

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

API NUMBER: 003 23394

Approval Date: 12/27/2019

Expiration Date: 06/27/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 25N Rge: 11W County: ALFALFA

SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 180 350

Lease Name: MEANS 13-25-11

Well No: 3H

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

TERRY MEANS, SUCCESSOR TRUSTEE OF THE EUGENE  
T. MEANS REVOCABLE TRUST  
12679 COUNTY ROAD 580  
CARMEN OK 12679

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: 685530

Location Exception Orders: 698980

Increased Density Orders: 691532

Pending CD Numbers:

Special Orders:

Total Depth: 11116

Ground Elevation: 1249

**Surface Casing: 500**

Depth to base of Treatable Water-Bearing FM: 450

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: 8000 Average: 5000

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: 19-36278  
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 13 Twp 25N Rge 11W County ALFALFA

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5321

Radius of Turn: 545

Direction: 177

Total Length: 4939

Measured Total Depth: 11116

True Vertical Depth: 5850

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

12/12/2019 - 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)

INCREASED DENSITY - 691532 (201900203)

12/18/2019 - GC2 - 13-25N-11W  
X685530 MSSP  
2 WELLS  
BCE-MACH LLC  
2-15-2019

LOCATION EXCEPTION - 698980  
(201902918)

12/27/2019 - GC2 - (I.O.) 13-25N-11W  
X685530 MSSP  
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 660' FWL  
BCE-MACH LLC  
7-10-2019

SPACING - 685530

12/18/2019 - GC2 - (640)(HOR) 13-25N-11W  
VAC 105169 MSCT, MSSLM  
EST MSSP  
COMPL. INT. NCT 660' FB

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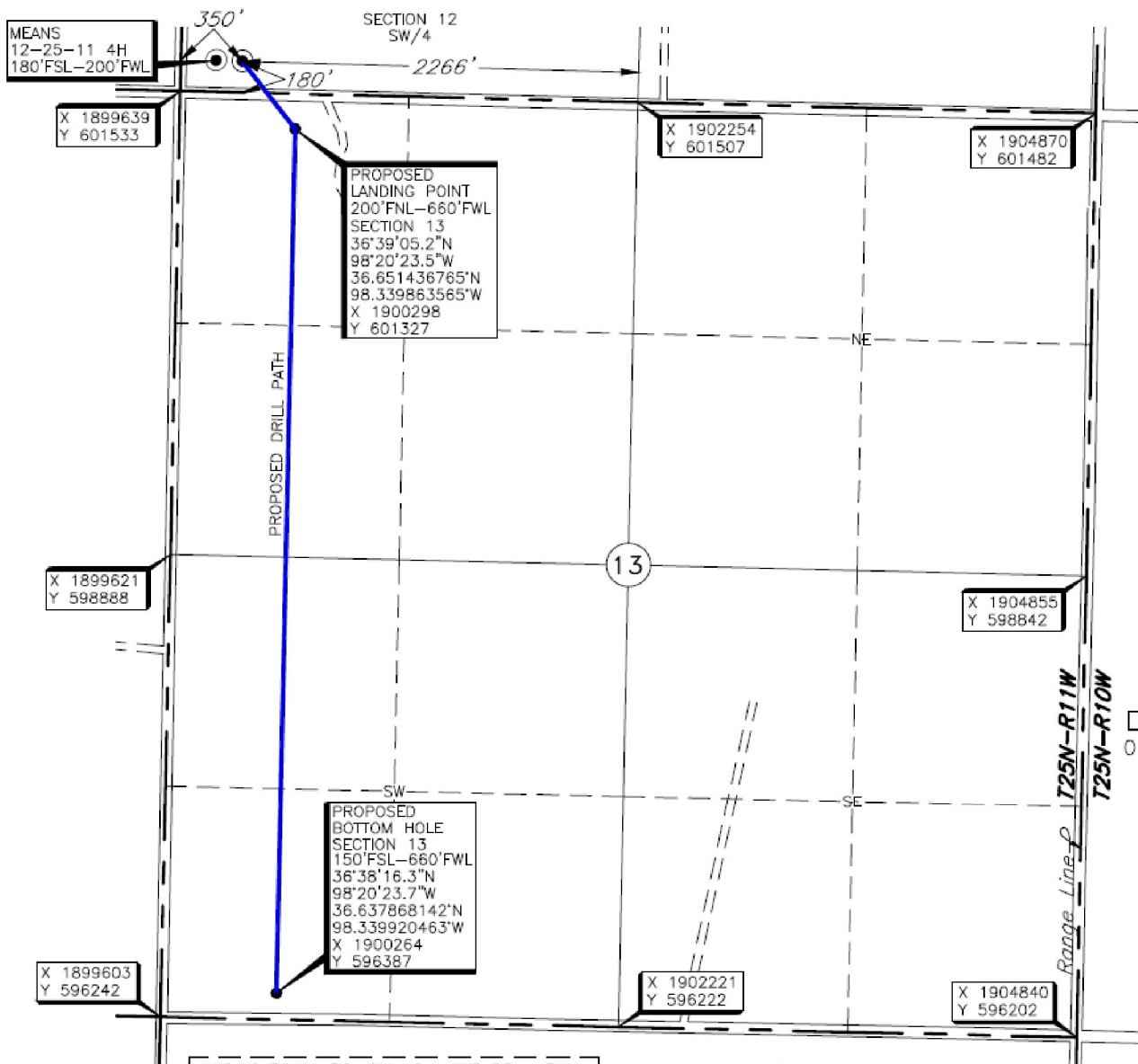
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

003 23394 MEANS 13-25-11 3H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

ALFALFA County, Oklahoma

180'FSL-350'FWL Section 12 Township 25N Range 11W I.M.



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

THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

Operator: MACH RESOURCES  
Lease Name: MEANS 13-25-11  
Topography & Vegetation Location fell in level wheat field.

Well No.: 3H  
ELEVATION: 1249' Gr. at Stake

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, Oklahoma, go South ±6 miles, then go East ±1 mile, then go South ±1 mile to the Southwest corner of Section 12, T25N-R11W.

DATUM: NAD-27  
LAT: 36°39'08.9"N  
LONG: 98°20'27.3"W  
LAT: 36.652485825"N  
LONG: 98.340914924"W  
STATE PLANE COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1899991  
Y: 601710

Revision 2 Date of Drawing: Dec. 2, 2019  
Project # 131352 Date Staked: Jan. 18, 2019 NB

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 Reg. No. 1433

