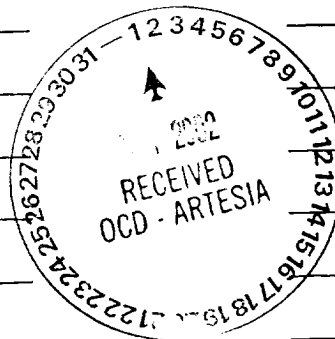


WELL NAME AND NUMBER Cottonwood Federal No. 5  
LOCATION 1980' FSL, 1980' FEL, Sec. 26, T6S, R25E, Chaves, Co. NM  
OPERATOR Yates Petroleum Corp.  
DRILLING CONTRACTOR United Drilling, Inc.

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

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° @ 513'</u>	<u>1° @ 4036'</u>	<u>                    </u>
<u>1/4° @ 915'</u>	<u>1° @ 4506'</u>	<u>                    </u>
<u>1/4° @ 1041'</u>	<u>1± @ 5037'</u>	<u>                    </u>
<u>1/2° @ 1508'</u>	<u>                    </u>	<u>                    </u>
<u>1/4° @ 2002'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° @ 2504'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° @ 3030'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° @ 3568'</u>	<u>                    </u>	<u>                    </u>



Drilling Contractor United Drilling, Inc.  
By: George Aho  
Title: Business Manager

Subscribed and sworn to before me this 2nd day of April,  
20.02.

Carlene Martin Carlene Martin  
Notary Public

My Commission Expires: 10-04-04

Chaves New Mexico  
County State