

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

API NUMBER: 003 23352 A

Approval Date: 12/19/2018
Expiration Date: 06/19/2020

Horizontal Hole Oil & Gas

Amend reason: UPDATING THE SHL FROM 1600' FWL TO 1535' FWL.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 25N Rge: 10W County: ALFALFA
SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 320 1535

Lease Name: WESSELS 7-25-10 Well No: 1H Well will be 320 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

DANIELLE BUDY
42326 COMANCHE ROAD
ALVA OK 73717

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5775	6
2			7
3			8
4			9
5			10

Spacing Orders: 687026 Location Exception Orders: 689211 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 10767 Ground Elevation: 1280 Surface Casing: 590 Depth to base of Treatable Water-Bearing FM: 540

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: 18-35292
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 07 Twp 25N Rge 10W 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: 5649

Radius of Turn: 487

Direction: 5

Total Length: 4353

Measured Total Depth: 10767

True Vertical Depth: 5870

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

Additional Surface Owner	Address	City, State, Zip
KIMBERLY QUINTANAR	3403 E. 74TH STREET	TULSA, OK 74136
TAMELA HAMILTON	1825 N. COLTRANE	EDMOND, OK 73034
G. DWIGHT WESSELS AND KATHIE	1308 S. PENN	CHEROKEE, OK 73728
JENNIFER BLACKSHARE	10718 S. NANDINA COURT	JENKS, OK 74037

Notes:

Category

Description

HYDRAULIC FRACTURING

11/29/2018 - 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

LOCATION EXCEPTION - 689211

5/9/2019 - G58 - (I.O.) 7-25N-10W
X687026 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 660' FWL
BCE-MACH LLC
1/4/2019

SPACING - 687026

12/19/2018 - G58 - (640)(HOR) 7-25N-10W
VAC 105169 MSSCH, MSSLM
EST MSSP
COMPL. INT. NCL 660' FB

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

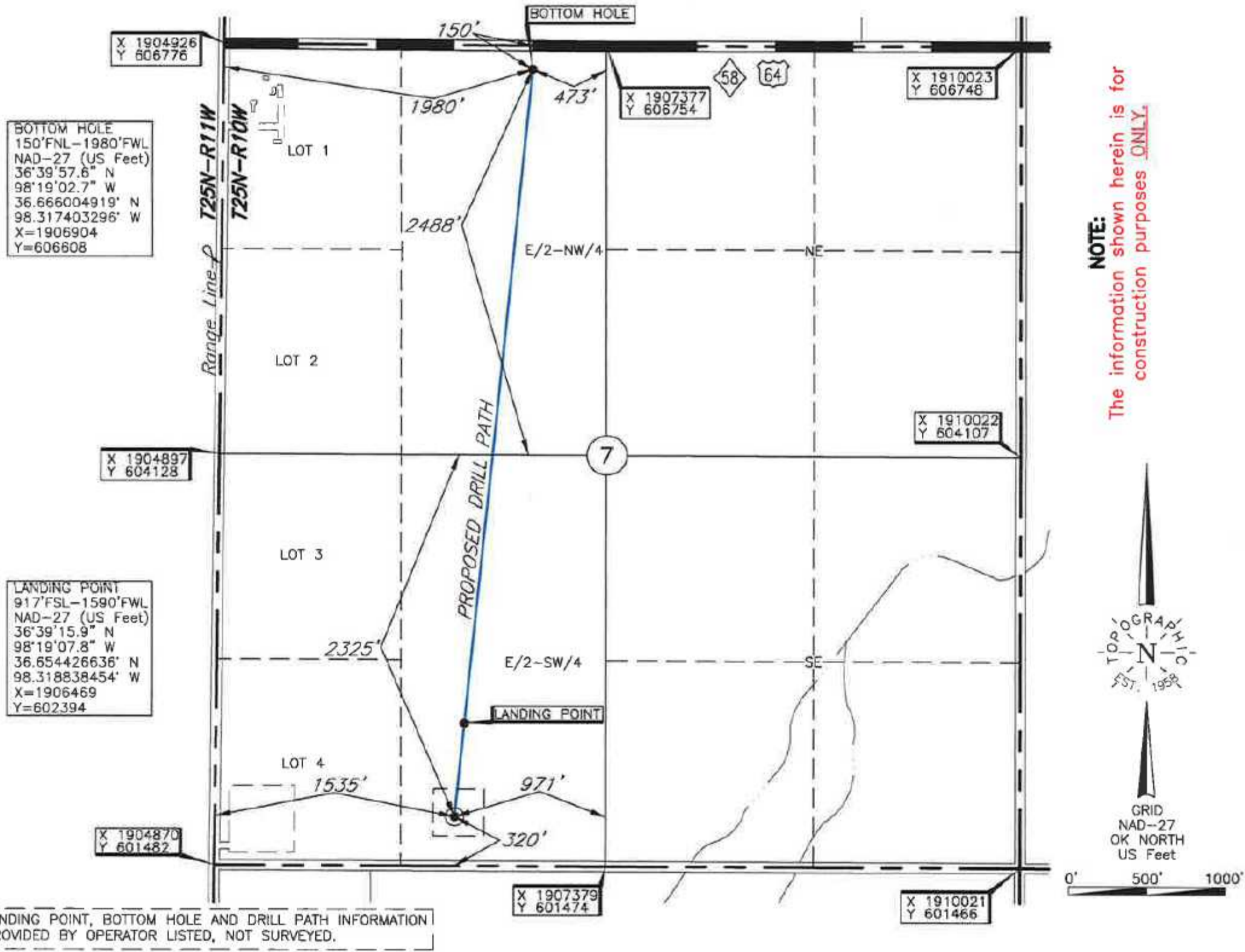
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

ALFALFA

County, Oklahoma

003-23352

320'FSL - 1535'FWL Section 7 Township 25N Range 10W I.M.



BOTTOM HOLE
 150'FNL-1980'FWL
 NAD-27 (US Feet)
 36°39'57.6" N
 98°19'02.7" W
 36.666004919' N
 98.317403296' W
 X=1906904
 Y=606608

LANDING POINT
 917'FSL-1590'FWL
 NAD-27 (US Feet)
 36°39'15.9" N
 98°19'07.8" W
 36.654426636' N
 98.318838454' W
 X=1906469
 Y=602394

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

Operator: MACH RESOURCES

Lease Name: WESSELS 7-25-10

Well No.: 1H

ELEVATION:
1279' Gr. at Stake

Topography & Vegetation Loc. fell in terraced wheat field

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 ±2.0 mi. East, then ±1.0 mi. South to the SW Cor. of Sec. 7-T25N-R10W

Date of Drawing: Oct. 31, 2018

Invoice # 305966 Date Staked: Oct. 30, 2018 AC

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.
 DATUM: NAD-27
 LAT: 36°39'10.0"N
 LONG: 98°19'08.6"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1906408
 Y: 601797

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

