

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

API NUMBER: 003 23392

Approval Date: 12/04/2019

Expiration Date: 06/04/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 25N Rge: 11W

County: ALFALFA

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 200 995

Lease Name: WHITE 24-25-11

Well No: 2H

Well will be 200 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

JOHN F. WHITE, JR.
922 S GRAND
CHEROKEE OK 73728

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5885	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 699864

Location Exception Orders: 705901

Increased Density Orders:

Pending CD Numbers: 201905474

Special Orders:

Total Depth: 10873

Ground Elevation: 1279

Surface Casing: 430

Depth to base of Treatable Water-Bearing FM: 380

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: 19-37061
H. CLOSED SYSTEM = STEEL TANKS 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 24 Twp 25N Rge 11W County ALFALFA

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5502

Radius of Turn: 535

Direction: 357

Total Length: 4530

Measured Total Depth: 10873

True Vertical Depth: 6018

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

Notes:

Category

Description

HYDRAULIC FRACTURING

11/20/2019 - 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

LOCATION EXCEPTION - 705901
(201905254)

12/4/2019 - GB1 - (I.O.) 24-25N-11W
X699864 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FWL
BCE-MACH LLC
12/4/2019

PENDING CD - 201905474

12/4/2019 - GB1 - 24-25N-11W
X699864 MSSP
2 WELLS
NO OP. NAMED
HEARING 12/9/2019

SPACING - 699864

12/4/2019 - GB1 - (640)(HOR) 24-25N-11W
VAC 105169 MSSCT, MSSLM
EXT 692749 MSSP
COMPL. INT. NCT 660' FB

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003 23392 WHITE 24-25-11 2H

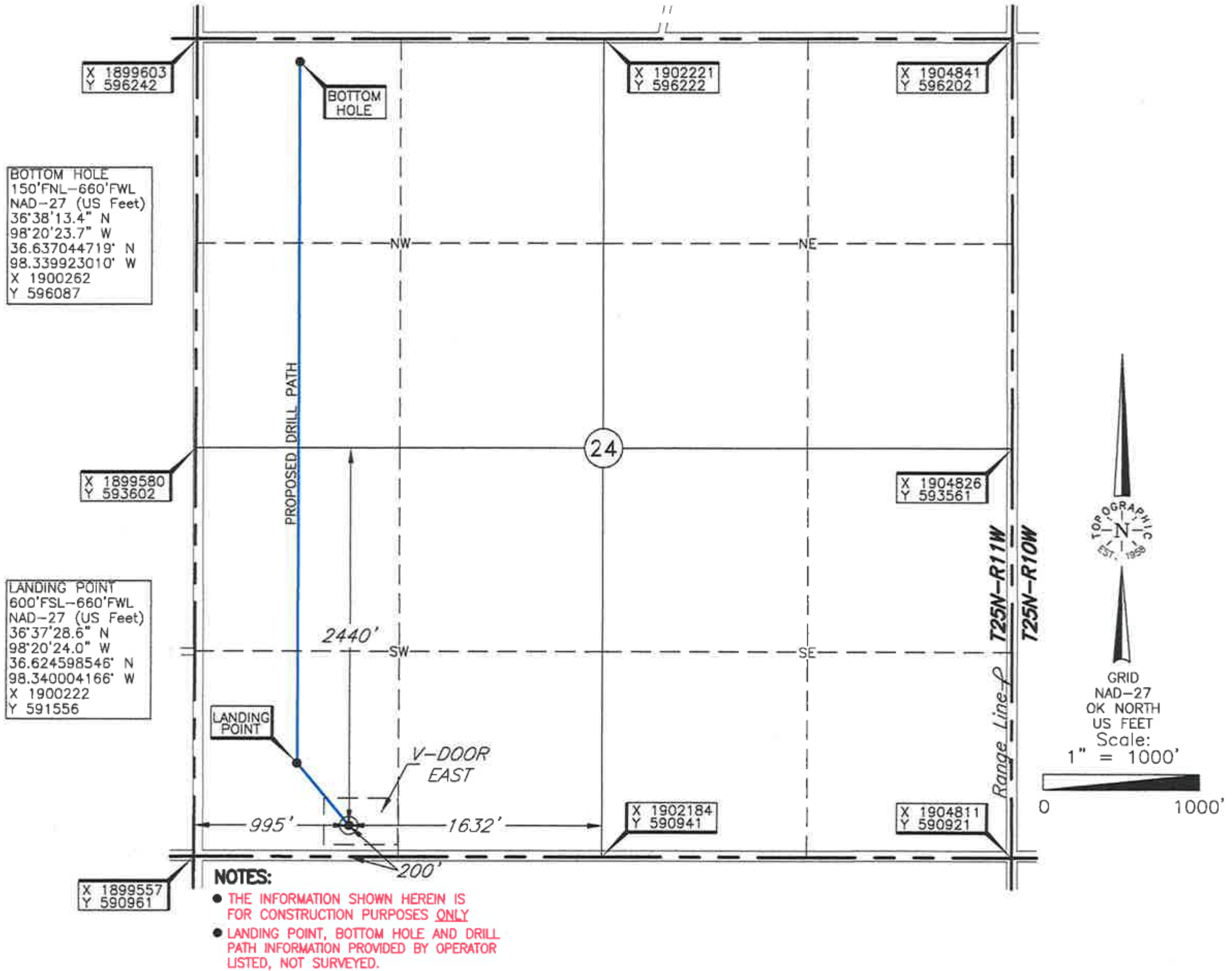
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

ALFALFA

County, Oklahoma

200'FSL - 995'FWL Section 24 Township 25N Range 11W I.M.



Operator: BCE-MACH LLC
Lease Name: WHITE 24-25-11 Well No.: 2H **ELEVATION:** 1279' Gr. at Stake
Topography & Vegetation Loc. fell in level to sloped grass pasture, ±205' South of E-W pipeline, West edge of pad ±50' East of NW-SE waterway
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 ±6.0 mi. South, then ±1.0 mi. East, then ±3.0 mi. South to the SW Cor. of Sec. 24-T25N-R11W

DATUM: NAD-27
LAT: 36°37'24.6"N
LONG: 98°20'19.9"W
LAT: 36.623496039° N
LONG: 98.338869724° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1900554
Y: 591154

Revision ☒ 1 Date of Drawing: Oct. 30, 2019
Project # 130862 Date Staked: Oct. 16, 2019

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

AC/TR

