



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

September 26, 2011

30-015-38227

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

RE: Dodd Federal Unit #579
1040' FSL & 1060' FEL
Sec. 10, T17S, R29E
Eddy County, New Mexico

Dear Sir,

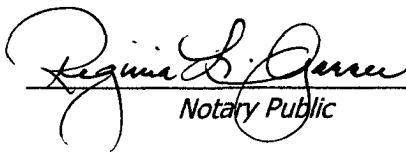
The attached is the Deviation Survey for the above captioned well.

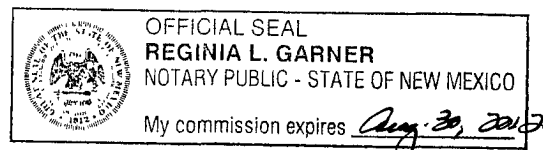
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 26th day of September, 2011.


Notary Public



Dodd Federal Unit #579

Date	Depth	Dev/Inc	Dir/AZ	TVD
9/12/2011	133	0.30		
9/13/2011	365	1.40		
9/14/2011	851	1.30		
9/15/2011	951	1.10		
9/15/2011	1490	0.30		
9/15/2011	1968	0.20		
9/16/2011	2384	0.30		
9/16/2011	2862	0.20		
9/16/2011	3308	0.30		
9/17/2011	3786	0.80		
9/17/2011	4262	0.70		

Presentation Format:

temp

Dataset Creation:

Mon Sep 12 21:36:53 2011 by Log PIP Casedhole Loggi

Charted by:

Depth in Feet scaled 1:240

30-015-39277

Dodd Federal Unit 579

77

TEMP (degF)

120

TEMP

(degF)

50

79.3

80.0

80.3

100

83.1

90.5

← Estimated Cement Top

150

101.9

105.5

200

104.9