



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

December 8, 2000

Mewbourne Oil Company
P. O. Box 5270
Hobbs, NM 88240

Re: Deviation Report
Shugart 18 Federal #2

Gentlemen:

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

224' - 0.50	3514' - 1.00	7090' - 2.75
811' - 1.25	3988' - 1.25	7309' - 3.00
1059' - 1.00	4461' - 1.00	7404' - 2.75
1438' - 1.50	4932' - 1.00	7528' - 3.00
1625' - 0.75	5429' - 1.25	7656' - 3.00
1876' - 0.50	5899' - 1.75	7782' - 2.75
2065' - 0.25	6399' - 1.75	7904' - 2.75
2540' - 1.00	6870' - 2.75	8028' - 2.50
3014' - 1.00	6965' - 2.75	8290' - 2.50

Sincerely,

Treva Forrester

STATE OF TEXAS)

COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 8th day of December, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

