

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

API NUMBER: 151 24542

Approval Date: 09/13/2018

Expiration Date: 03/13/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 28N Rge: 18W

County: WOODS

SPOT LOCATION: ☐ SW ☐ NW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 737 1362

Lease Name: HODGSON 13-28-18

Well No: 4H

Well will be 737 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

HAROLD D. & LILLIAN L. HODGSON
3003 BROOKHAVEN ROAD
WOODWARD OK 73801

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

Name	Depth	Name	Depth
1 MISSISSIPPI	6047	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 146316

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806754
201805974

Special Orders:

Total Depth: 11114

Ground Elevation: 2038

Surface Casing: 920

Depth to base of Treatable Water-Bearing FM: 850

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: CLOUD CHIEF

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-35126

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 13 Twp 28N Rge 18W County WOODS

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: 5582

Radius of Turn: 382

Direction: 188

Total Length: 4982

Measured Total Depth: 11114

True Vertical Depth: 6047

End Point Location from Lease,

Unit, or Property Line: 150

Notes:

Category

Description

HYDRAULIC FRACTURING

9/4/2018 - G57 - 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

PENDING CD - 201805974

8/31/2018 - G57 - (I.O.) 13-28N-18W
X146316 MISS
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 330' FWL
NO OP. NAMED
REC 8-20-2018 (P. PORTER)

PENDING CD - 201806754

8/31/2018 - G57 - 13-28N-18W
X146316 MISS
1 WELL
NO OP. NAMED
REC 9-10-2018 (JACKSON)

SPACING - 146316

8/31/2018 - G57 - (640) 24-28N-18W
EXT OTHERS
EXT 62636 MISS, OTHER

This permit does not address the right of entry or settlement of surface damages.

151 24542 HODGSON 13-28-18 4H

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

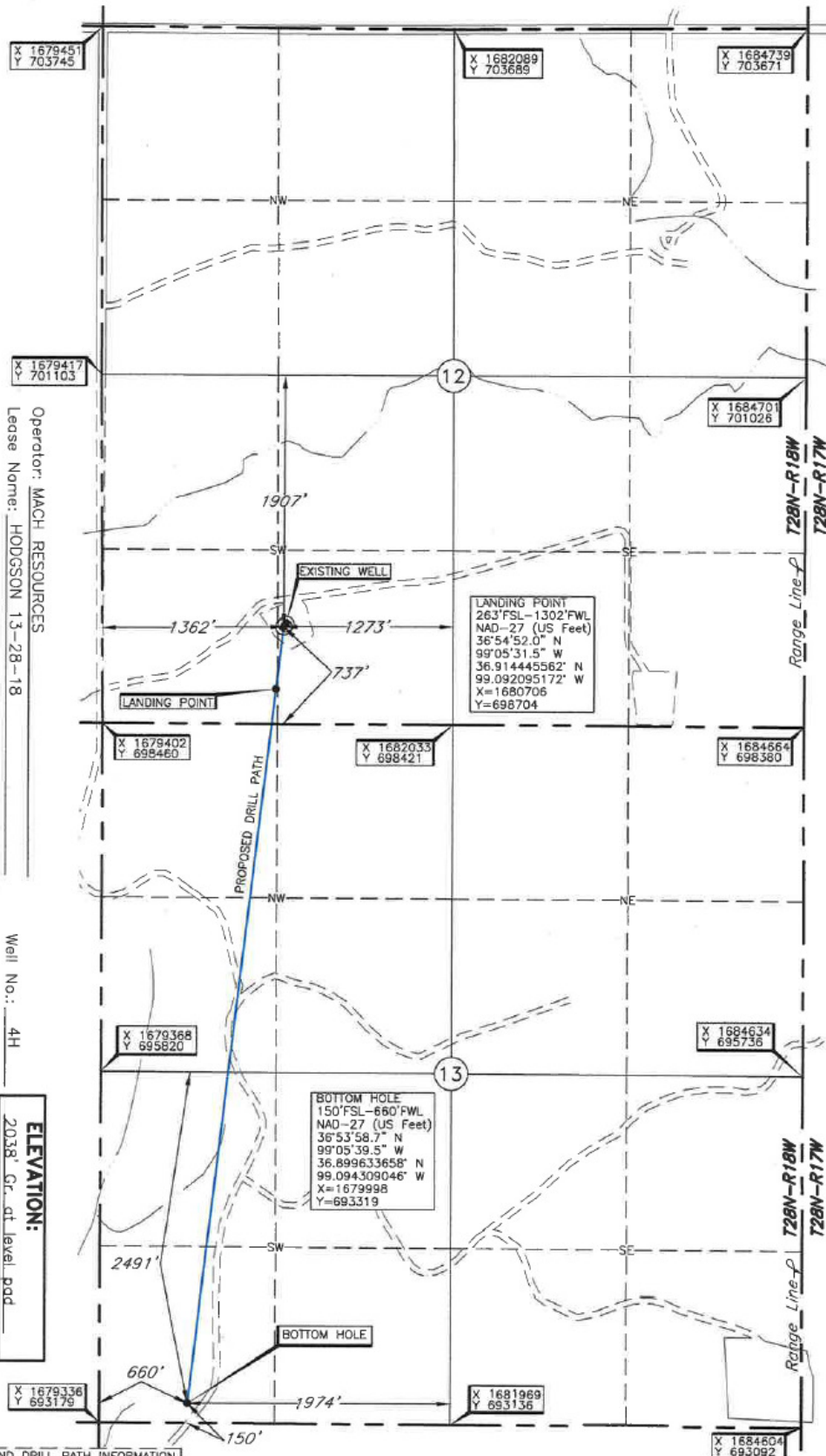
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

737' FSL - 1362' FWL Section 12 Township 28N Range 18W I.M.



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

Operator: MACH RESOURCES
 Lease Name: HODGSON 13-28-18
 Topography & Vegetation: Loc. fell on existing pod, ±28' SW of existing well
 Well No.: 4H
 ELEVATION: 2038' Gr. at level pod
 Good Drill Site? Yes
 Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location: From West off county road
 Distance & Direction from Hwy Jct. or Town: From Camp Houston, OK, go ±8.0 mi. North, then ±1.0 mi. East, then ±1.0 mi. South to the SW Cor. of Sec. 12-T28N-R18W



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

DATUM: NAD-27
 LAT: 36°54'56.7\"N
 LONG: 99°05'30.8\"W
 LAT: 36.915746315\" N
 LONG: 99.091900713\" W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1680768
 Y: 699177

Date of Drawing: Aug. 16, 2018
 Invoice # 300565 Date Staked: Aug. 13, 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

