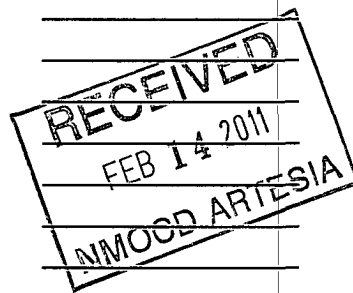


WELL NAME AND NUMBER Yale State #4 30-019-38080  
LOCATION Section 2, T17S, R30E, 990 FSL, 2310 FWL, Eddy County  
OPERATOR COG Operating LLC  
DRILLING CONTRACTOR United Drilling, Inc.

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
1/4° @ 267'		
1/4° @ 446'		
1/2° @ 757'		
3/4° @ 1074'		
1° @ 1371'		
1 1/4° @ 1867'		
3/4° @ 2374'		
1/4° @ 2876'		
3/4° @ 3318'		
1/2° @ 3864'		
1/2° @ 4366'		
1/2° @ 4809'		
1/2° @ 5322'		
1/2° @ 5813'		



Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega  
(Luisa Noriega)

Title: Assistant Office Manager

Subscribed and sworn to before me this 27<sup>th</sup> day of December, 2010.

My Commission Expires: 10-8-12

Charles Martin  
Notary Public  
Charles New Mexico  
County State

*Handwritten signature*