

OCT 24 2012

NMOCD ARTESIA

WELL NAME AND NUMBER Carmen 3 Federal Com 5H

LOCATION Section 3, T17S, R30E, Lot 4, 990 FNL, 330 FWL, Eddy County

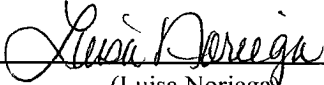
OPERATOR COG Operating LLC

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:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
| <u>.3° @ 93'</u> | | |
| <u>.3° @ 312'</u> | | |
| <u>.4° @ 764'</u> | | |
| <u>1.0° @ 1263'</u> | | |
| <u>.5° @ 1713'</u> | | |
| <u>.5° @ 2153'</u> | | |
| <u>.7° @ 2597'</u> | | |
| <u>.5° @ 3040'</u> | | |
| <u>.3° @ 3484'</u> | | |
| <u>.5° @ 3928'</u> | | |
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Drilling Contractor- UNITED DRILLING, INC.

By: 
(Luisa Noriega)

Title: Asst. Office Manager

Subscribed and sworn to before me this 26th day of June, 2012.


Notary Public

Chaves New Mexico
County State

My Commission Expires: 10/8/12