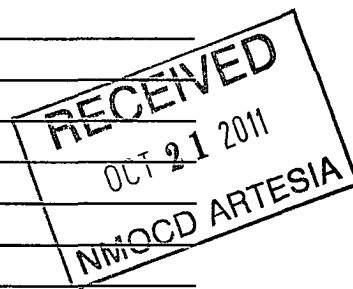


WELL NAME AND NUMBER Firecraker State No. 2 30-015-37506
LOCATION Section 14, T17S, R28E, 990 FSL, 1650 FEL Eddy County
OPERATOR COG Operating LLC
DRILLING CONTRACTOR United Drilling, Inc.

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° @ 82'		
.2° @ 332'		
.5° @ 422'		
.6° @ 516'		
.1° @ 695'		
.4° @ 854'		
.3° @ 1351'		
.4° @ 1826'		
.5° @ 2302'		
.4° @ 2800'		
.1° @ 3284'		
.7° @ 3794'		
.6° @ 3951'		
.7° @ 4426'		
1.2° @ 4902'		
.7° @ 5405'		



Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega
(Luisa Noriega)

Title: Asst. Office Manager

Subscribed and sworn to before me this 2nd day of August, 2011.

Charles Martin
Notary Public
Chaves New Mexico
County State

My Commission Expires: 10/8/12