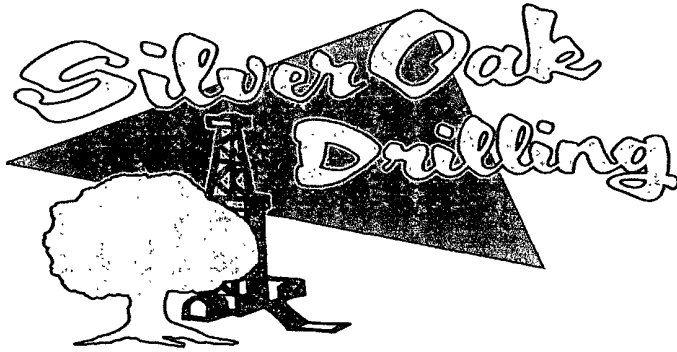
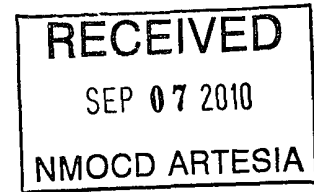




30.015.37670

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



July 9, 2010

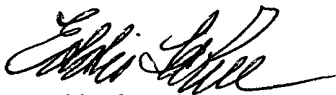
COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: GJ West Coop Unit #163
1570' FSL & 2500' FEL
Sec. 21, T17S, R29E
Eddy County, New Mexico

Dear Sir,

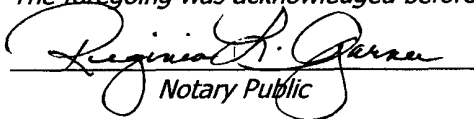
The attached is the Deviation Survey for the above captioned well.

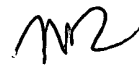
Very truly yours,

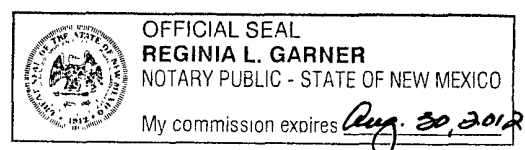

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 9th day of July, 2010.


Regina L. Garner
Notary Public





GJ West Coop Unit #231

Date	Depth	Dev	TVD
7/2/2010	366	1.00	
7/2/2010	616	1.50	
7/3/2010	832	0.90	
7/3/2010	1256	0.00	
7/4/2010	1702	0.40	
7/4/2010	2179	0.20	
7/5/2010	2625	0.50	
7/5/2010	3103	0.50	
7/5/2010	3517	0.30	
7/6/2010	3995	0.10	
7/7/2010	4599	0.20	
7/8/2010	5045	0.80	
7/8/2010	5458	0.40	

WZ