

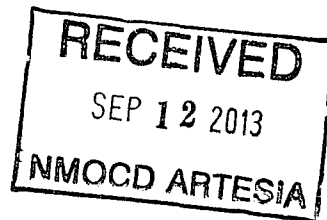


PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-015-37138

May 27, 2013

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



RE: RJ Unit #143
2264' FSL & 2310' FWL
Sec. 27, T17S, R29E
Eddy County, New Mexico

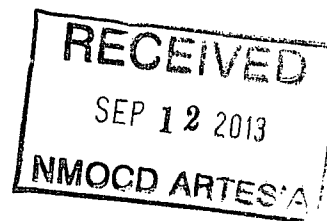
Dear Sir,

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 27th day of May, 2013.

Notary Public



RJ Unit #143

Date	Depth	Dev/Inc	Dir/AZ	TVD
5/20/2013	168	0.90		
5/20/2013	223	0.70		
5/21/2013	474	0.60		
5/21/2013	786	1.10		
5/22/2013	1316	1.30		
5/23/2013	1795	1.60		
5/23/2013	2113	1.80		
5/23/2013	2239	2.30		
5/23/2013	2302	2.40		
5/23/2013	2378	2.30		
5/23/2013	2474	2.00		
5/24/2013	2631	2.20		
5/24/2013	2756	2.10		
5/24/2013	2851	1.90		
5/24/2013	3106	1.60		
5/24/2013	3487	1.20		

