

30.015.39462

WELL NAME AND NUMBER **Fir Federal No. 4**

LOCATION **Section 25, T17S, R27E, Lot L, 2235 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
.8° @ 115'		
1.0° @ 669'		
1.3° @ 1415'		
.8° @ 1668'		
.8° @ 2112'		
1.0° @ 2588'		
.2° @ 3476'		
.6° @ 3951'		
.5° @ 4395'		
.8° @ 4675'		

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

By: *Luisa Noriega*
(Luisa Noriega)

Title: Asst. Office Manager

Subscribed and sworn to before me this 19th day of December 2011.

My Commission Expires: 10/8/12

Charles Muten
Notary Public
Charles New Mexico
County State