

OPERATOR:
WELL/LEASE:
COUNTY:

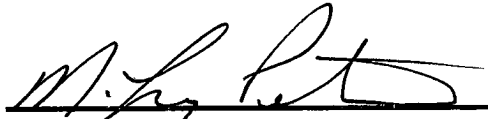
30-015-37832
COG Operating, LLC
Big Papi Fed Com # 1H
Eddy Co., New Mexico
Sec. 4, T26S, R29E Unit B
330/N & 1280/E

STATE OF NEW MEXICO
DEVIATION REPORT

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
227	1/4	2,698	4
598	1	2,850	1
697	1	3,319	1 1/4
776	3/4	3,815	1 1/2
863	1/2	4,281	1 1/2
954	1/2	4,778	1 1/4
1,045	1 1/2	5,326	1 1/2
1,138	1/2	5,715	1 1/4
1,231	1 3/4	6,789	1 1/2
1,325	1 1/2	7,290	1 1/2
1,417	1	7,778	1 1/2
1,511	1 1/2	8,255	1 1/2
1,604	1 3/4	8,755	1 3/4
1,698	1/4	9,255	1 3/4
1,790	1/4	9,741	1 1/2
1,880	1	10,250	1 1/2
2,069	1		
2,164	1		
2,258	1 1/2		
2,351	4		
2,385	3 1/2		
2,415	3 1/2		
2,509	3 3/4		
2,603	4		

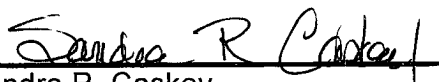


Patriot Drilling, LLC


M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 23rd day of
November, 2010 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling,
LLC.

My Commission Expires 8/22/2012


Sandra R. Caskey
Notary Public for Midland Co., Texas

