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	LOCATION Section 25, T	ER Dogwood Federal No. 4 C17S, R27E, Lot F, 2310 FNL, 22	30-015-39467 275 FWL, Eddy County
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			
who drilled the above described well and had conducted deviation test and obtained the following results: Degrees @ Depth	DRILLING CONTRACTOR	United Drilling, Inc.	
Drilling Contractor- UNITED DRILLING, INC.	who drilled the above describe		-
Drilling Contractor- UNITED DRILLING, INC.	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1° @ 353' 7° @ 514' 6° @ 758' 7° @ 981' 2° @ 1194' 2° @ 1669' 7° @ 2144' 5° @ 2652' 3° @ 3128' 0° @ 3603' 5° @ 4111' 4° @ 4586'			
17° @ 514' 6° @ 758' 7° @ 981' 2° @ 1194' 2° @ 1194' 2° @ 1244' 5° @ 2652' 3° @ 3128' 0° @ 3603' 5° @ 4111' 4° @ 4586'	1° @ 325'		
Drilling Contractor- UNITED DRILLING, INC.	1° @ 353'		
194	.7° @ 514'		
2° @ 1194' 2° @ 1669' 7° @ 2144' 5° @ 2652' 3° @ 3128' 0° @ 3603' 5° @ 4111' 4° @ 4586'			
2° @ 1669' .7° @ 2144' .5° @ 2652' .3° @ 3128' .0° @ 3603' .5° @ 4111' .4° @ 4586' Drilling Contractor- By: Winter Manager Subscribed and sworn to before me this Asst. Office Manager Notary Public Notary Public Notary Public			
Drilling Contractor UNITED DRILLING, INC. By: United Drilling Contractor By: United Drilling, Inc. By: United Drilling, Inc. By: United Drilling Contractor By: United Drilling, Inc. By:			
Drilling Contractor- UNITED DRILLING, INC. By: Asst. Office Manager Subscribed and sworn to before me this When Market 2011. Calue Market Market Notary Public Nota			
Drilling Contractor- UNITED DRILLING, INC. By:			<u></u>
Drilling Contractor UNITED DRILLING, INC. By: June June			
Drilling Contractor- UNITED DRILLING, INC. By: (Luisa Noriega) Title: Asst. Office Manager Subscribed and sworn to before me this (August Purple) (August Parker) (August Parker) (August Public Notary Public Parker)		-	
Drilling Contractor WNITED DRILLING, INC. By: Was Durga (Luisa Noriega) Title: Asst. Office Manager Subscribed and sworn to before me this 4th day of Drember 2011. Calle Market Notary Public Was a few Market			
Drilling Contractor- By: August Drugge (Luisa Noriega)			
By: Augus Moriega (Luisa Noriega) Title: Asst. Office Manager Subscribed and sworn to before me this 4th day of Wember 2011. Carlie Market Notary Public	<u>.4 (<i>W</i>, 4360</u>		
By: Augus Moriega (Luisa Noriega) Title: Asst. Office Manager Subscribed and sworn to before me this 4th day of Wember 2011. Carlie Market Notary Public			
By: Augus Moriega (Luisa Noriega) Title: Asst. Office Manager Subscribed and sworn to before me this 4th day of Wember 2011. Carlie Market Notary Public		-,-,	
Title: Asst. Office Manager Subscribed and sworn to before me this 4th day of Wember 2011. Calle Market Notary Public		Drilling Contractor-	UNITED DRILLING, INC.
Subscribed and sworn to before me this 45 day of Wember 2011. Carline Market Notary Public Notary Public		By:	
Coulus Martin Notary Public Maria Ann Maria		Title:	Asst. Office Manager
(human Touthouse	Subscribed and	sworn to before me this 46 da	ay of Avember 2011.
(human Touthouse			Carline W Jacker
	My Commission Expires	:10/8/12	Chaves New Nexua