

WELL Mimosa "AHS" Federal #4 .

LOCATION Sec. 4-20S-24E Eddy County, NM .

(Give Unit, Section, Township, And Range)

OPERATOR Yates Petroleum, 105 S. 4th, Artesia, NM 88210 .

DRILLING CONTRACTOR Exeter Drilling Company .

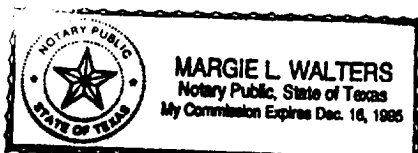
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
| <u>1 238'</u> | <u>1 5,960'</u> | |
| <u>2 597'</u> | <u>1 6,458'</u> | |
| <u>2 880'</u> | <u>1 1/4 6,951'</u> | |
| <u>2 1/4 1,169'</u> | <u>1 1/2 7,452'</u> | |
| <u>2 1,470'</u> | <u>1 1/4 7,773</u> | |
| <u>2 1/4 1,972'</u> | <u>1 3/4 8,250</u> | |
| <u>2 2,442'</u> | <u>1 3/4 8,745</u> | |
| <u>2 1/4 2,940'</u> | <u>2 9,095</u> | |
| <u>1 1/4 3,416'</u> | <u>2 1/2 9,246</u> | |
| <u>1 3/4 3,794'</u> | <u>2 1/2 9,385</u> | |
| <u>1 1/4 4,080'</u> | <u>2 1/2 9,774</u> | |
| <u>1 3/4 4,360'</u> | <u>1 3/4 10,248</u> | |
| <u>1 1/2 4,612'</u> | | |
| <u>1 1/2 4,864</u> | | |
| <u>1 1/2 5,116'</u> | | |
| <u>1 3/4 5,339'</u> | | |
| <u>1 5,583'</u> | | |

Drilling Contractor EXETER DRILLING CO.

By [Signature]
Bob Lange-Drilling Engineer-Southern Div.

Subscribed and sworn to before me this 21st day of April,
1992.



Notary Public Margie L Walters

My commission expires: _____.