

WELL NAME AND NUMBER Big Red Federal Com #1

LOCATION Section 30, T-18-S, R-31-E, Eddy County, New Mexico

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 drilled the above described well and that he has conducted deviation tests and obtained the following results:

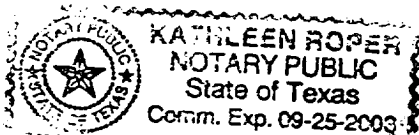
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.50 @ 134'	1.00 @ 3,187'	1.00 @ 6,090'	.75 @ 9,192'
.25 @ 289'	.50 @ 3,454'	.75 @ 6,341'	1.00 @ 9,215'
1.25 @ 485'	.50 @ 3,737'	.75 @ 6,592'	1.50 @ 9,412'
1.25 @ 604'	1.00 @ 3,987'	.75 @ 6,842'	1.00 @ 9,568'
1.00 @ 726'	.75 @ 4,237'	2.50 @ 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 @ 5,745'	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

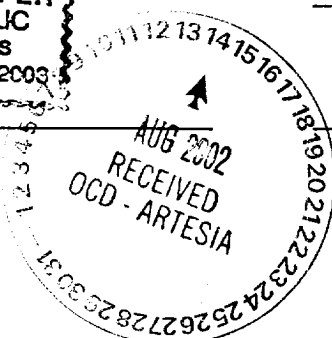
Subscribed and sworn to before me this 19th day of April, 2002



Kathleen Roper
Notary Public Kathleen Roper


Commission expires: 9/25/03

Midland County, Texas



[illegible]

By Jeffrey D. Phillips
Jeffrey D. Phillips, President


 STEVEN ROPER
 NOTARY PUBLIC
 State of Texas
 Comm. Exp. 09-25-2000
 expires: 9/25/03

Kathleen Roper
Notary Public Kathleen Roper

Commision expires: 9/25/03 Midland County, Texas

Midland County, Texas