

MAY 6 7 00

1 of 2

15-42917

WELL NAME AND NUMBER Churchmouse 1 Fed Com PDK No. 18H RECEIVED  
LOCATION Section 1, T17S, R29E, Unit P, 350 FSL, 180 FEL, 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
.5° @ 325'	16.4° @ 4003'	77.9° @ 4634'
.2° @ 913'	20.3° @ 4034'	80.2° @ 4665'
1.3° @ 958'	24.0° @ 4066'	82.1° @ 4697'
1.4° @ 1080'	27.2° @ 4098'	83.8° @ 4728'
.3° @ 1370'	30.1° @ 4129'	86.6° @ 4760'
.2° @ 1654'	30.0° @ 4161'	89.8° @ 4796'
.2° @ 1990'	36.5° @ 4192'	89.8° @ 4861'
.1° @ 2290'	39.6° @ 4224'	94.1° @ 4917'
.2° @ 2590'	42.5° @ 4255'	92.1° @ 5011'
.3° @ 2906'	44.2° @ 4287'	92.0° @ 5106'
.4° @ 3222'	46.9° @ 4319'	91.9° @ 5201'
.5° @ 3511'	49.8° @ 4350'	91.6° @ 5296'
.8° @ 3783'	55.3° @ 4413'	91.3° @ 5391'
.6° @ 3814'	58.2° @ 4445'	90.9° @ 5675'
3.8° @ 3877'	61.5° @ 4476'	90.7° @ 5769'
6.5° @ 3908'	64.3° @ 4508'	90.6° @ 5864'
9.6° @ 3940'	67.7° @ 4539'	90.2° @ 5959'
12.9° @ 3972'	71.3° @ 4571'	91.2° @ 6053'

Drilling Contractor- UNITED DRILLING, INC.

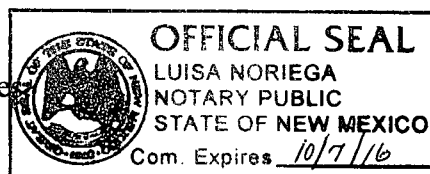
By: Angel Salazar  
(Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 2nd day of March 2015.

Luisa Noriega  
Notary Public  
Chaves NM  
County State

My Commission Expires




MAY 17 2015 2 of 2

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Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
90.7° @ 6242'	90.2° @ 8042'	
90.4° @ 6337'	90.0° @ 8136'	
91.6° @ 6432'	90.0° @ 8231'	
91.3° @ 6527'	89.8° @ 8326'	
91.3° @ 6621'	89.7° @ 8420'	
91.1° @ 6717'	91.7° @ 8515'	
91.5° @ 6811'	92.0° @ 8609'	
90.4° @ 6906'	92.3° @ 8702'	
90.5° @ 7001'	92.7° @ 8796'	
90.6° @ 7095'	92.7° @ 8844'	
91.1° @ 7190'		
90.6° @ 7285'		
90.7° @ 7379'		
90.7° @ 7474'		
91.0° @ 7568'		
91.0° @ 7663'		
91.2° @ 7758'		
91.6° @ 7853'		

Drilling Contractor- UNITED DRILLING, INC.

By:   
(Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 2nd day of March 2015.

  
Notary Public

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