



PATRIOT DRILLING, LLC

30-015-42016

OPERATOR: COG Operating, LLC
WELL/LEASE: Bluethunder 5 Fed Com # 5 H
COUNTY: Eddy Co., NM
Sce.4, T19S, R31E

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
394	3/4	4,917	2
662	1/2	5,098	3 1/2
1,242	1/2	5,477	2 3/4
1,800	1	5,761	2 3/4
1,964	1	5,952	3
2,388	1 1/2	6,141	3 1/4
2,567	1 1/4	6,521	2
2,748	3/4	6,617	1 1/2
3,275	1/4	7,608	1
3,700	3/4	8,106	1 3/4
4,177	1/2		
4,599	1		

Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 15th day of March, 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

