

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

API NUMBER: 117 23548

Approval Date: 07/08/2013

Expiration Date: 01/08/2014

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 21N Rge: 5E

County: PAWNEE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 330 1980

Lease Name: LYON

Well No: 1-33

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: MT DORA ENERGY LLC

Telephone: 5804709230; 5804709

OTC/OCC Number: 22348 0

MT DORA ENERGY LLC

PO BOX 190

DUNCAN, OK 73533-1829

JACK LYON, QUINTON LYON, TERRY LYON, TIM LYON

12800 GLENN EAGLE DR.

CHOCTAW OK 73020

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

	Name	Depth	Name	Depth
1	RED FORK	3305	6	
2	MISSISSIPPI CHAT	3520	7	
3	MISSISSIPPI LIME	3531	8	
4	WOODFORD	3690	9	
5	WILCOX	3745	10	

Spacing Orders: 613276

Location Exception Orders: 613125

Increased Density Orders: 613124

Pending CD Numbers:

Special Orders:

Total Depth: 3900

Ground Elevation: 981

Surface Casing: 230

Depth to base of Treatable Water-Bearing FM: 180

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2000

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: VANOSS

Notes:

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

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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
INCREASED DENSITY - 613124	7/8/2013 - G75 - (E.O.) E2 33-21N-5E X613276 RDFK 1 WELL MT. DORA ENERGY, LLC 6-25-2013
LOCATION EXCEPTION - 613125	7/8/2013 - G75 - (E.O.) E2 33-21N-5E X613276 RDFK, MSSCT, MSSLM, WDFD, WLCX NCT 330 FSL, NCT 330 FEL MT. DORA ENERGY, LLC 6-25-2013
SPACING - 613276	7/8/2013 - G75 - (320) E2 33-21N-5E NE4 NLT 660' FB VAC 53862/214442 MSSLM, RDFK EST RDFK, MSSCT, MSSLM, WDFD, WLCX

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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.

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