

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

API NUMBER: 003 23391

Approval Date: 11/22/2019

Expiration Date: 05/22/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 25N Rge: 10W

County: ALFALFA

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 180 200

Lease Name: HAWKINS 19-25-10

Well No: 1H

Well will be 180 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

LARRY HAWKINS  
3322 ALCORN CROSSING DRIVE  
SUGARLAND TX 77479

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5915	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 705044

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201905088

Special Orders:

Total Depth: 10877 Ground Elevation: 1264

**Surface Casing: 490**

Depth to base of Treatable Water-Bearing FM: 440

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: 19-37062  
H. CLOSED SYSTEM = STEEL PITS (REQUIRED - EAST CLAY CREEK)

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 19 Twp 25N Rge 10W County ALFALFA

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 710

Depth of Deviation: 5622

Radius of Turn: 462

Direction: 6

Total Length: 4529

Measured Total Depth: 10877

True Vertical Depth: 6005

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

Notes:

Category

Description

HYDRAULIC FRACTURING

11/7/2019 - 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](http://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](http://FRACFOCUS.ORG)

PENDING CD - 201905088

11/22/2019 - GB6 - (I.O.) 19-25N-10W  
X705044 MSSP  
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 660' FWL  
NO OP. NAMED  
REC. 11/04/2019 (PRESLAR)

SPACING - 705044

11/22/2019 - GB6 - (640)(HOR) 19-25N-10W  
VAC 105169 MSCT, MSSLM IN 19-25N-10W  
EXT 699864 MSSP  
COMPL. INT. NCT 660' FB

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.

003 23391 HAWKINS 19-25-10 1H

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

003-23391

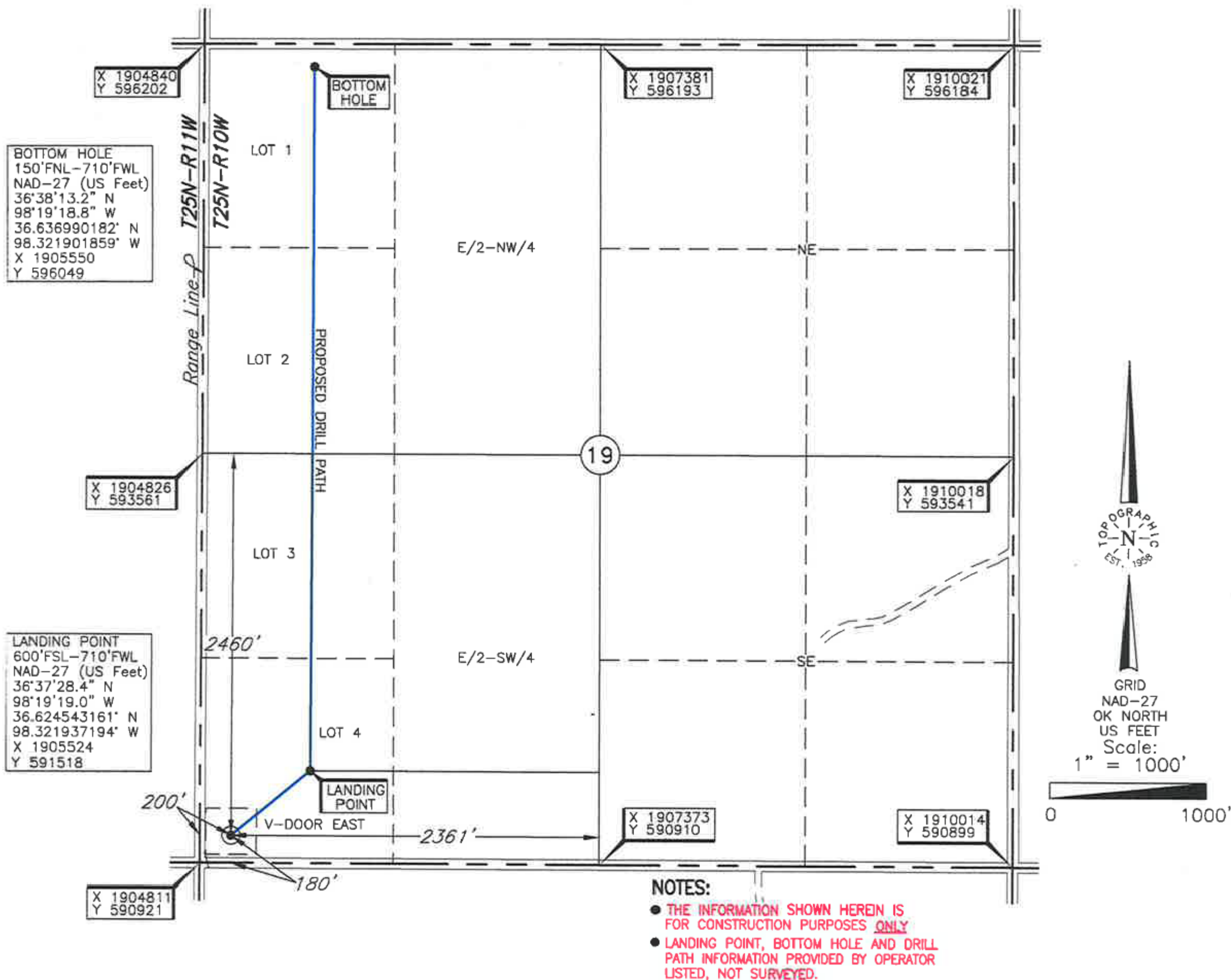
13800 Wireless Way, Okla. City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

ALFALFA

County, Oklahoma

180'FSL - 200'FWL Section 19 Township 25N Range 10W I.M.



Operator: BCE-MACH LLC

Lease Name: HAWKINS 19-25-10

Well No.: 1H

ELEVATION:

1264' Gr. at Stake

Topography &amp; Vegetation Loc. fell in level to slight slope wheat field

Good Drill Site? Yes

Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From South off county road

Distance &amp; Direction

from Hwy Jct or Town From Cherokee, OK, go ±6.0 mi. South, then ±2.0 mi. East,  
then ±3.0 mi. South to the SW Cor. of Sec. 19-T25N-R10W

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

DATUM: NAD-27  
LAT: 36°37'24.2"N  
LONG: 98°19'25.2"W  
LAT: 36.623390962° N  
LONG: 98.323678148° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1905012  
Y: 591100

Date of Drawing: Oct. 08, 2019  
Project # 130530 Date Staked: Oct. 07, 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

Oklahoma Lic. No. 1433

