

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

API NUMBER: 051 23593 A

Approval Date: 03/20/2012
Expiration Date: 09/20/2012

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 4N Rge: 5W County: GRADY
SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1980 1010

Lease Name: DENNIS Well No: 2-11 Well will be 660 feet from nearest unit or lease boundary.
Operator Name: EAGLE ROCK MID-CONTINENT OPERATING LLC Telephone: 2814081200 OTC/OCC Number: 22050 0

EAGLE ROCK MID-CONTINENT OPERATING LLC
PO BOX 2968
HOUSTON, TX 77252-2968

FREDDIE C. & SUE C. DENNIS
2336 COUNTY ROAD 1510
BRADLEY OK 73011

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

	Name	Depth	Name	Depth
1	SYCAMORE	11896	6	
2	WOODFORD	12076	7	
3	HUNTON	12320	8	
4	VIOLA	12832	9	
5	BROMIDE	13422	10	

Spacing Orders: 427233 Location Exception Orders: Increased Density Orders: 595093
56915

Pending CD Numbers: Special Orders:

Total Depth: 14000 Ground Elevation: 1080 **Surface Casing: 1050** Depth to base of Treatable Water-Bearing FM: 170

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: WOODFORD

Approved Method for disposal of Drilling Fluids:
A. Evaporation/dewater and backfilling of reserve pit.

Notes:

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.

Category	Description
DEEP SURFACE CASING	3/19/2012 - G30 - APPROVED
INCREASED DENSITY - 595093	3/20/2012 - G75 - (E.O.) NW4 11-4N-5W X56915 BRMD X427233 SCMR, WDFD, HNTN, VIOL 1 WELL EAGLE ROCK MID-CONT. OP., LLC 3-9-2012
SPACING - 427233	3/20/2012 - G75 - (160) NW4 11-4N-5W EXT 198522/385886 SCMR, HNTN, VIOL EXT 385886 WDFD
SPACING - 56915	3/20/2012 - G75 - (160) 11-4N-5W EST BRMD, OTHER
SURFACE CASING	3/19/2012 - G30 - MIN. 300' SURFACE CASING REQUIRED PER ORDER # 31521

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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.