



Donald L. Wallace
President

SIERRA DRILLING COMPANY

P. O. Box 6267 ATS

Midland, Texas 79711

(915) 563-3477

August 20, 1985

Gulf Oil Corporation
P.O. Box 670
Hobbs, New Mexico 88240

Re: West Pearl Queen No. 170

Gentlemen

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

254 3/4
420 - 1/4
704 - 1/2
950 - 1/2
1237 - 0
1487 - 1/4
1746 - 3/4
1992 - 1/4
2235 - 1/4
2545 - 3/4
2785 - 3/4

3035 - 1
3272 - 2 1/4
3388 - 1 3/4
3418 - 1 3/4
3600 - 1 1/2
3724 - 1 1/2
3849 - 1 1/2
3973 - 1 1/2
4213 - 1 1/4
4695 - 1 1/2
5082 - 3/4

Sincerely,

Garry L. Flynn
Drilling Superintendent

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 20th day of August, 1985

Milly C. Wilson
Notary Public

My commission expires 12/23/85.