

WELL NAME AND NUMBER Fir Federal No. 3 30-015-39466  
LOCATION Section 25, T17S, R27E, Lot L, 1710 FSL, 330 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° @ 139'		
.1° @ 385'		
.3° @ 826'		
.5° @ 1286'		
.4° @ 1731'		
.4° @ 2206'		
.4° @ 2619'		
.4° @ 3031'		
.6° @ 3506'		
.7° @ 3950'		
.6° @ 4362'		
.2° @ 4660'		

Drilling Contractor- UNITED DRILLING, INC.

By: *Luisa Noriega*  
(Luisa Noriega)

Title: Asst. Office Manager

Subscribed and sworn to before me this 5<sup>th</sup> day of December 2011.

My Commission Expires: 10/8/12

*Charles Martin*  
Notary Public  
Chaves New Mexico  
County State