

OPERATOR: COG Operating, LLC
 WELL/LEASE: Lusk Deep Unit A # 30 H
 COUNTY: Lea Co., New Mexico
 Sec. 20, T19S, R28E

**STATE OF NEW MEXICO
 DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
385	1	5,073	1
785	1	5,694	1
1,226	1	6,330	1/2
1,754	1/4	7,155	1 3/4
1,987	1/2	7,856	1 3/4
2,240	1/4	8,296	2 1/4
2,828	1/2	8,552	2
3,058	1/2		
3,323	1/4		
3,661	1 1/2		
3,847	2 1/2		
3,989	1 3/4		
4,169	1 3/4		
4,785	1 3/4		

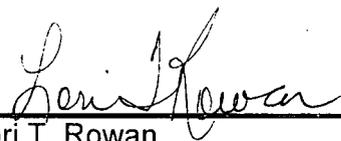
Patriot Drilling, LLC


 M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 16th day of January, 2014 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 02/01/2015




 Lori T. Rowan
 Notary Public for Ector Co., Texas