

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

API NUMBER: 047 24436 A

Approval Date: 01/17/2019
Expiration Date: 07/17/2020

Straight Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 19 Twp: 22N Rge: 3W

County: GARFIELD

SPOT LOCATION: C W2 NW NE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1980 330

Lease Name: KISNER EAST

Well No: 27

Well will be 330 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	Depth	Name	Depth
1	TONKAWA	3245	6	
2	LAYTON LOW	3800	7	
3	BIG LIME	4225	8	
4			9	
5			10	

Spacing Orders: 499776

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4458

Ground Elevation: 1090

Surface Casing: 329 IP

Depth to base of Treatable Water-Bearing FM: 230

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

HYDRAULIC FRACTURING

Description

12/16/2018 - 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; 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

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

047 24436 KISNER EAST 27

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.

Category	Description
SPACING	1/16/2019 - G75 - TONKAWA, BIG LIME UNSPACED; 160-ACRE LEASE (NE4)
SPACING - 499776	1/16/2019 - G75 - (160/80/40) NE4 19-22N-3W EXT (40) OTHERS EST (160) OTHERS EXT (80) 133442 LYTNL, OTHERS LD NW/SE