

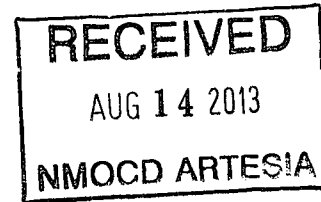


PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

HOBBS OCD

SEP 04 2013

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March 14, 2013

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

RE: Branex-COG Federal #12
1560' FSL & 1760' FWL
Sec. 9, T17S, R32E
Lea 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 March, 2013.

Notary Public

NOV 12 2013

Branex-COG Federal #12

Date	Depth	Deviation
3/4/2013	112	0.70
3/5/2013	202	0.70
3/5/2013	290	0.8
3/5/2013	378	0.60
3/5/2013	467	0.90
3/5/2013	558	0.80
3/5/2013	891	0.80
3/7/2013	1170	0.70
3/7/2013	1609	0.40
3/7/2013	2078	1.30
3/7/2013	2225	1.50
3/9/2013	2513	0.90
3/9/2013	2983	0.70
3/9/2013	3421	0.30
3/10/2013	3891	0.20
3/10/2013	4360	0.20
3/10/2013	4798	0.40
3/11/2013	5237	0.90
3/11/2013	5705	0.10
3/11/2013	6143	0.30
3/12/2013	6581	0.10
3/12/2013	6947	0.60