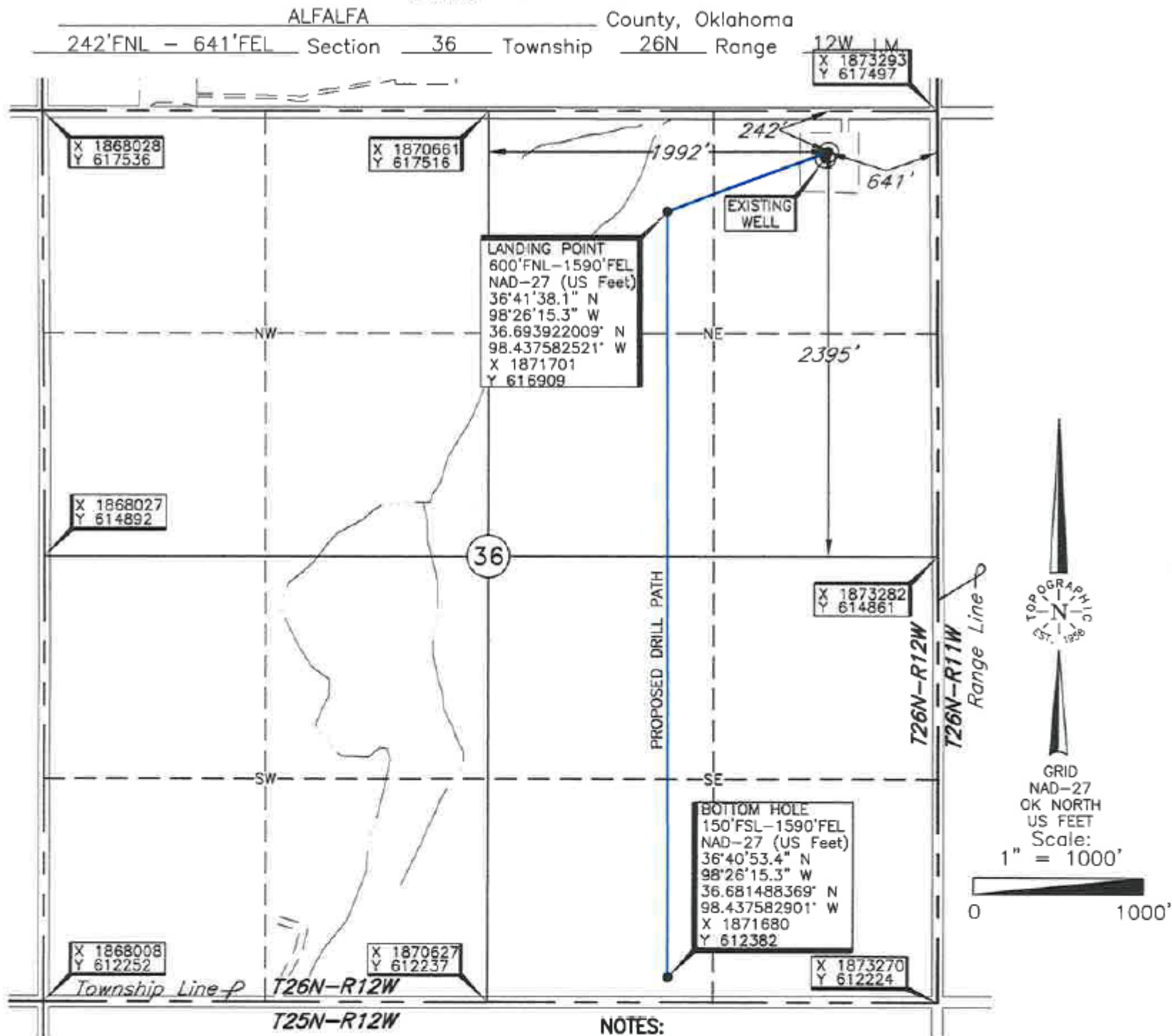
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

35-003-23385



Operator: BCE-MACH LLC

Lease Name: CLIFFORD 36-26-12

Well No.: 4H

Topography & Vegetation Loc. fell on level pad, ±43' NE of existing well

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 Cherokee, OK, go ±5.0 mi. West, then ±4.0 mi. South, then ±1.0 mi. East to  
the NE Cor. of Sec. 36-T26N-R12W

Revision ☒ A

Date of Drawing: Jul. 31, 2019

Project # 128531 Date Staked: Jul. 26, 2019

AC

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

DATUM: NAD-27  
LAT: 36°41'41.6"N  
LONG: 98°26'03.6"W  
LAT: 36.694897748° N  
LONG: 98.434345729° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1872651  
Y: 617260

## 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

