



PO Box 1370
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(575) 748-1288

30-015-39764

December 13, 2011

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Redbud Federal #2
330' FNL & 2340' FWL
Sec. 25, T17S, R27E
Eddy County, New Mexico

Dear Sir,

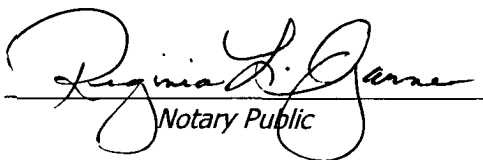
The attached is the Deviation Survey for the above captioned well.

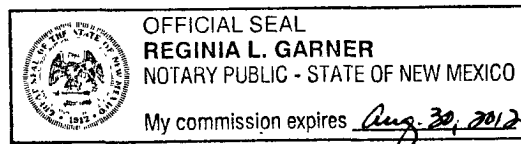
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 13th day of December, 2011.


Notary Public



Redbud Federal #2

Date	Depth	Dev/Inc
12/5/2011	65	0.40
12/5/2011	158	0.60
12/5/2011	251	0.70
12/5/2011	373	0.10
12/6/2011	619	0.40
12/7/2011	872	0.10
12/7/2011	1007	0.60
12/8/2011	1426	0.20
12/9/2011	1905	0.10
12/9/2011	2319	0.50
12/9/2011	2796	0.90
12/9/2011	3338	0.60
12/10/2011	3784	0.80
12/10/2011	4260	0.10