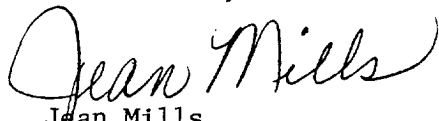


DEVIATION SURVEYS taken on the H. L. Brown, Jr. State UTP Well No. 4 in Lea County, New Mexico:

<u>DEPTH</u>	<u>DEGREES</u>
984'	1/4
1,386'	1/2
1,890'	1
2,361'	3/4
2,455'	1/2
2,911'	1/4
3,305'	1/2
3,579'	1/2
4,101'	3/4
4,594'	1/2
5,115'	1 3/4
5,035'	3/4
6,125'	3/4
6,673'	1/2
7,122'	3/4
7,604'	3/4
7,946'	2 1/4
8,268'	2 1/2
8,382'	3
8,572'	3 1/2
8,632'	3 3/4
8,712'	3 1/4
8,793'	3 1/2
8,874'	3 3/4
8,995'	3
9,180'	3
9,483'	2 3/4
9,817'	1/2
10,310'	2 3/4
10,592'	2 1/2
10,884'	2 1/4
11,423'	1 1/4
11,873'	2
12,001'	1 1/2
12,535'	2

All of the above report was taken from the drilling reports available in the H. L. Brown, Jr. offices located at 300 West Louisiana, Midland, Texas 79702.


Jean Mills
Production Clerk

JM/ed

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