

WELL NAME AND NUMBER Big Eddy #140

LOCATION Section 16, T-21-S, R-29-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, Texas 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
<u>1.00° @ 235'</u>	<u>.75° @ 2,177'</u>	<u>.75° @ 5,869'</u>	<u>.75° @ 9,686'</u>
<u>1.25° @ 505'</u>	<u>1.50° @ 2,365'</u>	<u>.75° @ 6,245'</u>	<u>1.50° @ 10,167'</u>
<u>2.25° @ 659'</u>	<u>2.00° @ 2,490'</u>	<u>.75° @ 6,621'</u>	<u>1.00° @ 10,636'</u>
<u>2.00° @ 749'</u>	<u>1.25° @ 2,553'</u>	<u>.75° @ 6,932'</u>	<u>.75° @ 11,105'</u>
<u>2.25° @ 839'</u>	<u>.75° @ 2,616'</u>	<u>1.00° @ 7,029'</u>	<u>.25° @ 11,422'</u>
<u>2.25° @ 929'</u>	<u>.50° @ 2,710'</u>	<u>.75° @ 7,342'</u>	<u>.75° @ 11,574'</u>
<u>2.25° @ 1,040'</u>	<u>.25° @ 3,050'</u>	<u>1.25° @ 7,561'</u>	<u>.75° @ 12,077'</u>
<u>1.75° @ 1,110'</u>	<u>.75° @ 3,173'</u>	<u>.50° @ 7,687'</u>	<u>1.00° @ 12,455'</u>
<u>1.00° @ 1,236'</u>	<u>.25° @ 3,337'</u>	<u>.50° @ 7,842'</u>	<u>1.50° @ 13,000'</u>
<u>.50° @ 1,361'</u>	<u>.50° @ 3,589'</u>	<u>.25° @ 7,938'</u>	
<u>.50° @ 1,517'</u>	<u>.50° @ 3,892'</u>	<u>.50° @ 8,157'</u>	
<u>1.25° @ 1,74'</u>	<u>.25° @ 4,144'</u>	<u>.75° @ 8,407'</u>	
<u>1.00° @ 1,769'</u>	<u>.25° @ 4,364'</u>	<u>1.00° @ 8,689'</u>	
<u>1.00° @ 1,863'</u>	<u>.25° @ 4,710'</u>	<u>1.00° @ 8,972'</u>	
<u>1.00° @ 1,988'</u>	<u>.25° @ 5,462'</u>	<u>1.00° @ 9,381'</u>	

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeff Phillips

Subscribed and sworn to before me this 17th day of March, 19 98

Jeff Phillips, VP Production

Kathleen Roper

Notary Public Kathleen Roper

Midland County, Texas

KATHLEEN ROPER
COMMISSION EXPIRES
September 25, 1999

Commission Expires: 9/25/99

