

WELL NAME AND NUMBER Yale State No. 10 30-015-38267
LOCATION Section 2, T17S, R30E, Lot M, 330 FSL, 990 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
.6° @ 258'	.5° @ 5980'	
2° @ 500'		
1.6° @ 621'		
.9° @ 840'		
.9° @ 1028'		
.9° @ 1282'		
.7° @ 1540'		
.0° @ 2048'		
0.0° @ 2556'		
.1° @ 3000'		
.2° @ 3507'		
.1° @ 3983'		
.2° @ 4499'		
.2° @ 4989'		
.4° @ 4997'		
.5° @ 5506'		



Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega
(Luisa Noriega)

Title: Assistant Office Manager

Subscribed and sworn to before me this 10th day of May, 2011.

Carlene Martin
Notary Public

Chaves New Mexico
County State

My Commission Expires: 10/8/12