

WELL NAME AND NUMBER Randall Federal No. 4 30-015-38355
 LOCATION Section 7, T17S, R30E, 1020 FSL, 990 FEL, Eddy County UL P
 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° @ 393'		
.8° @ 621'		
1.2° @ 868'		
.8° @ 1121'		
.8° @ 1290'		
.2° @ 1544'		
6.1° @ 2016'		
.2° @ 2491'		
.2° @ 2968'		
.2° @ 3379'		
.7° @ 3919'		
.2° @ 4426'		
0.0° @ 4965'		

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Drilling Contractor- UNITED DRILLING, INC.

By: *Luisa Noriega*
 (Luisa Noriega)

Title: Assistant Office Manager

Subscribed and sworn to before me this 31st day of May, 2011.

Carlo Martin
 Notary Public

Chaves New Mexico
 County State

My Commission Expires: 10/8/12