

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

API NUMBER: 003 23376

Approval Date: 05/16/2019

Expiration Date: 11/16/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 25N Rge: 11W County: ALFALFA
SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 126 1988

Lease Name: RBS FAMILY 12-25-11 Well No: 3H Well will be 126 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

RBS FAMILY COMPANY, L.L.C.
6710 W 36TH PLACE
WHEAT RIDGE CO 80033

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5700	6
2			7
3			8
4			9
5			10

Spacing Orders: 622603

Location Exception Orders: 695313

Increased Density Orders: 659239

Pending CD Numbers:

Special Orders:

Total Depth: 10900 Ground Elevation: 1247 Surface Casing: 530 Depth to base of Treatable Water-Bearing FM: 480

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: 19-36277
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 12 Twp 25N Rge 11W County ALFALFA

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: 5311

Radius of Turn: 547

Direction: 1

Total Length: 4730

Measured Total Depth: 10900

True Vertical Depth: 5865

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/9/2019 - 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 - 659239

5/16/2019 - G56 - 12-25N-11W
X622603 MSSP
1 WELL
BCE-MACH LLC
4/25/2019

LOCATION EXCEPTION - 695313

5/16/2019 - G56 - (I.O.) 12-25N-11W
X622603 MSSP
COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 1320' FEL
BCE-MACH LLC
4/29/2019

SPACING - 622603

5/16/2019 - G56 - (640) 12-25N-11W
VAC 105169 MSSCT, MSSLM
EST MSSP, OTHERS

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

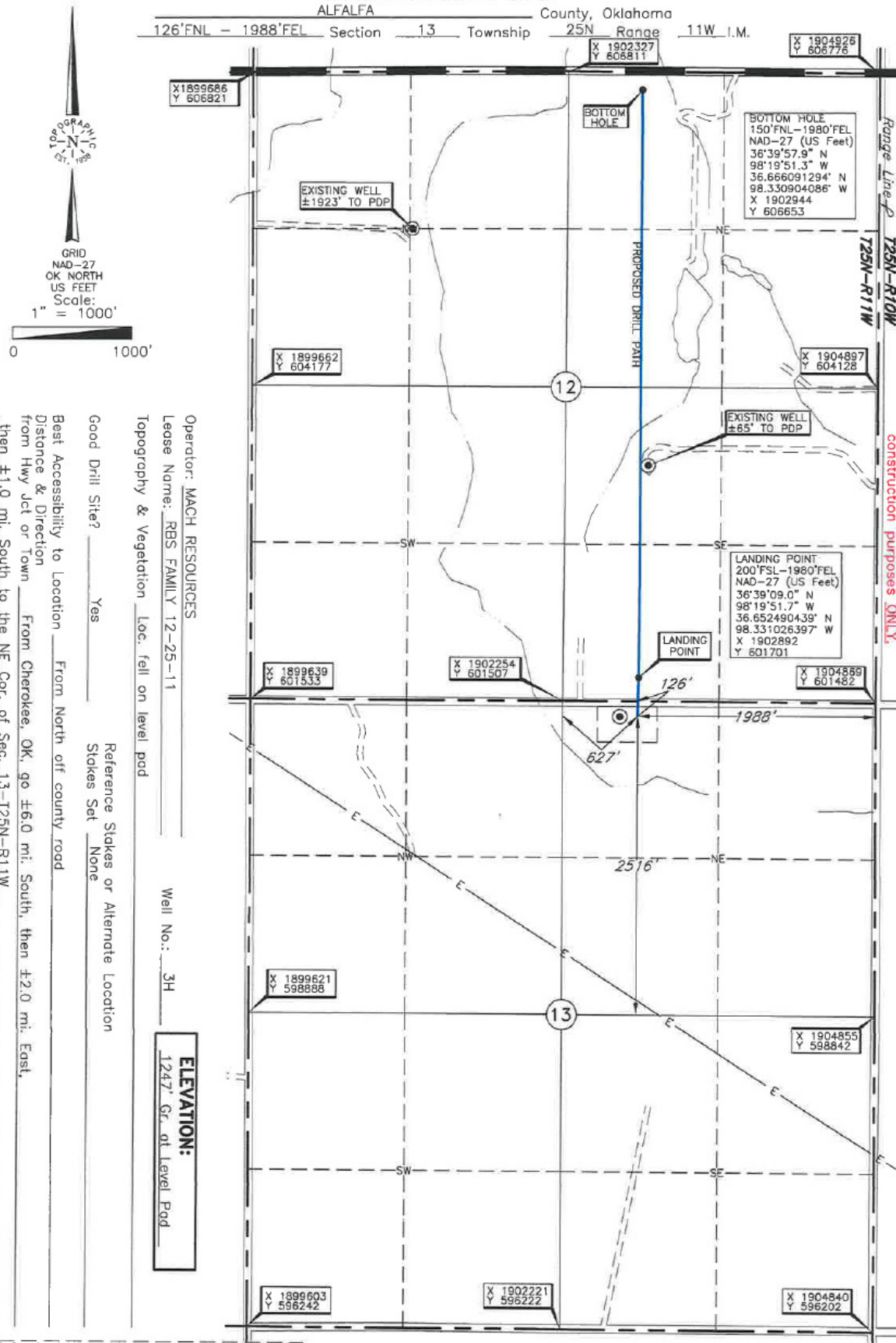
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003 23376 RBS FAMILY 12-25-11 3H

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



Operator: MACH RESOURCES
Lease Name: RBS FAMILY 12-25-11
Topography & Vegetation Loc. fell on level pad
Good Drill Site? Yes
Reference Stakes or Alternate Location
Best Accessibility to Location From North off county road
Distance & Direction From Cherokee, OK, go ±6.0 mi. South, then ±2.0 mi. East, then ±1.0 mi. South to the NE Cor. of Sec. 13-25N-R11W

Well No.: 3H
ELEVATION: 1247' Gr. at Level Pad

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

DATUM: NAD-27
LAT: 36°39'05.7"N
LONG: 98°19'51.8" W
LAT: 36.651595175° N
LONG: 98.331059128° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1902881
Y: 601375

Date of Drawing: May 06, 2019
Project # 125949 Date Staked: May 03, 2019 ST

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

