1.25 @ 289' .50 @ 3,454' .75 @ 6,341' 1.00 @ 9,215' 1.25 @ 485' .50 @ 3,737' .75 @ 6,592' 1.50 @ 9,412' 1.25 @ 604' 1.00 @ 3,987' .75 @ 6,842' 1.00 @ 9,568' 1.00 @ 726' .75 @ 4,237' 2.50 @ 7,092' .75 @ 9,755' .75 @ 815' .75 @ 4,523' .75 @ 7,341' 1.25 @ 9,942' 1.00 @ 1,000' 1.00 @ 4,743' .75 @ 7,438' 1.50 @ 10,130' .75 @ 1,189' 1.75 @ 4,931' .75 @ 7,561' 2.00 @ 10,317' 1.50 @ 1,937' 2.00 @ 5,025' .75 @ 7,813' 1.50 @ 10,400' .75 @ 2,062' 1.75 @ 5,120' .75 @ 7,939' 1.50 @ 10,525' .25 @ 2,249' 1.75 @ 5,276' 1.00 @ 8,219' 1.25 @ 10,745' 1.00 @ 2,437' 1.75 @ 5,432' .75 @ 8,469' .75 @ 10,963' .50 @ 2,624' 1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 2,812' 1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc.	•			, -	Page 1 of 2		
COCATION Section 30, T-18-S, R-31-E, Eddy County, New Mexico	WELL NAME AT	ND NUMBER	Big Red Federal C	Com #1			
OPERATOR Chi Energy Inc., 212 N. Main, Suite 200, Midland, Texas 79701 DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P. O. Drawer 10970, Midland, TX 79702 The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drill the above described well and that he has conducted deviation tests and obtained the following results: Degrees @ Depth Degrees @ Depth							
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P. O. Drawer 10970, Midland, TX 79702 The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drill the above described well and that he has conducted deviation tests and obtained the following results: Degrees @ Depth							
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drill the above described well and that he has conducted deviation tests and obtained the following results: Degrees @ Depth							
1.00 @ 134' 1.00 @ 3,187' 1.00 @ 6,090' .75 @ 9,192'	The undersign	ned hereby cert ed well and tha	ifies that he is an authorized t he has conducted deviation	representative of the drilling tests and obtained the follow	g contractor who drilled wing results:		
25 @ 289'	Degrees @ I	Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth		
1.25 @ 485'	.50 @	134'	1.00 @ 3,187'	1.00 @ 6,090'	.75 @ 9,192'		
1.25 @ 604' 1.00 @ 3,987' .75 @ 6,842' 1.00 @ 9,568' 1.00 @ 726' .75 @ 4,237' 2.50 @ 7,092' .75 @ 9,755' .75 @ 815' .75 @ 4,523' .75 @ 7,341' 1.25 @ 9,942' 1.00 @ 1,000' 1.00 @ 4,743' .75 @ 7,438' 1.50 @ 10,130' .75 @ 1,189' 1.75 @ 4,931' .75 @ 7,561' 2.00 @ 10,317' 1.50 @ 1,937' 2.00 @ 5,025' .75 @ 7,813' 1.50 @ 10,400' .75 @ 2,062' 1.75 @ 5,120' .75 @ 7,939' 1.50 @ 10,525' .25 @ 2,249' 1.75 @ 5,276' 1.00 @ 8,219' 1.25 @ 10,745' 1.00 @ 2,437' 1.75 @ 5,432' .75 @ 8,469' .75 @ 10,963' .50 @ 2,624' 1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 2,812' 1.25 @ 5,745' 1.00 @ 8,846' .75 @ 11,403' .50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc. By Jeffyey D Phillips, President Subscribed and sworn to before me this 19th day of April 2002	.25 @	289'	.50 @ 3,454'	.75 @ 6,341'	1.00 @ 9,215'		
1.00 @ 726'	1.25 @	485'	.50 @ 3,737'	.75 @ 6,592'	1.50 @ 9,412'		
.75 @ 815' .75 @ 4,523' .75 @ 7,341' 1.25 @ 9,942' 1.00 @ 1,000' 1.00 @ 4,743' .75 @ 7,438' 1.50 @ 10,130' .75 @ 1,189' 1.75 @ 4,931' .75 @ 7,561' 2.00 @ 10,317' 1.50 @ 1,937' 2.00 @ 5,025' .75 @ 7,813' 1.50 @ 10,400' .75 @ 2,062' 1.75 @ 5,120' .75 @ 7,939' 1.50 @ 10,525' .25 @ 2,249' 1.75 @ 5,276' 1.00 @ 8,219' 1.25 @ 10,745' 1.00 @ 2,437' 1.75 @ 5,432' .75 @ 8,469' .75 @ 10,963' .50 @ 2,624' 1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 2,812' 1.25 @ 5,745' 1.00 @ 8,846' .75 @ 11,403' .50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc. By Jefffyey(D Phillips, President Subscribed and sworn to before me this 19th day of April 2002	1.25 @	604'	1.00 @ 3,987'	.75 @ 6,842'	1.00 @ 9,568'		
1.00 @ 1,000'	1.00 @	726'	.75 @ 4,237'	2.50 @ 7,092'	.75 @ 9,755'		
