

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

API NUMBER: 031 21640

Approval Date: 06/24/2014
Expiration Date: 06/24/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 4N Rge: 11W County: COMANCHE
SPOT LOCATION: NW SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 390 200

Lease Name: S. J. MATTOON Well No: 1 Well will be 200 feet from nearest unit or lease boundary.
Operator Name: R & M OPERATING & PROD CO Telephone: 2108973343 OTC/OCC Number: 16653 0

R & M OPERATING & PROD CO
PO BOX 596
LAKEHILLS, TX 78063-0596

STEPHEN J MATTOON
16384 NW. MABDISCHE
OPACHE OK 73006

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

Name	Depth	Name	Depth
1 PERMIAN	450	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 500 Ground Elevation: 1250 Surface Casing: 0 Depth to base of Treatable Water-Bearing FM: 420

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

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

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: HENNESSEY

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. CBL REQUIRED

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.

PIT 2 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: HENNESSEY

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Notes:

Category	Description
ALTERNATE CASING	6/11/2014 - G71 - APPROVED CONTINGENT ON (1) MUDDING UP PRIOR TO TD TO PROTECT SHALLOW SANDS & (2) COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)
FRAC FOCUS	5/19/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	6/24/2014 - G91 - FORMATION UNSPACED 157-ACRE LEASE (SW4)

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