

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

API NUMBER: 003 23331

Approval Date: 08/23/2018

Expiration Date: 02/23/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 25N Rge: 11W County: ALFALFA
SPOT LOCATION: ☐ SW ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 280 2435

Lease Name: RICHTER 6-25-11 Well No: 3H Well will be 280 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, L.L.C.
6612 OAK VIEW ROAD
EDMOND OK 73025

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5913	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 510390 Location Exception Orders: 681586 Increased Density Orders: 681585

Pending CD Numbers: Special Orders:

Total Depth: 10679 Ground Elevation: 1275 Surface Casing: 490 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 BED AQUIFER

Pit Location Formation: CEDAR HILLS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35131
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 06 Twp 25N Rge 11W County ALFALFA

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 2475

Depth of Deviation: 5310

Radius of Turn: 635

Direction: 1

Total Length: 4372

Measured Total Depth: 10679

True Vertical Depth: 5913

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

Notes:

Category

Description

HYDRAULIC FRACTURING

8/15/2018 - 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

INCREASED DENSITY - 681585

8/23/2018 - G58 - 6-25N-11W
X510390 MSSP
1 WELL
BCE-MACH LLC
8/16/2018

LOCATION EXCEPTION - 681586

8/23/2018 - G58 - (I.O.) 6-25N-11W
X510390 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 1320' FEL
BCE-MACH LLC
8/16/2018

SPACING - 510390

8/23/2018 - G58 - (640) 6-25N-11W
AMEND 139358/314615 MSSLM IS MSSP
AMEND OTHER
EST OTHER
EXT OTHERS

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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.

003 23331 RICHTER 6-25-11 3H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK, 73134 (405) 643-4847 • OUT OF STATE (800) 654-3219

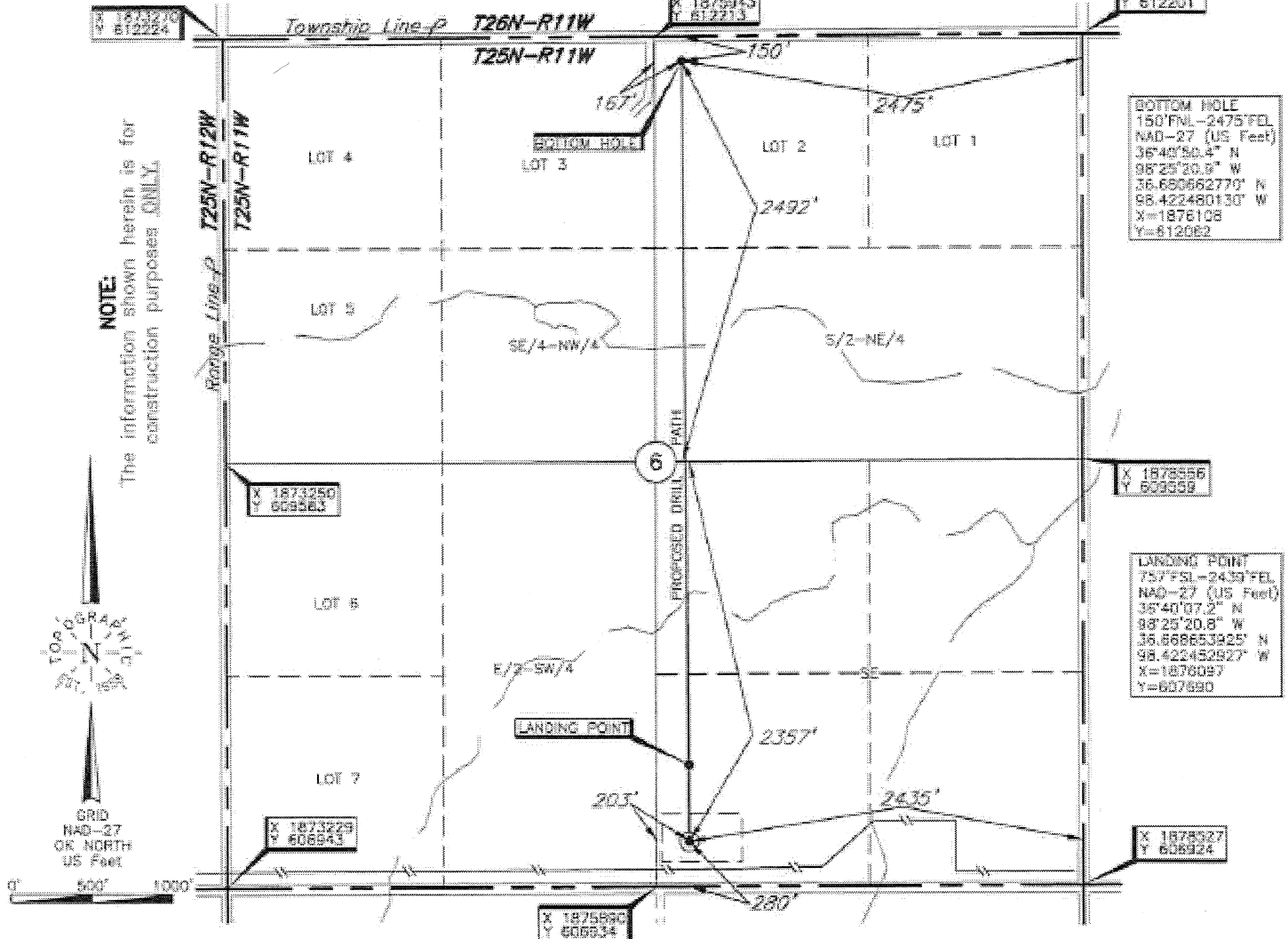
Certificate of Authorization No. 1293 LS

ALFALFA

County, Oklahoma

003-23331

280' FSL - 2435' FEL Section 6 Township 25N Range 11W I.M.



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

Operator: MACH RESOURCES

Lease Name: RICHTER 6-25-11

Well No.: 3H

ELEVATION:

1275' Gr. at Stake

Topography & Vegetation: Loc. fell in sloped field, ±170' North of E-W gas 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 Cherokee, OK, go ±5.0 mi. South, then ±3.0 mi. West,
then ±1.0 mi. South to the SE Cor. of Sec. 6-T25N-R11W

DATUM: NAD-27
LAT: 36°40'02.4"N
LONG: 98°25'20.8"W
LAT: 36.667343718° N
LONG: 98.422449960° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1876096
Y: 607213

Invoice # 293506

Date of Drawing: Jun. 11, 2018

Date Staked: Jun. 07, 2018

AC

CERTIFICATE:

I, Thomas L. Howell, on 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

