



30-025-39543

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

HOBBS OCD

MAY 11 2011

February 21, 2011

RECEIVED

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

RE: BC Federal #47
990' FNL & 1650' FEL
Sec. 19, T17S, R32E
Lea County, New Mexico

Dear Sir,

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

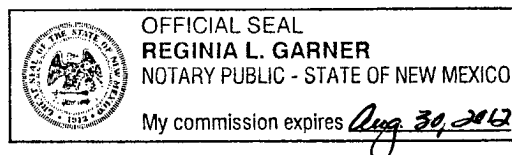
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 21st day of February, 2011.


Regina L. Garner
Notary Public



MAY 23 2011

Pason DataHub Deviation Survey
Well Dossier 2722505 - BC FED #47
#

# Date	Depth	Deviation
2/10/2011	253	0.50
2/10/2011	491	0.50
2/12/2011	986	0.60
2/12/2011	1461	0.80
2/12/2011	1935	1.50
2/14/2011	2432	0.80
2/14/2011	2904	1.40
2/14/2011	3371	1.80
2/15/2011	3849	1.60
2/15/2011	4319	0.90
2/16/2011	4794	0.60
2/16/2011	5262	0.70
2/17/2011	5737	0.10
2/18/2011	6210	0.60
2/18/2011	6682	0.30

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