



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

30-015-36665

January 17, 2011

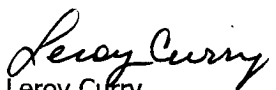
COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Polaris B Fed #29
500' FSL & 2310' FEL
Sec. 9, T17S, R30E
Eddy County, New Mexico

Dear Sir,

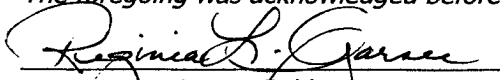
The attached is the Deviation Survey for the above captioned well.

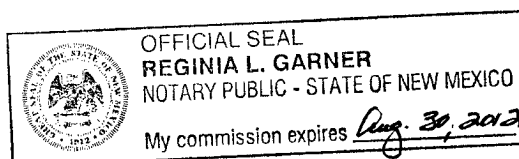
Very truly yours,


Leroy Curry
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 17th day of January, 2011.


Regina L. Garner
Notary Public



Polaris B Fed #29

Date	Depth	Dev/Inc	Dir/AZ
1/4/2011	848	0.80	
1/6/2011	1308	1.18	119.70
1/6/2011	1404	1.14	121.50
1/6/2011	1468	1.13	80.96
1/6/2011	1531	2.25	35.23
1/6/2011	1595	3.67	14.22
1/6/2011	1659	4.55	3.87
1/6/2011	1723	5.76	6.99
1/6/2011	1786	7.03	10.14
1/6/2011	1850	7.92	10.88
1/7/2011	1914	8.69	5.41
1/7/2011	2010	10.09	2.37
1/7/2011	2105	9.27	0.56
1/7/2011	2200	8.78	358.90
1/7/2011	2296	9.03	6.21
1/7/2011	2392	8.41	4.45
1/7/2011	2487	7.74	5.78
1/7/2011	2582	7.42	4.24
1/7/2011	2678	7.72	0.08
1/7/2011	2774	7.57	0.21
1/8/2011	2869	7.24	357.70
1/8/2011	2965	8.15	4.28
1/8/2011	3061	7.86	0.74
1/8/2011	3156	9.46	5.97
1/8/2011	3252	9.41	3.69
1/8/2011	3347	9.00	2.22
1/8/2011	3411	9.07	3.81
1/8/2011	3506	9.06	4.00
1/8/2011	3602	9.10	5.02
1/8/2011	3698	8.90	7.19
1/8/2011	3793	8.95	6.75
1/9/2011	3889	8.61	9.08
1/9/2011	3985	7.25	4.50
1/9/2011	4081	6.68	0.30
1/9/2011	4176	5.79	354.10
1/9/2011	4222	4.79	353.70
1/10/2011	4367	4.98	354.00
1/10/2011	4463	4.18	359.80
1/10/2011	4558	4.19	358.20
1/10/2011	4650	3.90	6.78
1/10/2011	4749	3.92	0.10
1/10/2011	4844	3.93	357.80
1/10/2011	4940	3.21	5.79
1/10/2011	5036	3.54	8.74
1/11/2011	5131	3.33	7.33
1/11/2011	5227	3.38	5.32
1/11/2011	5323	3.29	1.19
1/11/2011	5418	3.64	356.70
1/11/2011	5514	3.04	356.90
1/11/2011	5609	3.05	5.74

Polaris B Fed #29

Date	Depth	Dev/Inc	Dir/AZ
1/11/2011	5705	3.13	1.86
1/11/2011	5800	3.01	1.09
1/12/2011	5896	2.64	7.05
1/12/2011	5980	2.60	0.57