



Donald L. Wallace
President

SIERRA DRILLING COMPANY

P. O. Box 2681

Midland, Texas 79702

(915) 563-3477

January 21, 1985

Yates Petroleum Company
207 South 4th Street
Artesia, New Mexico 88210

Re: Howe TG Federal No. 2

Dear Mr. Springer:

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

182 - 1/2
350 - 1/4
850 - 3/4
1306 - 1/2
1796 - 3/4
2296 - 3/4
2799 - 1
3660 - 1 1/2
4135 - 2
4635 - 1
4800 - 1 1/2
5293 - 1 3/4

5565 - 1 3/4
5923 - No recording
5954 - No recording
6040 - 1 3/4
6489 - 1 1/4
6989 - 3/4
7089 - No recording
7478 - 1/4
7969 - 1
8175 - 1 1/4
8658 - 1/4
8954 - 1 1/4
9700 - 3/4

Sincerely,

Garry L. Flynn
Drilling Superintendent

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 21st day of January, 1985

Milly C. Wilson
Notary Public

My commission expires 12/28/85.