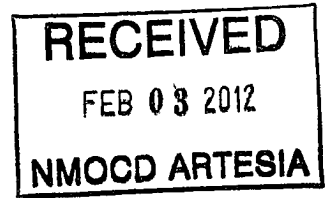


30-015-39053



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



September 30, 2011

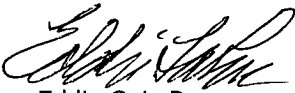
Cimarex Energy Co.
Attn: Jim Evans
600 N. Marienfeld, Suite 600
Midland, TX 79701

RE: Pere Marquette 18 Federal #7
660' FNL & 1750' FWL
Sec. 18, T17S, R29E
Eddy County, New Mexico

Dear Sir,

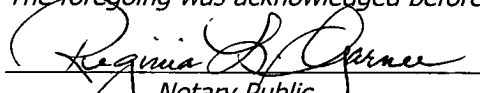
The attached is the Deviation Survey for the above captioned well.

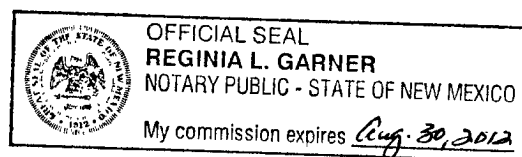
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of September, 2011.


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey

Well Dossier 1316565896 - PERE MARQUETTE 18 FED #7

#

#	Date	Depth	Deviation	Direction
	9/22/2011	288	1.20	0.00
	9/22/2011	533	2.10	0.00
	9/22/2011	687	2.30	0.00
	9/22/2011	840	2.20	0.00
	9/23/2011	964	1.70	0.00
	9/23/2011	1152	3.60	173.70
	9/23/2011	1246	3.80	174.20
	9/23/2011	1340	3.60	175.00
	9/23/2011	1435	3.20	173.50
	9/23/2011	1529	3.20	178.00
	9/24/2011	1719	4.80	177.90
	9/24/2011	1813	5.40	170.40
	9/24/2011	1907	5.10	167.70
	9/24/2011	2002	5.20	164.60
	9/24/2011	2097	5.40	179.10
	9/24/2011	2191	5.30	178.30
	9/24/2011	2287	5.30	178.30
	9/24/2011	2474	4.80	178.90
	9/24/2011	2570	6.20	173.20
	9/25/2011	2664	6.40	170.30
	9/25/2011	2759	6.20	173.10
	9/25/2011	2853	5.70	172.00
	9/25/2011	2946	5.60	170.30
	9/25/2011	3042	6.20	169.70
	9/25/2011	3137	5.80	169.20
	9/25/2011	3232	5.90	166.90
	9/26/2011	3326	5.70	162.80
	9/26/2011	3421	5.30	162.80
	9/26/2011	3516	5.40	161.40
	9/26/2011	3610	5.10	168.60
	9/26/2011	3706	5.30	168.80
	9/27/2011	3800	4.90	167.70
	9/27/2011	3895	4.50	169.10
	9/27/2011	3990	4.40	166.20
	9/27/2011	4085	4.10	168.60
	9/28/2011	4180	5.60	171.00
	9/28/2011	4274	6.20	169.90
	9/28/2011	4369	6.20	170.00
	9/28/2011	4462	5.10	172.70
	9/28/2011	4557	4.90	172.50
	9/29/2011	4652	4.10	170.50
	9/29/2011	4746	3.50	170.10
	9/29/2011	4790	3.50	168.60

EOF