



McGEE DRILLING CORPORATION

P.O. Box 2471
MIDLAND, TEXAS 79702

July 2, 1997

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Penwell Energy
Mr. Bill Pierce
600 N. Marienfeld Ste 1100
Midland, TX 79701

AUG 21 1997

RE: Deviation Report
West Shugart 30 Federal #10

Gentlemen:

The following is a deviation survey on the above referenced well located in Lea County, New Mexico.

560' - 1 1/4 °	6020' - 3/4 °
1058' - 3/4 °	6513' - 1 °
1306' - 1 1/4 °	7004' - 1 1/2 °
1552' - 2 1/4 °	7307' - 3/4 °
1755' - 3 °	7798' - 1/2 °
1861' - 2 1/2 °	8290' - 1/2 °
2001' - 2 1/4 °	8780' - 1/2 °
2138' - 1 3/4 °	9334' - 3/4 °
2358' - 1 3/4 °	9810' - 1 °
2634' - 1 1/4 °	10,297' - 1 °
2888' - 3/4 °	10,660' - 2 1/4 °
3382' - 1 °	10,688' - 1 1/2 °
3908' - 1/2 °	10,998' - 2 1/4 °
4402' - 1 °	11,040' - 2 1/4 °
4897' - 3/4 °	11,373' - 2 °
5396' - 3/4 °	11,854' - 2 1/4 °
5894' - 3/4 °	12,250' - 2 1/2 °

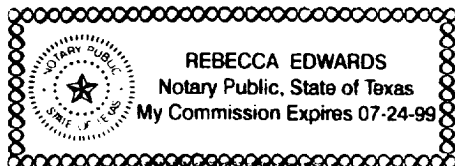
Sincerely,

G. H. "Mac" McGee
President

STATE OF TEXAS)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 2nd day of July by
G. H. "Mac" McGee.

MY COMMISSION EXPIRES:



Rebecca Edwards

NOTARY PUBLIC