



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

November 26, 2012

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

RE: Petrus D #11
1630' FSL & 990' FEL
Sec. 11, T17S, R33E
Lea County, New Mexico

Dear Sir,

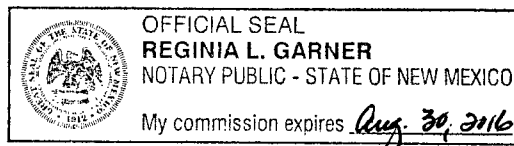
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 26th day of November, 2012.

Notary Public

HOBBS OCD

SEP 10 2013

RECEIVED

NOV 12 2013

Petrus D #11

Date	Depth	Dev/Inc
11/13/2012	117	0.30
11/13/2012	207	0.20
11/13/2012	296	0.10
11/13/2012	561	0.50
11/13/2012	716	0.60
11/13/2012	875	0.50
11/14/2012	1131	0.60
11/14/2012	1386	0.80
11/16/2012	1670	1.10
11/17/2012	1925	0.40
11/17/2012	2403	0.10
11/18/2012	2583	0.20
11/18/2012	3061	0.90
11/18/2012	3538	0.60
11/19/2012	4017	0.50
11/19/2012	4494	1.50
11/19/2012	4972	1.00
11/20/2012	5450	1.00
11/20/2012	5928	1.30