



COG OPERATIONS, LLC  
RECEIVED  
JUL 03 2013

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

ARTESIA WEST

EG 11-4-2013

HOBBS OCD

SEP 25 2013

RECEIVED

June 24, 2013

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

30-025-40933

RE: Wild Cobra 1 State SWD #1  
660' FNL & 1980' FWL  
Sec. 1, T19S, R34E  
Lea County, New Mexico

Dear Sir,

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

Very truly yours,

Chris Graham  
Drilling Superintendent

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 24<sup>th</sup> day of June, 2013.

  
Notary Public

OFFICIAL SEAL  
REGINIA L. GARNER  
NOTARY PUBLIC - STATE OF NEW MEXICO  
My commission expires Aug. 30, 2016

NOV 05 2013

WILD COBRA 1 STATE SWD 1

#	Date	Depth	Deviation	Direction
	6/10/2013	413	0.40	0.00
	6/11/2013	875	0.80	0.00
	6/11/2013	1375	0.40	0.00
	6/14/2013	1898	1.10	207.30
	6/14/2013	2148	2.10	0.00
	6/14/2013	2461	3.30	0.00
	6/14/2013	2554	2.30	213.30
	6/15/2013	2805	3.30	217.90
	6/15/2013	2898	2.10	197.10
	6/15/2013	3178	3.20	171.40
	6/15/2013	3303	2.20	157.70
	6/15/2013	3458	1.30	119.90
	6/17/2013	3724	0.80	0.00
	6/17/2013	3975	0.70	0.00
	6/17/2013	4409	0.30	0.00
	6/17/2013	4881	0.60	0.00
	6/18/2013	5317	0.80	0.00
	6/18/2013	5755	0.40	0.00
	6/18/2013	6224	0.30	0.00
	6/19/2013	6692	0.30	0.00
	6/19/2013	7130	0.70	0.00
	6/20/2013	7567	0.60	0.00
	6/20/2013	7970	1.10	0.00