

WELL NAME AND NUMBER Loco Hills SWD 33 #4LOCATION Section 33, T17S, R30E, 840 FSL, 660 FEL, Eddy CountyOPERATOR COG Operating LLCDRILLING 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
.35 @ 7676'	2.2 @ 9414'	
.62 @ 7764'	1.8 @ 9477'	
.7 @ 7864'	2.4 @ 9675'	
.88 @ 7991'		
.97 @ 8118'		
.97 @ 8245'		
.62 @ 8372'		
.62 @ 8530'		
1.3 @ 8717'		
.8 @ 8769'		
1.6 @ 8959'		
3.2 @ 9086'		
2.6 @ 9161'		
1.7 @ 9224'		
1.5 @ 9287'		
1.3 @ 9351'		

Drilling Contractor- UNITED DRILLING, INC.By: Luisa Noriega

(Luisa Noriega)

Title: Assistant Office ManagerSubscribed and sworn to before me this 16th day of February, 2010.

Notary Public

County

State

My Commission Expires: 10/8/10

WELL NAME AND NUMBER Loco Hills SWD 33 #4LOCATION Section 33, T17S, R30E, 840 FSL, 660 FEL, Eddy CountyOPERATOR COG Operating LLCDRILLING CONTRACTOR United Drilling, Inc.

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Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.4 @ 196'	.1 @ 4710'	1.4 @ 6095'
1 @ 648'	.2 @ 4826'	.4 @ 6126'
3/4 @ 1125'	1.4 @ 4921'	2 @ 6221'
1/2 @ 1600'	1.7 @ 5027'	2.7 @ 6296'
1 @ 2117'	1.5 @ 5123'	2.1 @ 6359'
3/4 @ 2623'	1.5 @ 5186'	3.08 @ 6375'
3/4 @ 3088'	.7 @ 5250'	1.58 @ 6502'
.1 @ 3372'	.2 @ 5345'	1.32 @ 6629'
.2 @ 3544'	1.2 @ 5440'	1.76 @ 6755'
.1 @ 3701'	.1 @ 5492'	.35 @ 6881'
.2 @ 3838'	.8 @ 5556'	.18 @ 7008'
.6 @ 4097'	.9 @ 5651'	.29 @ 7199'
.5 @ 4192'	1.5 @ 5789'	.70 @ 7294'
.6 @ 4287'	.2 @ 5852'	1.06 @ 7389'
1.0 @ 4457'	1.0 @ 5947'	1.06 @ 7484'
.3 @ 4583'	.9 @ 6042'	1.41 @ 7579'

Drilling Contractor- UNITED DRILLING, INC.By: *Luisa Noriega*
(Luisa Noriega)Title: Assistant Office ManagerSubscribed and sworn to before me this 16th day of February 2010.

Cesar Martinez
Notary Public
Chaves New Mexico
County State

My Commission Expires: 10/8/10