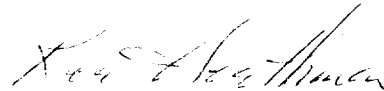


Arco Oil & Gas Company - Jack "5" #1 - Lea County, New Mexi

The following is a summary of slope tests taken with the best instruments available on the above captioned well. These tests indicate inclination from vertical.

<u>DEPTH (Feet)</u>	<u>ANGLE INCLINATION DEGREES</u>	<u>COURSE DISPLACEMENT (Feet)</u>	<u>ACCUMULATIVE DISPLACEMENT (Feet)</u>
206	3/4	2.70	2.70
402	1/2	1.71	4.41
510	1/2	.94	5.35
817	1/2	2.67	8.02
1127	1/2	2.70	10.72
1416	3/4	3.79	14.51
1875	1/2	4.00	18.51
2072	1/4	.87	19.38
2310	1	4.17	23.55
2601	1/2	2.53	26.08
3008	1 3/4	12.41	38.49
3195	2 1/4	7.35	45.84
3289	1 3/4	2.87	48.71
3475	1 1/4	4.05	52.76
3680	1/4	.90	53.66
4330	3/4	8.52	62.18
4815	1/2	4.22	66.40
5285	1/2	4.09	70.49
5725	3/4	5.76	76.25
6220	1	8.66	84.91
6595	1/4	1.65	86.56
7038	3/4	5.80	92.36
7460	3/4	5.53	97.89
7900	1	7.70	105.59
8150	1/4	1.10	106.69
8400	2 1/4	9.83	116.52
8535	1 1/4	2.94	119.46
8710	2	6.11	125.57
8890	1/2	1.57	127.14
9190	1/2	2.61	129.75
9550	1	6.30	136.05
10002	1	7.91	143.96
10300	2	10.40	154.36

DELTA DRILLING COMPANY



Ken Heathman
Division Manager

STATE OF TEXAS
COUNTY OF ECTOR

BEFORE ME, the undersigned authority, on this day personally appeared
KEN HEATHMAN, known to be the person whose name is subscribed to the foregoing
instrument.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS the 27th day of March, 1984.



Carolyn Stringer, Notary Public in
and for Ector County, Texas