



Patterson Drilling Company

410 N. Loraine Street — (915) 682-9401
Midland, Texas 79701

March 18, 1998

Mewbourne Oil Company
P. O. Box 5270
Hobbs, NM 88241

RECEIVED
OCD ARTESIA

RE: Deviation Report
Carlsbad 15 Fed Com #1

Gentlemen:

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

425' - 1/2 °	6120' - 1 °
900' - 1 3/4 °	6613' - 1/2 °
1140' - 1 1/2 °	7090' - 1 °
1400' - 2 1/4 °	7330' - 1 1/4 °
1510' - 2 °	7555' - 1 3/4 °
1630' - 1 3/4 °	7800' - 1 3/4 °
1790' - 1 1/2 °	8050' - 1 1/2 °
2007' - 1 °	8300' - 1 1/4 °
2285' - 3/4 °	8550' - 1 1/4 °
2605' - 3/4 °	8800' - 3/4 °
3140' - 1 1/4 °	9200' - 1 °
3640' - 1 °	9700' - 3/4 °
4132' - 1 °	10200' - 1 1/4 °
4625' - 1 1/4 °	10700' - 1/2 °
5120' - 1 1/4 °	10911' - 3/4 °
5620' - 1 1/4 °	11200' - 1 1/4 °

Sincerely,

Treva Forrester