



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

30-015-39310

November 4, 2011

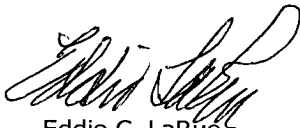
COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Foster Eddy #33
2166' FNL & 315' FEL
Sec. 17, T17S, R31E
Eddy County, New Mexico

Dear Sir,

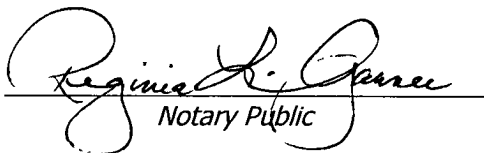
The attached is the Deviation Survey for the above captioned well.

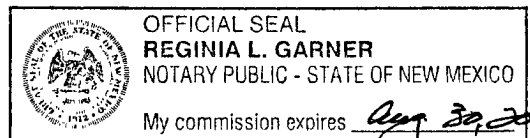
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 4th day of November, 2011.


Notary Public



Foster Eddy #33

Date	Depth	Dev/Inc	TVD
10/24/2011	226	0.80	266
10/24/2011	378	1.20	391
10/27/2011	578	1.60	633
10/27/2011	968	1.40	1021
10/27/2011	1434	2.20	1489
10/28/2011	1621	1.70	1675
10/28/2011	1821	1.10	1850
10/29/2011	2223	0.10	2295
10/30/2011	2659	0.30	
10/30/2011	3057	1.30	3167
10/30/2011	3563	1.10	3635
10/31/2011	3967	1.50	
10/31/2011	4434	1.30	4506
10/31/2011	4871	0.90	4941
11/1/2011	5242	1.20	5314
11/1/2011	5680	0.50	5750
11/2/2011	6116	0.80	6186
11/2/2011	6272	0.80	6326

Database: F e
Dataset Pathname: pass2
Presentation Format: temp
Dataset Creation: Tue Oct 25 12:47:49 2011 by Log PIP Casedhole Loggi
Charted by: Depth in Feet scaled 1:240

68

TEMP (degF)

140

TEMP
(degF)

50

100

150

70.1

71.9

76.4

84.5

99.5

110.3

107.7

← Estimated Cement Top

200

108.6

112.2

250

117.3

115.6

300

111.3

68

TEMP (degF)

140

TEMP
(degF)