

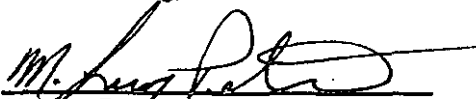
OPERATOR: COG Opertaing, LLC
WELL/LEASE: Reposado 2 State Com # 3 H
COUNTY: Eddy Co., New Mexico
Sec. 2, T26S, R29E

30-015-40652

STATE OF NEW MEXICO
DEVIATION REPORT

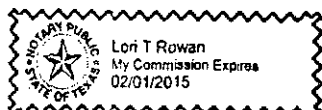
Depth	Deviation	Depth	Deviation
285	1/4	2,896	3 1/2
450	1 3/4	3,048	2 3/4
721	3/4	3,267	1 1/2
817	1/2	3,733	1 1/2
911	1/2	4,175	1 1/2
1,005	3/4	4,679	1
1,099	1 1/4	5,250	2
1,193	2 1/2	5,724	1 1/2
1,287	2 1/2	6,198	1 1/2
1,383	2 1/2	7,085	1
1,478	1 1/4	7,211	3 1/2
1,572	1	7,274	3
1,667	1	7,337	3 1/4
1,762	1 1/2	7,496	3 1/2
1,853	2	7,560	3
2,047	2 1/2	7,750	2 1/2
2,141	2 1/4	7,813	2
2,236	2 1/4	8,066	2 1/4
2,363	2 1/2	8,271	1
2,424	1 3/4	8,302	3 3/4
2,518	1 3/4	8,319	2
2,643	1 1/2	8,571	2
2,706	1 1/2	8,824	3
2,799	3	9,077	1 1/4

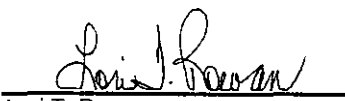
Patriot Drilling, LLC


M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 16th day of
November, 2012 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling,

My Commission Expires: 02/01/2015




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