

30-015-39202

WELL NAME AND NUMBER Yale State No. 20

LOCATION Section 2, T17S, R30E, Lot K, 2310 FSL, 2310 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
.58° @ 140'		
.89° @ 235'		
.98° @ 325'		
1.24° @ 432'		
.98° @ 507'		
.96° @ 789'		
.90° @ 1106'		
1.06° @ 1429'		
.98° @ 1741'		
.48° @ 2153'		
.47° @ 2660'		
.51° @ 3132'		
.65° @ 3631'		
.70° @ 4209'		
.29° @ 5253'		
.35° @ 5696'		



Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega
(Luisa Noriega)

Title: Asst. Office Manager

Subscribed and sworn to before me this 5th day of September 2011.

Charles Martin
Notary Public
Chaves New Mexico
County State

My Commission Expires: 10/8/12