



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

October 31, 2011

30-015-39095

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

RE: Continental State #4
420' FNL & 2310' FWL
Sec. 15, T17S, R29E
Eddy County, New Mexico

Dear Sir,

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

Very truly yours,

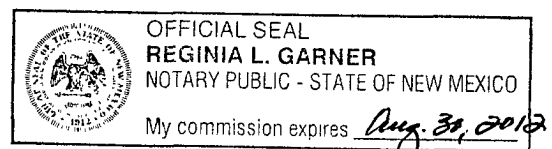
A handwritten signature in cursive script, appearing to read "Chris Graham".

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 31st day of October, 2011.

A handwritten signature in cursive script, appearing to read "Regina L. Garner".

Notary Public

Continental State #4

Date	Depth	Dev/Inc
10/22/2011	98	0.20
10/22/2011	162	0.20
10/22/2011	311	0.70
10/28/2011	406	1.00
10/23/2011	560	0.90
10/23/2011	681	0.70
10/23/2011	839	0.90
10/24/2011	950	0.40
10/24/2011	1450	0.20
10/24/2011	1950	1.00
10/24/2011	2448	0.60
10/25/2011	2925	1.10
10/25/2011	3425	0.80
10/25/2011	3912	0.50
10/26/2011	4390	0.40
10/26/2011	4868	1.30
10/27/2011	5122	0.90
10/28/2011	5569	0.70