

WELL NAME AND NUMBER MC State No. 5 30-015-39369
 LOCATION Section 23, T17S, R28E, Lot J, 2310 FSL, 1650 FEL, Eddy County
 OPERATOR COG Operating LLC
 DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.0° @ 110'		
.3° @ 207'		
.2° @ 207'		
.5° @ 831'		
.4° @ 1195'		
.6° @ 1607'		
1.1° @ 2083'		
.9° @ 2495'		
1.1° @ 3000'		
.4° @ 3493'		
.5° @ 3889'		
.7° @ 4395'		
.2° @ 4872'		
.5° @ 5212'		

Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega
 (Luisa Noriega)

Title: Asst. Office Manager

Subscribed and sworn to before me this 11th day of November, 2011.

Dwight A. Chaves
 Notary Public
Chaves NM
 County State

My Commission Expires:

10-8-12