

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

API NUMBER: 003 23360

Approval Date: 02/05/2019

Expiration Date: 08/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 27N Rge: 11W County: ALFALFA  
SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 222 1980

Lease Name: GINDER 24-27-11 Well No: 2H Well will be 222 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

DWIGHT AND KATHIE WESSELS  
1308 SOUTH PENNSYLVANIA AVE.  
CHEROKEE OK 73728

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5183	6
2			7
3			8
4			9
5			10

Spacing Orders: 619189 Location Exception Orders: 687219 Increased Density Orders: 690325

Pending CD Numbers: Special Orders:

Total Depth: 10555 Ground Elevation: 1169 Surface Casing: 350 Depth to base of Treatable Water-Bearing FM: 300

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35473  
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 24 Twp 27N Rge 11W County ALFALFA

Spot Location of End Point: SE SW SW SE

Feet From: SOUTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 2200

Depth of Deviation: 4758

Radius of Turn: 575

Direction: 183

Total Length: 4893

Measured Total Depth: 10555

True Vertical Depth: 5300

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

12/31/2018 - 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](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 - 690325

2/5/2019 - G58 - 24-27N-11W  
X619189 MSSP  
2 WELLS  
BCE-MACH LLC  
1/27/2019

LOCATION EXCEPTION - 687219

2/5/2019 - G58 - (I.O.) 24-27N-11W  
X619189 MSSP  
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FEL  
BCE-MACH LLC  
11/27/2018

SPACING - 619189

2/5/2019 - G58 - (640)(HOR) 24-27N-11W  
EST MSSP  
POE TO BHL 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.

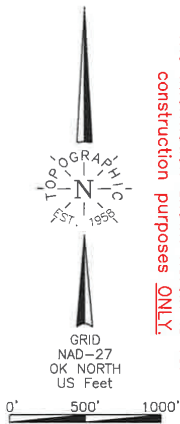
003 23360 GINDER 24-27-11 2H

ALFALFA

County, Oklahoma

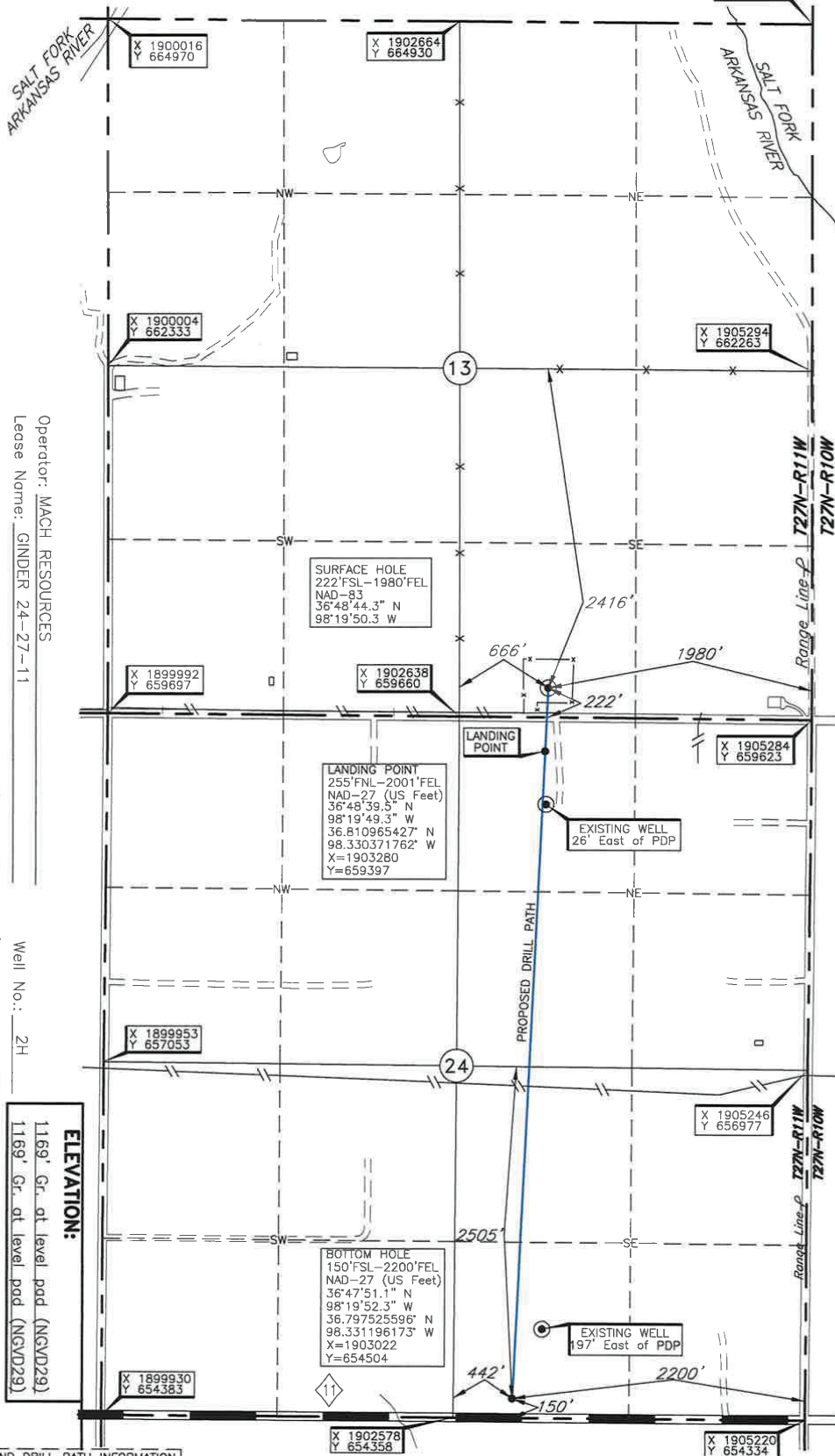
003-23360

222' FSL - 1980' FEL Section 13 Township 27N Range 11W I.M.



NOTE:  
The information shown herein is for  
construction purposes ONLY.

Operator: MACH RESOURCES  
Lease Name: GINDER 24-27-11  
Topography & Vegetation: Loc. fell on existing level pad, ±28' South of existing well  
Good Drill Site? Yes  
Reference Stokes or Alternate Location: Stokes Set None  
Best Accessibility to Location: From South off county road  
Distance & Direction: From Cherokee, OK, go ±4.0 mi. North, then ±2.0 mi. East to the SE Cor. of Sec. 13-27N-R11W



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

DATUM: NAD-27  
LAT: 36°48'44.2\"/>

Date of Drawing: Sep. 06, 2018  
Invoice # 301159 Date Staked: Aug. 28, 2018

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

