

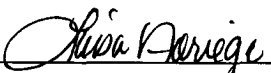
30-015-39412

WELL NAME AND NUMBER Ebony State No. 4  
 LOCATION Section 25, T17S, R27E, Lot H, 2125 FNL, 330 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
.2° @ 111'		
.5° @ 260'		
.1° @ 327'		
.3° @ 819'		
.5° @ 1318'		
.6° @ 1790'		
1.0° @ 2295'		
1.0° @ 2750'		
.7° @ 3257'		
.7° @ 3733'		
.5° @ 4209'		
.1° @ 4750'		

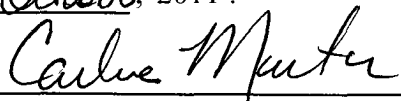
Drilling Contractor- UNITED DRILLING, INC.

By:   
 (Luisa Noriega)

Title: Asst. Office Manager



Subscribed and sworn to before me this 27<sup>th</sup> day of October, 2011.

  
 Notary Public  
Charles Muter  
 County State

My Commission Expires: 10/8/12