

APRIL 24, 1997

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

ORE IDA 14 FEDERAL #13
Sec. 14 T24S R29E
PENWELL ENERGY
ZIADRIL, Inc.

AUG 20 1997

REG. DIV.

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>	
1.00	354'	3.00	2870'	1.00	6810'
0.75	920'	2.00	2941'	1.50	7069'
1.00	1420'	2.00	3003'	1.00	7317'
0.75	1909'	1.50	3066'	1.00	7475'
1.25	2310'	0.50	3518'	0.50	7691'
2.00	2533'	0.75	3990'	0.75	7840'
2.50	2690'	1.00	4488'	0.75	7970'
1.25	2310'	0.50	4981'	1.25	8127'
2.00	2533'	1.00	5480'	2.00	8216'
2.50	2690'	1.00	6024'	3.00	8350'
2.50	2805'	1.25	6477'		

Drilling Contractor: ZIADRIL, Inc.

By: Billy Jensen
Billy Jensen

Subscribed and sworn to before me this 15th day of Aug., 1997.

My Commission Expires:
June 30, 2001

Mary G. Henson
Mary G. Henson