



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

30-015-39326

May 14, 2013

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

RE: Big Boy State #8
275' FSL & 1560' FEL
Sec. 36, T17S, R27E
Eddy County, New Mexico



Dear Sir,

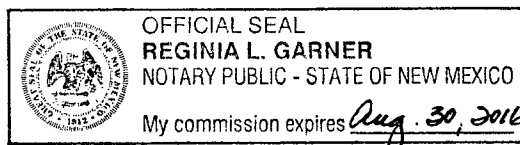
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 14th day of May, 2013.

Notary Public

Big Boy State #8

Date	Depth	Deviation	Direction
5/7/2013	138	0.70	
5/7/2013	222	0.70	
5/8/2013	466	0.70	
5/8/2013	812	0.60	
5/9/2013	1265	0.10	
5/9/2013	1703	0.70	
5/10/2013	2174	0.60	
5/10/2013	2612	1.00	
5/10/2013	3049	0.10	
5/11/2013	3488	0.50	
5/11/2013	3925	1.20	
5/11/2013	4365	0.60	
5/12/2013	4804	1.10	
5/12/2013	4957	1.70	