

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

API NUMBER: 003 23384

Approval Date: 09/12/2019
Expiration Date: 03/12/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 26N Rge: 11W County: ALFALFA
SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 275 1955

Lease Name: STATE 33-26-11 Well No: 3H Well will be 275 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

COMMISSIONERS OF THE LAND OFFICE
204 N ROBINSON AVE SUITE 900
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5577	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 594543 Location Exception Orders: 691056 Increased Density Orders: 691055

Pending CD Numbers: Special Orders:

Total Depth: 10551 Ground Elevation: 1243 Surface Casing: 460 Depth to base of Treatable Water-Bearing FM: 410

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: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36081
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 33 Twp 26N Rge 11W County ALFALFA

Spot Location of End Point: S2 S2 SE SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 5173

Radius of Turn: 522

Direction: 180

Total Length: 4558

Measured Total Depth: 10551

True Vertical Depth: 5695

End Point Location from Lease,

Unit, or Property Line: 0

Notes:

Category

Description

HYDRAULIC FRACTURING

8/28/2019 - 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

INCREASED DENSITY - 691055

9/11/2019 - GC4 - 33-26N-11W
X594543 MSSP
1 WELL
BCE-MACH LLC
2-6-2019

LOCATION EXCEPTION - 691056

9/11/2019 - GC4 - (I.O.) 33-26N-11W
X594543 MSSP
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 1320' FEL
BCE- MACH LLC
2/6/2019

SPACING - 594543

9/11/2019 - GC4 - (640) 33-26N-11W
VAC 286744 MSSCT, MSSLM
EST MSSP
EXT OTHER

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

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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 23384 STATE 33-26-11 3H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

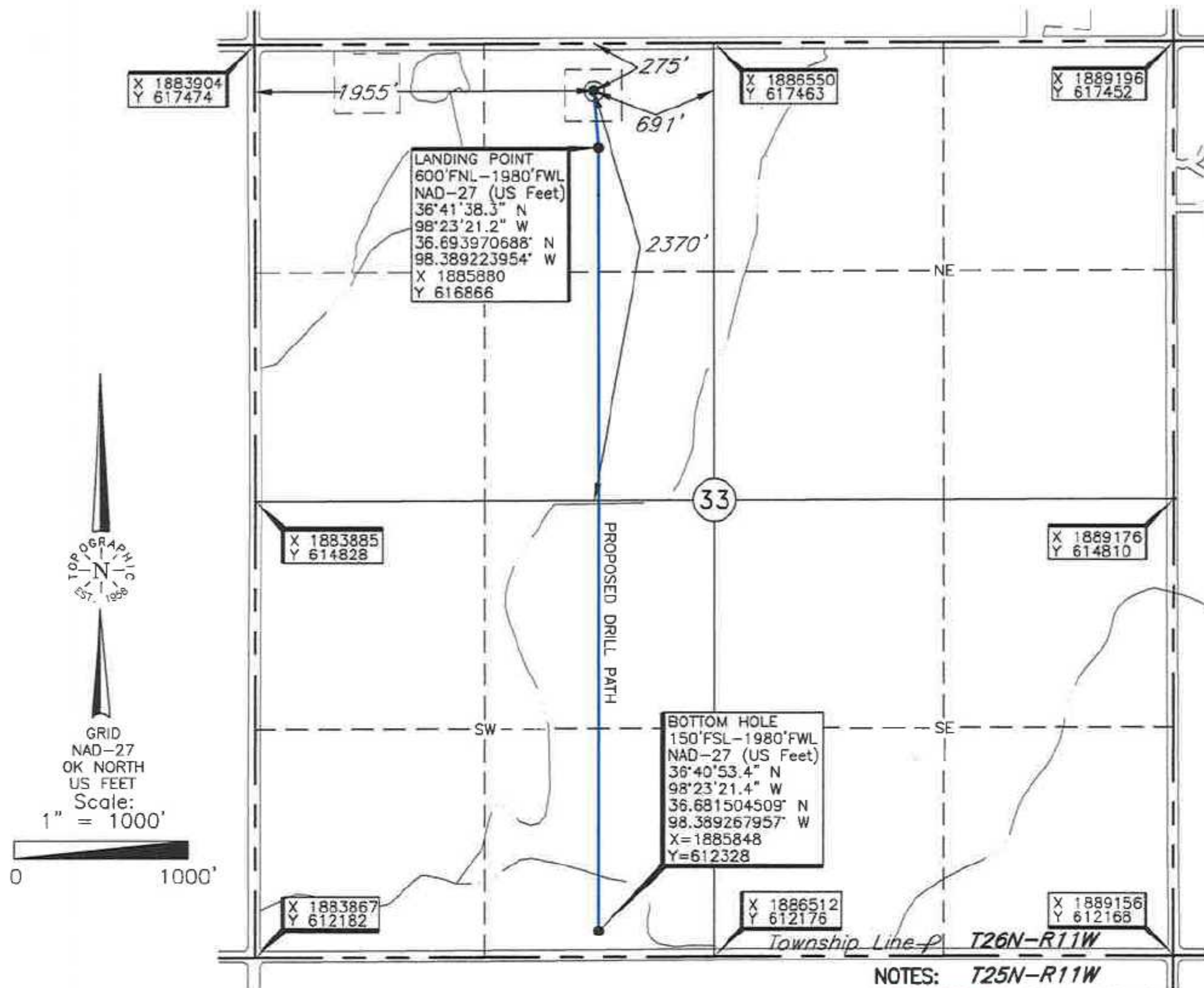
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

API: 00323384

ALFALFA

County, Oklahoma

275'FNL - 1955'FWL Section 33 Township 26N Range 11W I.M.



NOTES: T25N-R11W

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
- LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: BCE-MACH LLC

Lease Name: STATE 33-26-11

Well No.: 3H

ELEVATION:

1243' Gr. at Stake

Topography & Vegetation Loc. fell on sloped hilltop, in hay field, ±200' South of E-W pipeline

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction

from Hwy Jct or Town From Cherokee, OK, go ±4.0 mi. South, then ±2.0 mi. West to
the NW Cor. of Sec. 33-T26N-R11W

DATUM: NAD-27
LAT: 36°41'41.5"N
LONG: 98°23'21.5"W
LAT: 36.694863266° N
LONG: 98.389305991° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1885857
Y: 617191

Date of Drawing: Aug. 07, 2019
Invoice # 128784 Date Staked: Aug. 06, 2019

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

