

30-015-37080

WELL NAME AND NUMBER Electra Federal No. 38

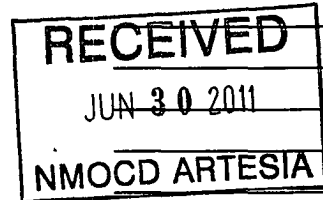
LOCATION Section 15, T17S, R30E, 870 FNL, 2310 FWL, Eddy County

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
.6° @ 257'	.3° @ 5940'	
.75° @ 381'		
2.4° @ 541'		
2.4° @ 754'		
2.6° @ 1037'		
2.4° @ 1227'		
2.3° @ 1363'		
.8° @ 1700'		
1.3° @ 2204'		
.6° @ 2677'		
.8° @ 3154'		
.0° @ 3630'		
.3° @ 4104'		
.6° @ 4609'		
.3° @ 5111'		
.4° @ 5589'		



Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega
(Luisa Noriega)

Title: Assistant Office Manager

Subscribed and sworn to before me this 19th day of May, 2011.

Charles Martin
Notary Public

Chaves NM
County State

My Commission Expires: 10/8/12