

MAY 29, 1997

WELL NAME AND NUMBER: FH 29 FEDERAL COMM #1
LOCATION: SEC 29 T23S R26E
OPERATOR: PENWELL ENERGY, Inc.
DRILLING CONTRACTOR: ZIADRIL, Inc.

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:

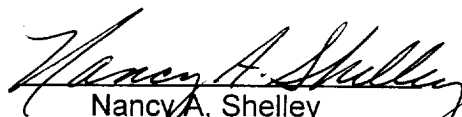
<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>	
0.25	320'	2.00	2945'	1.50	9598'
2.00	600'	2.25	3191'	1.50	9694'
2.25	717'	2.00	3936'	0.75	9880'
2.25	810'	1.75	4189'	0.25	10115'
1.50	937'	1.00	4661'	0.50	10224'
2.75	1220'	1.50	5158'	0.25	10364'
3.00	1316'	1.25	5658'	0.25	10507'
4.00	1409'	1.50	6165'	0.25	10760'
4.00	1502'	1.50	6627'	0.25	10900'
2.75	1570'	1.25	7087'	1.25	10992'
2.75	1660'	1.75	7587'	0.50	11167'
2.00	1781'	0.75	8084'	1.25	11427'
2.00	1972'	1.25	8582'	2.00	12000'
2.25	2319'	0.75	9000'		
2.00	2693'	0.75	9500'		

Drilling Contractor: ZIADRIL, Inc.

By: 
Billy Jensen

Subscribed and sworn to before me on this 28th day of May 1997.

My Commission Expires:
December 6, 2000


Nancy A. Shelley