



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

HOES OCD

AUG 10 2013

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June 10, 2013

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

30-025-41028

RE: West Pearl 36 State SWD #1
990' FNL & 990' FEL
Sec. 36, T19S, R34E
Lea County, New Mexico

Dear Sir,

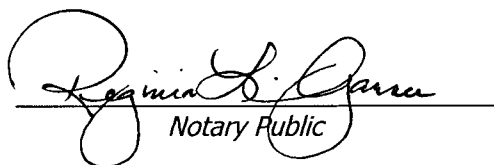
The attached is the Deviation Survey for the above captioned well.

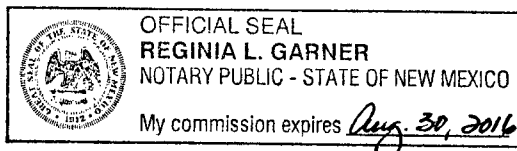
Very truly yours,


Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 10th day of June, 2013.


Notary Public



WEST PEARL 36 STATE SWD 1

Date	Depth	Deviation	Direction
5/24/2013	322	0.60	0.00
5/24/2013	657	0.40	0.00
5/25/2013	1177	0.50	0.00
5/26/2013	1769	0.40	0.00
5/27/2013	2116	1.70	35.90
5/28/2013	2299	3.00	46.80
5/28/2013	2516	2.70	78.40
5/28/2013	2836	4.30	75.30
5/28/2013	3029	3.20	94.80
5/28/2013	3150	4.10	95.60
5/28/2013	3314	3.00	91.10
5/28/2013	3444	0.00	0.00
5/30/2013	3859	1.40	0.00
5/30/2013	4293	1.70	0.00
5/30/2013	4765	0.70	0.00
5/31/2013	5202	0.30	0.00
5/31/2013	5636	0.60	0.00
5/31/2013	6075	0.90	0.00
5/31/2013	6574	0.90	0.00
6/1/2013	6982	1.20	0.00
6/1/2013	7417	0.50	0.00
6/1/2013	7854	0.70	0.00
6/1/2013	8137	0.40	0.00
6/3/2013	8170	0.00	0.00

EOF

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