

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

API NUMBER: 003 23320

Approval Date: 06/07/2018
Expiration Date: 12/07/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 25N Rge: 11W County: ALFALFA
SPOT LOCATION: NE NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 215 1275

Lease Name: GOODWIN 5-25-11 Well No: 2H Well will be 215 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

PARTHENA MCCRADY TRUST
PO BOX 3448
ENID OK 73702

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5800	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 510390

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803889
201803890

Special Orders:

Total Depth: 11041

Ground Elevation: 1281

Surface Casing: 590

Depth to base of Treatable Water-Bearing FM: 340

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34532

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 05 Twp 25N Rge 11W County ALFALFA

Spot Location of End Point: N2 N2 NE NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 5374

Radius of Turn: 509

Direction: 8

Total Length: 4868

Measured Total Depth: 11041

True Vertical Depth: 5850

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/16/2018 - 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 - 201803889

5/29/2018 - G58 - 5-25N-11W
X510390 MSSP
1 WELL
NO OP. NAMED
REC 6/5/2018 (DENTON)

PENDING CD - 201803890

5/29/2018 - G58 - (E.O.) 5-25N-11W
X510390 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 660' FWL
NO OP. NAMED
REC 6/5/2018 (DENTON)

SPACING - 510390

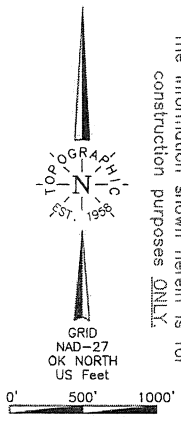
5/29/2018 - G58 - (640) 5-25N-11W
VAC OTHER
AMD OTHERS
EST OTHER
EXT OTHERS
AMD 344860 CHANGING MPMC TO MSSP

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

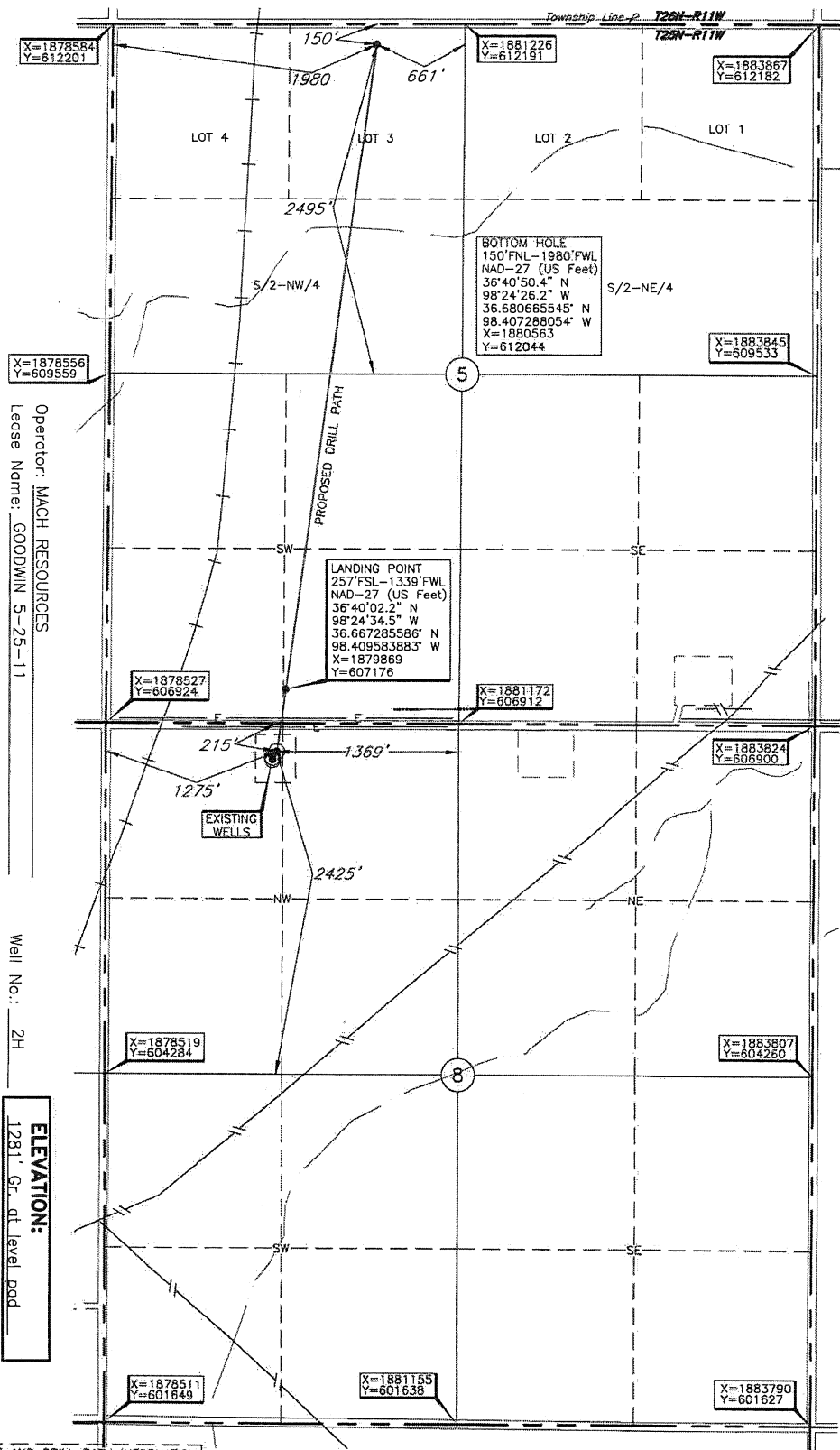
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

003-23320

ALFALFA County, Oklahoma
 215'FNL - 1275'FWL Section 8 Township 25N Range 11W I.M.



NOTE:
 The information shown herein is for construction purposes ONLY.



Operator: MACH RESOURCES
 Lease Name: GOODWIN 5-25-11
 Topography & Vegetation Loc. fell on level pod, NE of existing wells
 Well No.: 2H
 ELEVATION: 1281' Gr. at level pod

Good Drill Site? Yes
 Reference Stakes or Alternate Location
 Stakes Set None

Best Accessibility to Location From North of county road
 Distance & Direction
 from Hwy Jet or Town From Lambert, OK, go ±0.5 mi. East, then ±1.0 mi. South
 to the NW Cor. of Sec. 8-T25N-R11W

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

Information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy
 DATUM: NAD-27
 LAT: 36°39'57.6"N
 LONG: 98°24'35.3"W
 LAT: 36.665987714° N
 LONG: 98.409806538° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1879802
 Y: 606703

Date of Drawing: Apr. 23, 2018
 Invoice # 291985 Date Staked: Apr. 19, 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

