

WELL NAME AND NUMBER Dodd Federal Unit No. 675 15-40474
LOCATION Section 14, T17S, R29E, Unit D, 150 FNL, 660 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
.7° @ 149'	.1° @ 4153'	
.1° @ 235'	.7° @ 4374'	
.6° @ 310'	.6° @ 4576'	
.2° @ 518'		
1.6° @ 762'		
1.0° @ 985'		
.9° @ 1142'		
.7° @ 1405'		
.6° @ 1627'		
.7° @ 1879'		
.6° @ 2132'		
.3° @ 2385'		
.4° @ 2637'		
.4° @ 2859'		
.7° @ 3111'		
.3° @ 3364'		
.0° @ 3648'		
.2° @ 3900'		

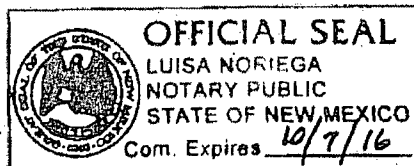
Drilling Contractor- UNITED DRILLING, INC.

By: Angel Salazar
(Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 22nd day of October 2014.

My Commission Expires:



Luisa Noriega
Notary Public
Chaves NM
County State