

WELL NAME AND NUMBER Burch Keely Unit No. 931H 30 015 42 761  
 LOCATION Section 13, T17S, R29E, Unit D, 820 FNL, 300 FWL, Eddy Cty  
 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
.5° @ 294'	11.6° @ 4488'	69.2° @ 5064'
.7° @ 658'	15.6° @ 4520'	72.0° @ 5096'
.8° @ 967'	19.7° @ 4551'	75.1° @ 5129'
.4° @ 1223'	23.5° @ 4582'	78.0° @ 5160'
.6° @ 1477'	26.8° @ 4614'	81.4° @ 5193'
.6° @ 1797'	29.5° @ 4646'	84.8° @ 5225'
1.1° @ 2117'	32.0° @ 4678'	88.5° @ 5257'
1.3° @ 2395'	34.9° @ 4710'	89.9° @ 5285'
1.8° @ 2714'	37.8° @ 4742'	90.6° @ 5317'
1.6° @ 3013'	40.9° @ 4775'	90.1° @ 5446'
1.9° @ 3306'	44.0° @ 4807'	90.0° @ 5543'
.7° @ 3622'	47.5° @ 4839'	89.7° @ 5639'
2.3° @ 3944'	51.3° @ 4871'	89.5° @ 5736'
2.5° @ 4274'	54.6° @ 4903'	90.9° @ 5927'
.4° @ 4327'	57.5° @ 4935'	91.1° @ 6023'
.4° @ 4360'	60.2° @ 4967'	91.3° @ 6120'
1.3° @ 4392'	63.3° @ 5000'	90.3° @ 6409'
4.1° @ 4423'	66.3° @ 5032'	90.7° @ 6505'

Drilling Contractor- UNITED DRILLING, INC.

By: *Angel Salazar*  
 (Angel Salazar)

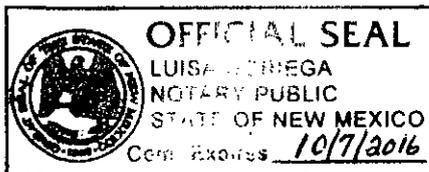
Title: Vice President

Subscribed and sworn to before me this 25<sup>th</sup> day of August 2015.

*Luisa Noriega*  
 Notary Public

Chaves NM  
 County State

My Commission Expires:



WELL NAME AND NUMBER Burch Keely Unit No. 931H  
 LOCATION Section 13, T17S, R29E, Unit D, 820 FNL, 300 FWL, Eddy Cty  
 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
90.6° @ 6600'	91.7° @ 8496'	
92.1° @ 6697'	91.3° @ 8592'	
91.6° @ 6897'	91.5° @ 8689'	
91.3° @ 6953'	90.8° @ 8785'	
91.0° @ 7049'	89.7° @ 8882'	
90.9° @ 7145'	89.1° @ 8978'	
90.2° @ 7242'	89.8° @ 9073'	
91.7° @ 7338'	90.1° @ 9169'	
91.6° @ 7435'	90.0° @ 9266'	
91.3° @ 7531'	92° @ 9458'	
90.9° @ 7627'	91.6° @ 9558'	
90.8° @ 7723'	91.4° @ 9648'	
90.5° @ 7820'	91.6° @ 9743'	
90.2° @ 7916'	91.8° @ 9839'	
92.4° @ 8013'	91.8° @ 9936'	
92.0° @ 8109'	91.7° @ 10032'	
92.1° @ 8206'	91.6° @ 10096'	
91.9° @ 8400'		

Drilling Contractor- UNITED DRILLING, INC.

By: *Angel Salazar*  
 (Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 25<sup>th</sup> day of August 2015.

*Luisa Noriega*  
 Notary Public

Chaves NM  
 County State

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