

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

API NUMBER: 047 01256 E

Approval Date: 04/02/2019  
Expiration Date: 10/02/2020

Straight Hole Oil & Gas

Amend reason: ADD HOTSON FORMATION

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 19 Township: 22N Range: 3W County: GARFIELD

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 94 1420

Lease Name: KISNER Well No: 54 Well will be 94 feet from nearest unit or lease boundary.  
Operator Name: M M ENERGY INC Telephone: 4054633355 OTC/OCC Number: 19118 0

M M ENERGY INC  
PO BOX 21904  
OKLAHOMA CITY, OK 73156-1904

ARCO  
1701 SUMMIT AVENUE, SUITE TWO  
PLANO TX 75074

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

Name	Code	Depth	Name	Code	Depth
1 FORT RILEY	451FRRL	1050	6 FORAKER	451FRKR	1650
2 HOY	451HOY	1060	7 CREWS	406CRWS	1780
3 WHITNEY	451WTNY	1240	8 GARBER /PERMIAN/	452GRBR	1940
4 HOTSON	451HTSN	1400			
5 NEVA	451NEVA	1500			

Spacing Orders: No Spacing

Location Exception Orders: 558188

Increased Density Orders: No Density Orders

Pending CD Numbers: 202000218

Special Orders: No Special Orders

Total Depth: 2150

Ground Elevation: 1093

Surface Casing: 2149 IP

Depth to base of Treatable Water-Bearing FM: 200

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

**NOTES:**

Category	Description
HYDRAULIC FRACTURING	3/15/2019 - 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
LOCATION EXCEPTION - 558188	1/27/2020 - G56 - NW4 19-22N-3W X165:10-1-21 FRRL, HOY, WTNY, NEVA, FRKR, CRWS, GRBR 94 FNL, 1323 FEL M M ENERGY, INC. 8-18-08 (WELL SPUD 10-22-2008)

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.

PENDING CD - 202000218	6/9/2020 - G56 - (I.O.) NW4 19-22N-3W X165:10-1-21 HTSN SHL 94' FNL, 1420' FWL NO OP NAMED REC 6/1/2020 (MILLER)
SPACING	1/27/2020 - G56 - FORMATIONS UNSPACED; 160-ACRE LEASE (NW4)
SURFACE LOCATION	1/27/2020 - G56 - 94' FNL, 1420' FWL, 1323' FEL NW4 19-22N-3W PER STAKING PLAT

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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.