



PATRIOT DRILLING, LLC

OPERATOR: COG Operating, LLC.
WELL/LEASE: Blue Thunder Fed 5 # 4
COUNTY: Eddy Co., New Mexico
Sec. 5, T19S, R31E

SAL
ULP

30-015-38477

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
268	1/4	2,909	1/4
559	1/2	3,148	1/2
911	1/2	3,518	3/4
1,062	1/4	3,990	1/4
1,254	1/2	4,439	3/4
1,486	1/2	4,917	1 3/4
1,605	1/4	5,392	1 3/4
1,785	1/2	5,805	1 1/2
1,976	1/2	6,280	1 1/2
2,071	1	6,725	2 3/4
2,170	1	6,878	2 1/2
2,268	1	7,074	2 1/2
2,334	1	7,297	1
2,526	1 1/2	7,551	1 1/4
2,673	1/2	7,805	1 1/4

Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 14th day of March, 2011 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

