

WELL NAME AND NUMBER Federal "B" #1 Rig #8

LOCATION Section 26, T15S, R30E, Chaves County
(Give Unit, Section, Township and Range)

OPERATOR Hilliard Oil & Gas Inc.

DRILLING CONTRACTOR McVay Drilling Company

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 @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1 244</u>	<u>1/2 6,438</u>	<u>3/4 9,417</u>
<u>1 450</u>	<u>1/4 6,932</u>	<u>1 9,916</u>
<u>1/2 962</u>	<u>1-3/4 7,454</u>	<u>1 1/2 10,270</u>
<u>1/4 1,430</u>	<u>2 7,628</u>	<u>1/2 10,698</u>
<u>1/4 1,780</u>	<u>2 1/2 7,705</u>	<u>.</u>
<u>1/2 2,250</u>	<u>2 7,797</u>	
<u>1/4 2,748</u>	<u>2 1/4 7,890</u>	
<u>1/4 3,089</u>	<u>2 7,983</u>	
<u>1/2 3,350</u>	<u>2 1/2 8,077</u>	
<u>1/2 3,472</u>	<u>1-3/4 8,171</u>	
<u>1/4 3,960</u>	<u>2 8,264</u>	
<u>1/4 4,461</u>	<u>1-3/4 8,358</u>	
<u>1/4 4,952</u>	<u>1 1/2 8,451</u>	
<u>3/4 5,479</u>	<u>3/4 8,669</u>	
<u>1/2 5,943</u>	<u>3/4 9,011</u>	

Drilling Contractor McVay Drilling Company

By: Joe Hilliard

Subscribed and sworn to before me this 26th day of November, 1984

Phyllis Jean Courtwright
Notary Public

My Commision Expires: December 27, 1987

Sa County New Mexico