

JUN 11 2015

RECEIVED

WELL NAME AND NUMBER Dodd Federal Unit No. 683
LOCATION Section 14, T17S, R29E, Unit N, 830 FSL, 1730 FWL, Eddy County
OPERATOR COG Operating LLC
DRILLING CONTRACTOR United Drilling, Inc. 3001540475

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
1.2° @ 214'	.8° @ 3744'	
1.7° @ 300'	.3° @ 3902'	
1.3° @ 489'	1.1° @ 4155'	
1.9° @ 732'	1.0° @ 4408'	
1.5° @ 969'	1.0° @ 4544'	
.9° @ 1125'		
.5° @ 1283'		
.1° @ 1441'		
.2° @ 1724'		
.4° @ 1882'		
.4° @ 2040'		
.9° @ 2324'		
.6° @ 2576'		
.6° @ 2797'		
.6° @ 2987'		
.9° @ 3177'		
.7° @ 3365'		
.8° @ 3555'		

Drilling Contractor- UNITED DRILLING, INC.

By: Angel Salazar
(Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 4th day of December 2014.

Luisa Dominguez
Notary Public
Chaves NM
County State

My Commission Expires

