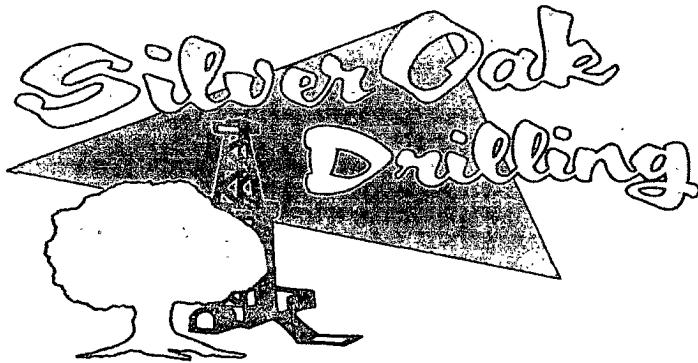
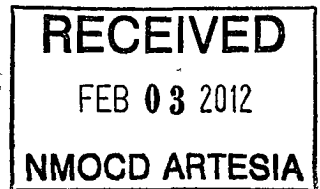




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-015-39056



August 16, 2011

Cimarex Energy Co.
Attn: Jim Evans
600 N. Marienfeld, Suite 600
Midland, TX 79701

RE: Pere Marquette 18 Federal #11
2080' FNL & 1873' FWL
Sec. 18, T17S, R29E
Eddy County, New Mexico

Dear Sir,

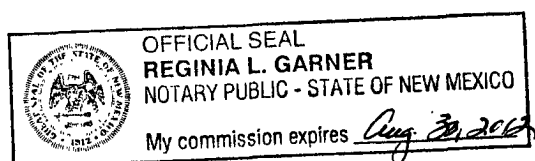
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 16th day of August, 2011.



Pason DataHub Deviation Survey

Well Dossier 1312851091 - PERE MARQUETTE 18 FED 11

#

#	Date	Depth	Deviation
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	8/9/2011	236	1.90
	8/10/2011	502	1.10
	8/10/2011	994	1.70
	8/11/2011	1467	1.10
	8/11/2011	1941	1.50
	8/12/2011	2416	0.60
	8/12/2011	2916	1.50
	8/12/2011	3360	1.00
	8/12/2011	3462	0.90
	8/13/2011	3902	1.20
	8/14/2011	4378	1.30
	8/14/2011	4652	1.00

EOF