



R.D.C., INCORPORATED

Petroleum Exploration • Drilling • Production

VERIFICATION OF DEVIATION SURVEYS

WELL NAME AND NUMBER Russell Federal No. 11

LOCATION 2310' FEL & 1980' FSL, Sec. 17, T26S, R32E

OPERATOR Highland Production Company

DRILLING CONTRACTOR Rhymes Drilling Co., Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and has conducted deviation tests and obtained the following results:

DEGREES OF DEVIATION/
AT A DEPTH OF:

<u>1/2 @ 252</u>
<u>1-1/2 @ 504</u>
<u>2 @ 842</u>
<u>1-1/2 @ 1200</u>
<u>1-3/4 @ 1520</u>
<u>2 @ 1815</u>
<u>1 - 3/4 @ 2003</u>
<u>1 - 3/4 @ 2344</u>
<u>2 @ 2948</u>

DEGREES OF DEVIATION/
AT A DEPTH OF:

<u>2 1/2 @ 3138</u>
<u>1 - 3/4 @ 3311</u>
<u>2 3/4 @ 3463</u>
<u>2 - 3/4 @ 3572</u>
<u>2 @ 3719</u>
<u>2/3 @ 4006</u>
<u>3 - 1/4 @ 4134</u>
<u>3 @ 4351</u>

DRILLING CONTRACTOR: Rhymes Drilling Co., Inc.

BY: J.A. Williamson, Office Supervisor

SIGNATURE: _____