



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

May 14, 2001

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

Re: Deviation Report
Burton Flat 5 Federal #4
Sec. 5, T-20-S, R-28-E

Gentlemen:

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

475' - 1.25	4045' - 0.75	6221' - 5.75	6788' - 5.00	7887' - 0.75	10200' - 1.75
849' - 1.00	4309' - 0.75	6254' - 5.75	6849' - 4.50	8045' - 1.50	10424' - 1.25
1038' - 1.50	4561' - 0.75	6286' - 5.75	6912' - 4.75	8200' - 1.75	10814' - 1.75
1257' - 1.25	4830' - 1.50	6316' - 5.50	6975' - 3.00	8260' - 1.80	11290' - 1.75
1600' - 1.25	4937' - 1.50	6348' - 5.25	7050' - 3.25	8389' - 1.75	
1900' - 0.75	5090' - 1.00	6380' - 5.25	7135' - 1.75	8515' - 1.50	
2190' - 0.75	5253' - 0.75	6410' - 5.00	7233' - 1.75	8641' - 1.25	
2565' - 0.75	5504' - 1.25	6442' - 5.25	7352' - 1.25	8890' - 1.75	
3059' - 0.50	5755' - 4.50	6535' - 5.00	7464' - 1.75	9174' - 0.75	
3275' - 0.75	6091' - 4.50	6600' - 5.00	7572' - 1.00	9424' - 1.75	
3525' - 0.50	6127' - 5.50	6659' - 5.75	7700' - 1.00	9675' - 0.75	
3793' - 0.50	6159' - 5.25	6723' - 5.00	7763' - 0.50	9921' - 0.75	

Sincerely,

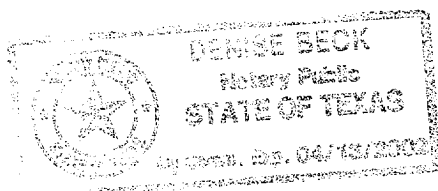
Treva Forrester

STATE OF TEXAS)

COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 14th day of May, 2001 by Treva Forrester.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

RECEIVED
2001 JUN 13 AM 8:34
BUREAU OF LAND MGMT.
ROSWELL OFFICE