

WELL NAME AND NUMBER Big Boy State No. 7

30015-39325

LOCATION Section 36, T17S, R27E, Lot O, 990 FSL, 2210 FEL, Eddy County

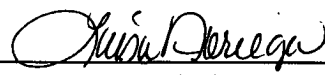
OPERATOR COG Operating LLC

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:

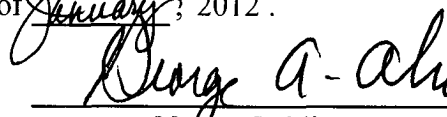
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.1° @ 102'		
.7° @ 209'		
.9° @ 488'		
.3° @ 731'		
.2° @ 858'		
.8° @ 1287'		
1.2° @ 1762'		
1.3° @ 2206'		
1.3° @ 2650'		
1.1° @ 3127'		
.5° @ 3601'		
.8° @ 4077'		
.6° @ 4552'		
1.7° @ 5046'		

Drilling Contractor- UNITED DRILLING, INC.

By: 
(Luisa Noriega)

Title: Asst. Office Manager

Subscribed and sworn to before me this 12th day of January, 2012.


Notary Public

Chaves NM
County State

My Commission Expires:

10-8-12