

30-025-39874

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MAR 25 2011

WELL NAME AND NUMBER MC Federal #51

HOBBSCOCD

LOCATION Section 21, T17S, R32E, 1770 FNL, 100 FEL, Lea 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
1° @ 290'		
2 1/4° @ 534'		
4 1/2° @ 853'		
4° @ 1099'		
3 1/2° @ 1321'		
1 3/4° @ 1606'		
1 1/4° @ 1859'		
1/2° @ 6071'		
1° @ 6503'		
1° @ 7035'		

Drilling Contractor- UNITED DRILLING, INC.By: Luisa Noriega

(Luisa Noriega)

Title: Assistant Office ManagerSubscribed and sworn to before me this 21st day of February, 2011.Charles Martin

Notary Public

Charles New Mexico

County

State

My Commission Expires: 10/8/12

KZ

APR 26 2011