

30-015-38300

WELL NAME AND NUMBER Kiowa State No. 1

LOCATION Section 36, T17S, R27E, Lot F, 1665 FNL, 2205 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:

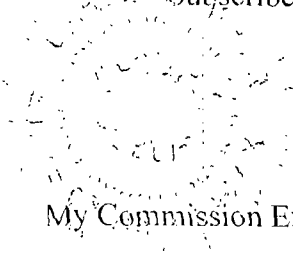
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.3° @ 78'		
.4° @ 140'		
.7° @ 230'		
.3° @ 443'		
.1° @ 816'		
.2° @ 1032'		
.1° @ 1145'		
.6° @ 1638'		
.0° @ 2081'		
.2° @ 2585'		
.4° @ 3064'		
.5° @ 3508'		
.5° @ 3980'		
.2° @ 4332'		
1.0° @ 4778'		

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 October, 2011.



Carlene Martin  
Notary Public  
Chaves New Mexico  
County State

My Commission Expires: 10/8/12