

30-015-38309

WELL NAME AND NUMBER Kiowa State No. 1
LOCATION Section 36, T17S, R27E, Lot F, 1665 FNL, 2205 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 |
|-----------------|-----------------|-----------------|
| .3° @ 78' | | |
| .4° @ 140' | | |
| .7° @ 230' | | |
| .3° @ 443' | | |
| .1° @ 816' | | |
| .2° @ 1032' | | |
| .1° @ 1145' | | |
| .6° @ 1638' | | |
| .0° @ 2081' | | |
| .2° @ 2585' | | |
| .4° @ 3064' | | |
| .5° @ 3508' | | |
| .5° @ 3980' | | |
| .2° @ 4332' | | |
| 1.0° @ 4778' | | |
| | | |
| | | |

Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega
(Luisa Noriega)

Title: Asst. Office Manager

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

My Commission Expires: 10/8/12

Carlene Martin
Notary Public
Chaves New Mexico
County State