

WELL NAME AND NUMBER Dodd Federal Unit No. 586 15-40988
 LOCATION Section 11, T17S, R29E, Unit O, 990 FSL, 2310 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
.6° @ 180'	.4° @ 4551'	
.4° @ 275'		
.5° @ 409'		
.2° @ 654'		
.2° @ 1043'		
.6° @ 1271'		
.0° @ 1586'		
.2° @ 1839'		
.1° @ 2060'		
.1° @ 2312'		
.3° @ 2565'		
.2° @ 2818'		
.1° @ 3070'		
.3° @ 3354'		
.1° @ 3638'		
.3° @ 3859'		
.1° @ 3985'		
.4° @ 4238'		

Drilling Contractor- UNITED DRILLING, INC.

By: *Angel Salazar*
 (Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 7th day of November 2014.

Luisa Noriega
 Notary Public

Chaves NM
 County State

My Commission Expires:

