

WELL NAME AND NUMBER Raven State ~~Com~~ #1 Unit J
 LOCATION Section 16, T-18-S, R-32-E, Lea County, New Mexico 198054 19801E
 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

30-025-36263

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:

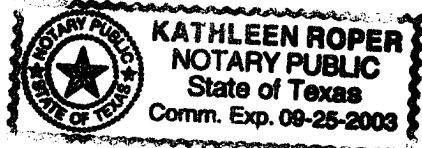
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.75 @ 178'	.25 @ 3,078'	1.25 @ 6,537'	1.00 @ 9,465'
.50 @ 355'	.75 @ 3,327'	.75 @ 6,693'	.50 @ 9,684'
.50 @ 511'	.25 @ 3,462'	.75 @ 6,850'	.75 @ 9,934'
.75 @ 692'	.25 @ 4,360'	.75 @ 7,067'	1.75 @ 10,184'
.75 @ 876'	1.00 @ 4,516'	.75 @ 7,255'	.50 @ 10,308'
.75 @ 1,057'	.50 @ 4,670'	.75 @ 7,421'	.75 @ 10,558'
.25 @ 1,244'	.50 @ 4,887'	1.25 @ 7,722'	.50 @ 11,025'
.50 @ 1,428'	.75 @ 5,106'	.75 @ 7,816'	.75 @ 11,338'
.75 @ 1,647'	1.00 @ 5,325'	.75 @ 8,035'	1.00 @ 11,583'
.50 @ 1,833'	1.00 @ 5,605'	.25 @ 8,192'	.75 @ 11,839'
.75 @ 2,021'	1.25 @ 5,758'	1.00 @ 8,378'	.50 @ 12,089'
.75 @ 2,208'	1.50 @ 5,915'	.50 @ 8,533'	1.00 @ 12,338'
.50 @ 2,397'	1.25 @ 6,037'	1.00 @ 8,782'	1.00 @ 12,380'
1.00 @ 2,770'	1.25 @ 6,162'	.75 @ 9,000'	.75 @ 12,872'
.50 @ 2,945'	1.00 @ 6,349'	1.00 @ 9,280'	1.00 @ 12,915'

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeffrey D. Phillips
 Jeffrey D. Phillips, President

Subscribed and sworn to before me this

3rd day of July



Kathleen Roper
 Notary Public Kathleen Roper

Commision expires: 9/25/03

Midland County, Texas

