

WELL NAME AND NUMBER Dodd Federal Unit No. 670

LOCATION Section 15, T17S, R29E, Unit 1, 2460 FSL, 1000 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
.1° @ 151'	.5° @ 4570'	
1° @ 259'		
1.3° @ 474'		
1.4° @ 717'		
1.3° @ 987'		
1° @ 1156'		
.7° @ 1409'		
.5° @ 1661'		
.6° @ 1976'		
.5° @ 2261'		
.7° @ 2514'		
.8° @ 2767'		
.6° @ 3083'		
.5° @ 3336'		
.5° @ 3588'		
.6° @ 3872'		
.5° @ 4187'		
.7° @ 4441'		

Drilling Contractor- UNITED DRILLING, INC.

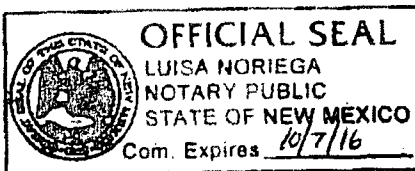
By: Ramon Gonzalez

(Ramon Gonzalez)

Title: Superintendent

Subscribed and sworn to before me this 23rd day of December 2014.

My Commission Expires:



Luisa Noriega
Notary Public

Chaves NM
County State