



30-015-39270

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

November 7, 2011

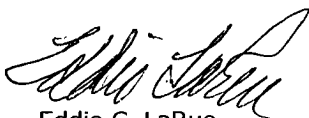
COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Folk Fed #19
660' FNL & 2310' FWL
Sec. 17, T17S, R29E
Eddy County, New Mexico

Dear Sir,

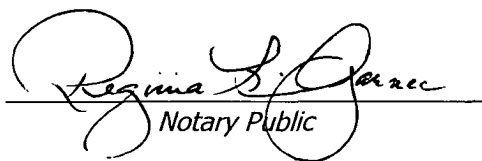
The attached is the Deviation Survey for the above captioned well.

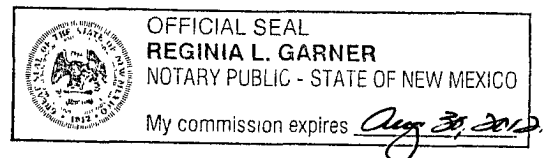
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 7th day of November, 2011.


Regina L. Garner
Notary Public



Folk Federal #19

Date	Depth	Dev/Inc	Dir/AZ
10/30/2011	130	0.40	
10/30/2011	222	0.20	
10/30/2011	305	0.50	
10/31/2011	555	0.90	
10/31/2011	839	1 10	
11/1/2011	1035	1.89	28.12
11/1/2011	1099	3.12	13.74
11/1/2011	1162	4.00	5.07
11/2/2011	1927	6.33	345.88
11/2/2011	2405	6 35	346.30
11/2/2011	2978	6.24	356.80
11/2/2011	3105	6.29	358.10
11/2/2011	3201	6.39	357.70
11/11/1900	3297	6 44	359.20
11/3/2011	3870	0.97	28.76
11/3/2011	4252	0.41	353.00
11/3/2011	4443	0 71	337.40
11/3/2011	4538	0.90	331.52
11/3/2011	4634	0.80	330.60
11/4/2011	4827	0.50	
11/4/2011	5209	0.90	
11/5/2011	5494	1.00	