



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

30-015-40428

May 6, 2013

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

RE: Big Boy State #2
200' FSL & 485' FWL
Sec. 36, T17S, R27E
Eddy County, New Mexico

Dear Sir,

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

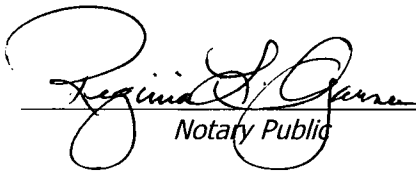
Very truly yours,

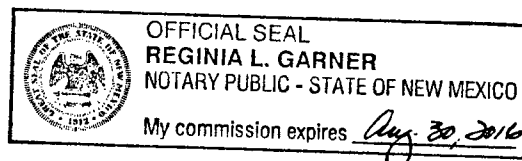

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }



The foregoing was acknowledged before me this 6th day of May, 2013.


Regina L. Garner
Notary Public



Big Boy State #2

Date	Depth	Deviation	Direction
4/28/2013	114	0.60	
4/28/2013	229	0.50	
4/29/2013	464	0.50	
4/29/2013	768	0.50	
4/30/2013	984	0.70	
5/1/2013	1454	0.30	
5/1/2013	1895	1.80	
5/1/2013	2058	1.90	
5/1/2013	2300	1.40	
5/1/2013	2520	0.20	
5/2/2013	2960	0.20	
5/2/2013	3399	1.00	
5/2/2013	3679	0.60	
5/2/2013	4088	1.10	
5/3/2013	4525	1.60	
5/3/2013	4934	1.60	