

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

API NUMBER: 103 24673 B

Approval Date: 07/23/2014
Expiration Date: 01/23/2015

Straight Hole Oil & Gas

Amend reason: AMEND SURFACE HOLE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 20N Rge: 1W

County: NOBLE

SPOT LOCATION: E2 W2 SE NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 1980 1750

Lease Name: GROOM

Well No: 17-3

Well will be 660 feet from nearest unit or lease boundary.

Operator Name: BRG PETROLEUM LLC

Telephone: 9184962626

OTC/OCC Number: 21665 0

BRG PETROLEUM LLC
7134 S YALE AVE STE 600
TULSA, OK 74136-6353

SIDNEY W GROOMS
27350 COUNTY ROAD 80
PERRY OK 73077

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

	Name	Depth		Name	Depth
1	CAMPBELL	1700	6	WOODFORD	5040
2	HOOVER	2400	7	SYLVAN	5090
3	PERRY	3500	8		
4	SKINNER	4780	9		
5	MISSISSIPPI LIME	4940	10		

Spacing Orders: 186392
60846
206496

Location Exception Orders:

Increased Density Orders: 604491

Pending CD Numbers:

Special Orders:

Total Depth: 5300

Ground Elevation: 1159

Surface Casing: 320

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

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
FRAC FOCUS	9/12/2014 - G76 - 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
INCREASED DENSITY - 604491	9/12/2014 - G91 -NW4 17-20N-1W X186392 SKNR, MSSLM 2 WELLS BRG PETROLEUM L.L.C 11-26-2012 (EXT BY 618482 TO 11-26-2014)
INCREASED DENSITY - 618482	9/12/2014 - G91 - NW4 17-20N-1W EXT 604491 TO 11-26-2014
SPACING	9/12/2014 - G91 - CAMPBELL, WOODFORD FORMATIONS UNSPACED; 160-ACRE LEASE (NW4)
SPACING - 186392	9/12/2014 - G91 - (160) NW4 17-20N-1W EXT 41725 SKNR EXT 125222 MSSLM EST SLVN, OTHERS
SPACING - 206496	9/12/2014 - G91 - (160) 17-20N-1W EXT 117459 PRRY
SPACING - 60846	9/12/2014 - G91 - (160) W2 17-20N-1W EST HOVR