

AUGUST 14, 1997

WELL NAME AND NUMBER:
LOCATION:
OPERATOR:
DRILLING CONTRACTOR:

DIAMOND TAIL 23 FED #2
Sec. 23 T23S R32E
PENWELL ENERGY
ZIADRIL, Inc.

Unit A
1980/A & 660/E
30-025-33653

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>	
0.75	288	3.00	4334	1.25	8635
0.25	579	3.00	4365	2.25	9108
0.75	1040	2.00	4398	2.25	9231
0.75	1265	1.25	4475	1.50	9416
0.75	1498	1.75	4540	2.75	9666
0.75	1745	1.25	4607	3.00	9790
1.00	2024	1.50	4669	3.00	9880
1.25	2380	1.50	4732	3.50	9978
0.75	2600	1.00	4790	4.00	10042
0.75	2896	1.25	4880	4.00	10100
1.00	3244	0.25	5360	3.75	10130
0.75	3540	0.50	5858	4.25	10167
0.75	3836	1.00	6350	4.00	10195
1.25	4100	0.75	6825	3.75	10225
2.50	4360	0.75	7320	3.50	10260
2.75	4421	1.25	7794	3.50	10291
6.00	4731	0.75	7980	3.75	10350
2.50	4360	0.75	8480		

Drilling Contractor: ZIADRIL, Inc.

By: Billy Jensen
Billy Jensen

Subscribed and sworn to before me this 14th day of Aug., 1997.

My Commission Expires:
June 30, 2001

Mary G. Henson
Mary G. Henson