API NUMBER: 093 24979

Oil & Gas

Straight Hole

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

Approval Date: 10/30/2013
Expiration Date: 04/30/2014

PERMIT TO DRILL

POT LOCATIO	N: N2 S2 NE S	SE FEET FRO	DM QUARTER: FROM LINES:  Well No:		EAST 660 Well	l will be 660	feet from nearest u	ınit or lease boundary.
Operator Name:	BRG PETROLEUM LLC			Telephone: 918	4962626	OTC	OCC Number:	21665 0
-	TROLEUM LLC YALE AVE STE 600	OK 74136	S-6353		THOMAS ROA 4104 SE 14TH DEL CITY		OK 731	152
Formation(s		sted Formation	• ,		Name		Denth	
	Name	sted Formation	Depth	6	Name		Depth 7500	
1	Name COTTAGE GROVE	sted Formation	<b>Depth</b> 5900	6 7	MISSISSIPPI		7500	
	Name	sted Formation	Depth					
1 2	Name COTTAGE GROVE LAYTON	sted Formation	Depth 5900 6200	7	MISSISSIPPI		7500	
1 2 3	Name COTTAGE GROVE LAYTON OSWEGO	sted Formation	Depth 5900 6200 6600	7	MISSISSIPPI		7500	
1 2 3 4	Name COTTAGE GROVE LAYTON OSWEGO CHEROKEE CHESTER UP	sted Formation	Depth 5900 6200 6600 6800	7 8 9 10	MISSISSIPPI	Increase	7500	
1 2 3 4 5	Name COTTAGE GROVE LAYTON OSWEGO CHEROKEE CHESTER UP 122170 284917	sted Formation	Depth 5900 6200 6600 6800 7200	7 8 9 10	MISSISSIPPI	Increase Special C	7500 8150 d Density Orders:	

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: 35000 Average: 5000 H. 20-MIL LINER REQUIRED

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Notes:

Description Category

10/30/2013 - G30 - (160) 25-20N-10W EST OSWG, MNNG, MISS **SPACING - 122170** 

**SPACING - 284917** 10/30/2013 - G30 - (160) 25-20N-10W

VAC 35526 LYTN, RDFK, CRUNC

EXT 159172 CGGV, LYTN, CSTRU, CHRK, HNTN