

JAN 20 2015

WELL NAME AND NUMBER **Dodd Federal Unit No. 677**

RECEIVED

LOCATION **Section 14, T17S, R29E, Unit L, 2411 FSL, 491 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
1.2° @ 152'	.1° @ 4433'	
1.7° @ 284'	.3° @ 4554'	
1.8° @ 470'		
1.9° @ 623'		
1.4° @ 874'		
.9° @ 1118'		
.8° @ 1339'		
.6° @ 1592'		
.5° @ 1844'		
.7° @ 2128'		
.7° @ 2380'		
.8° @ 2602'		
.5° @ 2854'		
.2° @ 3107'		
.2° @ 3360'		
.2° @ 3612'		
.2° @ 3865'		
.3° @ 4212'		

Drilling Contractor- **UNITED DRILLING, INC.**

By:

Angel Salazar
(Angel Salazar)

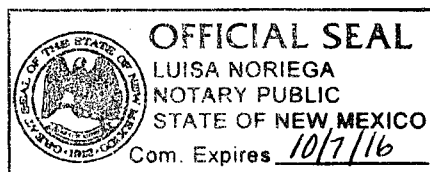
Title:

Vice President

Subscribed and sworn to before me this 18th day of November 2014.

Luisa Noriega
Notary Public

My Commission Expires:



Chaves *NM*
County State