

API NUMBER: 047 24557 A

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

Approval Date: 09/29/2020
Expiration Date: 03/29/2022

Straight Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Section: 25 Township: 22N Range: 4W County: GARFIELD

SPOT LOCATION: C NE NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1980 1980

Lease Name: HOTSON Well No: 49 Well will be 1980 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 73134

ARCO
1701 SUMMIT
SUITE 2
PLANO TX 75074

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

Name	Code	Depth
1 TONKAWA	406TNKW	3300

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 4994

Ground Elevation: 1085

Surface Casing: 310 IP

Depth to base of Treatable Water-Bearing FM: 240

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	9/28/2020 - GC2 - 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
SPACING	9/28/2020 - GC2 - FORMATION UNSPACED 160-ACRE LEASE NW4

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.

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