

WELL NAME AND NUMBER: GRAYWOLF STATE #1
LOCATION: Sec.33 T10S R27E CHAVES CO.
OPERATOR: HANAGAN PETROLEUM
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>DEGREES AND DEPTH</u>	<u>DEGREES AND DEPTH</u>	<u>DEGREES AND DEPTH</u>
.75 123'	2.00 5330'	
1.00 416'	.50 5846'	
1.00 828'	.75 6331'	
.75 1414'	2.75 6524'	
1.00 1890'	.25 7142'	
1.75 2293'		
1.75 2451'		
.75 2609'		
1.00 2923'		
.75 3394'		
2.00 3888'		
2.00 4013'		
1.75 4140'		
1.50 4264'		
1.25 4420'		
2.00 4830'		

DEC 20 1994
C. C. B.
ADJ. CLERK

Drilling Contractor: ZIADRIL, Inc.

By Billy Jensen
Billy Jensen

Subscribed and sworn to before me this 30th day of November,
1994

My commission Expires:

September 13, 1996

Virginia G. Perry
Notary Public
Lea County, New Mexico