

WELL NAME AND NUMBER White Oak State #5
 LOCATION Section 23, T17S, R28E, 990' FNL, 330' FEL, Unit "A", Eddy Co.
 OPERATOR Mack Energy Corporation
 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>3/4° @ 517'</u>	_____	_____
<u>3/4° @ 1005'</u>	_____	_____
<u>3/4° @ 1500'</u>	_____	_____
<u>1° @ 2993'</u>	_____	_____
<u>3/4° @ 2518'</u>	_____	_____
<u>1/2° @ 3045'</u>	_____	_____
<u>3/4° @ 3507'</u>	_____	_____
<u>3/4° @ 4031'</u>	_____	_____

Drilling Contractor United Drilling, Inc.

By: George Aho *George A. Aho*

Title: Business Manager

Subscribed and sworn to before me this 20th day of November,
2000.

Carlene Martin
 Notary Public

My Commission Expires: 10-04-04

Chaves, New Mexico
 County State