



Donald L. Wallace
President

SIERRA DRILLING COMPANY

P. O. Box 2681

Midland, Texas 79702

(915) 563-3477

November 1, 1983

Read and Stevens, Inc.
P. O. Box 1518
Roswell, NM 88201

Attention: Beverly

Re: Emerald State #1

Beverly:

The following is a Deviation Survey of the above referenced well located in Lea County, New Mexico.

180' - $3/4^\circ$	4200' - $1\ 1/4^\circ$	8307' - $2\ 1/4^\circ$
600' - $1\ 1/2^\circ$	4683' - $1/2^\circ$	8376' - 3°
947' - $1\ 1/2^\circ$	4936' - $1/2^\circ$	8490' - $2\ 3/4^\circ$
1625' - $3/4^\circ$	5308' - $3/4^\circ$	8775' - $2\ 1/4^\circ$
2043' - $3/4^\circ$	5780' - $3/4^\circ$	9025' - 3°
2300' - $3/4^\circ$	6317' - 1°	9200' - $3\ 1/2^\circ$
2544' - 1°	6757' - 1°	9506' - 3°
2950' - $1/2^\circ$	7163' - $1\ 1/4^\circ$	9619' - $3\ 3/4^\circ$
3150' - $1\ 3/4^\circ$	7667' - $1\ 1/2^\circ$	9777' - $2\ 3/4^\circ$
3512' - $1\ 1/2^\circ$	7886' - $2\ 1/2^\circ$	10,120' - 3°
3763' - $1\ 1/2^\circ$	8118' - $3\ 1/2^\circ$	

Sincerely,

SIERRA DRILLING COMPANY

Lonny D. Warren
Controller

STATE OF TEXAS)
)
COUNTY OF ECTOR)

The foregoing was acknowledged before me this 1st day of November, 1983

Christy Kay Gillespie
Notary Public

My commission expires 9-30-85