



PO Box 1370
Artesia, NM 88211-1370
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HOBBS OCD

SEP 11 2013

RECEIVED

November 12, 2012

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

30-025-40744

RE: Petrus D #10
2310' FNL & 1650' FWL
Sec. 11, T17S, R33E
Lea County, New Mexico

Dear Sir,

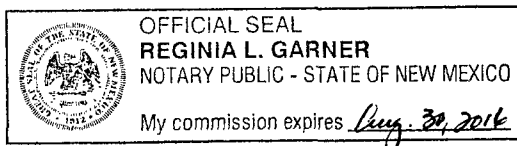
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 12th day of November, 2012.

Notary Public

NOV 05 2013

Petrus D #10

Date	Depth	Dev/Inc	Dir/AZ	TVD
11/1/2012	142	0.10		
11/1/2012	238	0.40		
11/1/2012	334	0.40		
11/1/2012	423	0.30		
11/1/2012	511	0.80		
11/1/2012	692	2.30		
11/1/2012	787	3.40		
11/2/2012	890	2.80		
11/2/2012	985	2.10		
11/3/2012	1081	1.60		
11/3/2012	1177	1.70		
11/3/2012	1272	1.60		
11/3/2012	1368	1.10		
11/5/2012	1621	1.10		
11/5/2012	1844	1.10		
11/5/2012	2130	1.00		
11/6/2012	2406	0.90		
11/6/2012	2884	2.00		
11/7/2012	3362	0.70		
11/7/2012	3871	0.50		
11/7/2012	4350	0.40		
11/8/2012	4828	0.60		
11/9/2012	5306	1.40		
11/10/2012	5785	0.60		