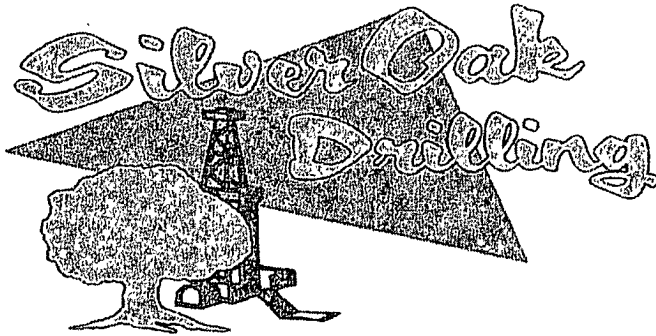




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

August 31, 2009

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

RE: BC Federal #22
990' FNL & 990' FEL
Sec. 19, T17S, R32E
Lea County, New Mexico

Dear Sir,

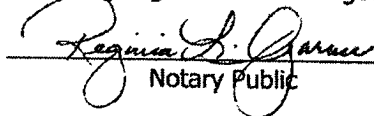
The attached is the Deviation Survey for the above captioned well.

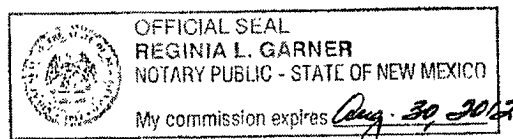
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 31st day of August, 2009.


Notary Public



Pason DataHub Deviation Survey 2009/09/01 11:10:56

Well Dossier 1250560777 - BC FED 22

#

Date Depth Deviation Direction TVD Horiz Disp

30-025-38741

A-19-175-32E

990 FNL + 990 FEL

8/18/2009	236.00	0.25	-	-	-
8/18/2009	479.00	2.00	-	-	-
8/19/2009	586.00	3.25	-	656.00	-
8/19/2009	845.00	2.50	-	915.00	-
8/20/2009	1,161.00	1.40	-	1,231.00	-
8/20/2009	1,411.00	0.50	-	1,481.00	-
8/20/2009	1,663.00	2.00	-	1,481.00	-
8/20/2009	2,048.00	2.00	-	2,118.00	-
8/21/2009	2,318.00	1.50	-	2,388.00	-
8/22/2009	2,571.00	1.10	-	2,641.00	-
8/22/2009	3,045.00	0.90	-	-	-
8/22/2009	3,547.00	1.00	-	3,587.00	-
8/22/2009	3,799.00	1.00	-	3,869.00	-
8/23/2009	4,271.00	0.50	-	-	-
8/24/2009	4,899.00	0.25	-	-	-
8/24/2009	5,342.00	0.50	-	5,412.00	-
8/25/2009	5,813.00	1.00	-	5,853.00	-
8/25/2009	6,287.00	1.50	-	6,357.00	-
8/26/2009	6,761.00	2.60	-	-	-

EOF