

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

June 15, 2010

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

RE: GJ West Coop Unit #224
2310' FNL & 1610' FEL
Sec. 16, T17S, R29E
Eddy County, New Mexico

Dear Sir,

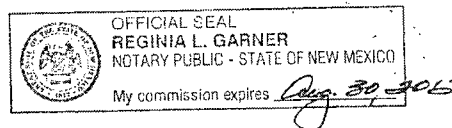
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 15th day of June, 2010.

Notary Public

GJ West Coop Unit #224

Date	Depth	Dev/Inc.	Dir/AZ	TVD
6/4/2010	326	0.70		
6/4/2010	814	2.60		
6/5/2010	1260	1.70		
6/5/2010	1737	0.70		
6/6/2010	2661	0.30		
6/6/2010	3107	0.20		
6/8/2010	2884	7.20		
6/8/2010	3075	15.60		
6/11/2010	3260	0.84	219.70	
6/11/2010	3823	0.81	242.10	
6/11/2010	3387	0.89	244.20	
6/11/2010	3451	0.86	240.60	
6/11/2010	3561	0.80	247.70	
6/11/2010	3579	0.79	245.50	
6/11/2010	3688	0.74	248.10	
6/11/2010	3752	0.50	250.50	
6/11/2010	3816	0.36	240.30	
6/12/2010	3833	0.45	259.50	
6/12/2010	3897	0.36	242.40	
6/12/2010	3961	0.21	216.80	
6/12/2010	4088	0.30	173.60	
6/12/2010	4213	0.30		
6/13/2010	4786	0.10		
4/21/1914	5225	0.00		
6/14/2010	5518	0.10		