



R.D.C., INCORPORATED

Petroleum Exploration • Drilling • Production

VERIFICATION OF DEVIATION SURVEYS

WELL NAME AND NUMBER RUSSELL FEDERAL #12
LOCATION LEA COUNTY, NEW MEXICO
OPERATOR HIGHLAND PRODUCTION COMPANY
DRILLING CONTRACTOR RHYMES DRILLING COMPANY, 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:

1/4 @ 296'
1/2 @ 593'
1 @ 875'
1 1/4 @ 1160'
1 1/4 @ 1660'
2 1/2 @ 1872'
2 @ 2033'
2 1/2 @ 2318'
2 @ 2794'

DEGREES OF DEVIATION/
AT A DEPTH OF:

2 @ 2794'
2 1/2 @ 3120'
2 3/4 @ 3373'
2 1/4 @ 3726'
2 1/4 @ 4107'
2 @ 4323'

Shirley L. Pilling
NOTARY PUBLIC

MY COMMISSION EXPIRES 2/28/87

DRILLING CONTRACTOR: RHYMES DRILLING CO., INC.

BY: CAROL NEEL, SECRETARY

SIGNATURE: Carol Neel

RECEIVED

JUL 19 1915

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