

West Pearl 36 State Com #3H  
E/2 E/2 of Section 36, T-19S, R-34E, Lea County, New Mexico

			Tract 1
			Lease VB-0797
			Tract 2
			Lease E0-6005-3

**Tract 1      E/2 NE/4 of Section 36, T-19S, R-36E, Lea County, New Mexico Operating Rights Ownership**

41.437500% COG Operating LLC  
25.000000% Liberty Energy, LLC  
17.000000% McCombs Energy, Ltd.  
9.062500% Rubicon Oil & Gas II, LP  
5.000000% G&G Limited  
1.500000% David W. Logan  
1.000000% Danny W. Jones

100.000000%	Committed Interest	100.000000%	Uncommitted Interest	0.000000%
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**Lease VB-0797**      Rubicon Oil and Gas II, LP record title owner  
Communitization Agreement executed by record title owner and Operator

**Tract 2      E/2 SE/4 of Section 36, T-19S, R-34E, Lea County, New Mexico Operating Rights Ownership**

27.574750% COG Operating LLC  
5.647840% McCombs Energy, Ltd.  
66.777410% Mobil Producing Texas & New Mexico Inc.

100.000000%	Committed Interest	100.000000%	Uncommitted Interest	0.000000%
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**Lease E0-6005-3**      **Magnum Hunter Production, Inc. record title owner**  
**Communitization Agreement not executed by record title owner**

**Spacing Unit Operating Rights Ownership - E/2 E/2 of Section 36, T-19S, R-34E, Lea County, New Mexico**

34.506125% COG Operating LLC  
12.500000% Liberty Energy, LLC  
11.323920% McCombs Energy, Ltd.  
4.531250% Rubicon Oil & Gas II, LP  
2.500000% G&G Limited  
0.750000% David W. Logan  
0.500000% Danny W. Jones  
33.388705% Mobil Producing Texas & New Mexico Inc.

100.000000%	Committed Interest	34.638705%	Uncommitted Interest	0.000000%
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**Spacing Unit Record Title Ownership - E/2 E/2 of Section 36, T-19S, R-34E, Lea County, New Mexico**

50.000000% Lease VB-0797: Rubicon Oil & Gas II, LP  
**50.000000% Lease E0-6005-3: Magnum Hunter Production, Inc.**

100.000000%	Committed Interest	50.000000%	Uncommitted Interest	50.000000%
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**Uncommitted Interests**

**BEFORE THE OIL CONVERSION  
DIVISION**

Santa Fe, New Mexico

**Exhibit No. 5**

Submitted by: **COG OPERATING LLC**

Hearing Date: July 23, 2015