.75 @ 1,189'	.75 @	815'	.75 @ 4,523'	.75 @ 7,341'	1.25 @ 9,942'		
1.50 @ 1,937' 2.00 @ 5,025' .75 @ 7,813' 1.50 @ 10,400' .75 @ 2,062' 1.75 @ 5,120' .75 @ 7,939' 1.50 @ 10,525' .25 @ 2,249' 1.75 @ 5,276' 1.00 @ 8,219' 1.25 @ 10,745' 1.00 @ 2,437' 1.75 @ 5,432' .75 @ 8,469' .75 @ 10,963' .50 @ 2,624' 1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 2,812' 1.25 @ 5,745' 1.00 @ 8,846' .75 @ 11,403' .50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc. By Jeffrey(D Phillips, President Subscribed and sworn to before me this 19th day of April 2002	1.00 @	1,000'	1.00 @ 4,743'	.75 @ 7,438'	1.50 @ 10,130'		
1.75 @ 2,062' 1.75 @ 5,120' .75 @ 7,939' 1.50 @ 10,525' .25 @ 2,249' 1.75 @ 5,276' 1.00 @ 8,219' 1.25 @ 10,745' 1.00 @ 2,437' 1.75 @ 5,432' .75 @ 8,469' .75 @ 10,963' .50 @ 2,624' 1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 2,812' 1.25 @ 5,745' 1.00 @ 8,846' .75 @ 11,403' .50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc.	75 @	1,189'	1.75 @ 4,931'	.75 @ 7,561'	2.00 @ 10,317'		
1.25 @ 2,249' 1.75 @ 5,276' 1.00 @ 8,219' 1.25 @ 10,745' 1.00 @ 2,437' 1.75 @ 5,432' .75 @ 8,469' .75 @ 10,963' .50 @ 2,624' 1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 2,812' 1.25 @ 5,745' 1.00 @ 8,846' .75 @ 11,403' .50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc. By	1.50 @	1,937'	2.00 @ 5,025'	.75 @ 7,813'	1.50 @ 10,400'		
1.00 @ 2,437'	75 @	2,062'	1.75 @ 5,120'	.75 @ 7,939'	1.50 @ 10,525'		
1.25 @ 5,589' 1.25 @ 8,720' 1.25 @ 11,298' .50 @ 2,812' 1.25 @ 5,745' 1.00 @ 8,846' .75 @ 11,403' .50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc. By Jeffréy D Phillips, President Subscribed and sworn to before me this 19th day of April 2002	.25 @ :	2,249'	1.75 @ 5,276'	1.00 @ 8,219'	1.25 @ 10,745'		
1.25 @ 5,745' 1.00 @ 8,846' .75 @ 11,403' 50 @ 3,000' 1.25 @ 5,934' 1.00 @ 8,972' .75 @ 11,654' Drilling Contractor TMBR/Sharp Drilling, Inc. By Jeffrey D Phillips, President	1.00 @	2,437'	1.75 @ 5,432'	.75 @ 8,469'	.75 @ 10,963'		
Drilling Contractor TMBR/Sharp Drilling, Inc. By Jeffrey D Phillips, President Subscribed and sworn to before me this 19th day of April 2002	.50 @	2,624'	1.25 @ 5,589'	1.25 @ 8,720'	1.25 @ 11,298'		
Drilling Contractor TMBR/Sharp Drilling, Inc. By Jeffrey D Phillips, President Subscribed and sworn to before me this 19th day of April 2002	.50 @ 2	2,812'	1.25 @ 5,745'	1.00 @ 8,846'	.75 @ 11,403'		
Subscribed and sworn to before me this 19th day of April 2002	.50 @ :	3,000'	1.25 @ 5,934'	1.00 @ 8,972'	.75 @ 11,654'		
Subscribed and sworn to before me this 19th day of April 2002			_	Mrx D. D	1lly's		
Vall. D							
Commission expires: 9/25/03 AUB 2002 Midland County, Texas		NOTARY F State of Comm. Exp. 0	PUBLIC Fexas 9-25-2003 AUG 2000	Notary Public Kathle Midland	en Roper		

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WELL NAME AND NUM	BER Big Red Fed	leral Com #1					
LOCATION Se	Section 30, T-18-S, R-31-E, Eddy County, New Mexico						
OPERATORC	Chi Energy Inc., 212 N. Main, Suite 200, Midland, Texas 79701						
DRILLING CONTRACTO		g, Inc., P. O. Drawer 10970,					
The undersigned hereby	y certifies that he is an auth d that he has conducted de	norized representative of the driviation tests and obtained the f	illing contractor who drilled ollowing results:				
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth				
1.00 @ 11,904'		-					
 							
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	•						
		-					
							
			 				
	Drilling Con	tractor TMBR/Sharp Drilling,	Inc.				
		Jeffrey D. Phillips, Pre	Pallys esident				
Subscribed and sworn to be	fore me this 19th	day of April	2002				
NO.	TARY PUBLIC Sate of Texas Exp. 09-25-2003	Notary Public K	Parent athleer Roper				
	25/03	Midland	County, Texas				