

30-015-38420

WELL NAME AND NUMBER Kiowa State No. 3LOCATION Section 36, T17S, R27E, Lot G, 1460 FNL, 1539 FEL, Eddy CountyOPERATOR COG Operating LLCDRILLING 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
.05° @ 106'	.6° @ 4807'	
1.0° @ 217'		
1.2° @ 451'		
.7° @ 574'		
.6° @ 816'		
1.0° @ 1096'		
1.2° @ 1320'		
1.6° @ 1573'		
1.4° @ 1828'		
1.3° @ 2050'		
.5° @ 2335'		
.3° @ 2777'		
.1° @ 3222'		
1.0° @ 3666'		
.7° @ 4111'		
.4° @ 4585'		

Drilling Contractor- UNITED DRILLING, INC.By: Luis Noriega
(Luis Noriega)Title: Asst. Office ManagerSubscribed and sworn to before me this 19th day of October, 2011.Carlue Martin
Notary PublicChaves New Mexico
County StateMy Commission Expires: 10/19/11