

WELL NAME & NUMBER State 4-1

LOCATION Sec. 4, T-16-S, R-37-E, Lea County, New Mexico
(Give Unit, Section, Township and Range)

OPERATOR Amerada Hess Corporation

DRILLING CONTRACTOR Grace Drilling Company - West Texas Division

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>DEGREES @ DEPTH</u> |
|------------------------|-----------------------------|-----------------------------|-----------------------------|
| <u>1/2 @ 422'</u> | <u>1 @ 7945'</u> | <u> </u> | <u> </u> |
| <u>1/2 @ 968'</u> | <u>1 @ 8290'</u> | <u> </u> | <u> </u> |
| <u>1/2 @ 1468'</u> | <u>1 @ 8790'</u> | <u> </u> | <u> </u> |
| <u>1/2 @ 2200'</u> | <u>1/2 @ 9167'</u> | <u> </u> | <u> </u> |
| <u>3/4 @ 2722'</u> | <u>3/4 @ 9658'</u> | <u> </u> | <u> </u> |
| <u>3/4 @ 3222'</u> | <u>3/4 @ 10156'</u> | <u> </u> | <u> </u> |
| <u>1/2 @ 3731'</u> | <u>3/4 @ 10560'</u> | <u> </u> | <u> </u> |
| <u>1 @ 3952'</u> | <u>1-1/2 @ 11212'</u> | <u> </u> | <u> </u> |
| <u>1 @ 4400'</u> | <u>1-3/4 @ 11700'</u> | <u> </u> | <u> </u> |
| <u>1 @ 4947'</u> | <u>1-3/4 @ 11900'</u> | <u> </u> | <u> </u> |
| <u>1-1/4 @ 5449'</u> | <u> </u> | <u> </u> | <u> </u> |
| <u>1-1/4 @ 5953'</u> | <u> </u> | <u> </u> | <u> </u> |
| <u>1 @ 6457'</u> | <u> </u> | <u> </u> | <u> </u> |
| <u>1 @ 6982'</u> | <u> </u> | <u> </u> | <u> </u> |
| <u>3/4 @ 7447'</u> | <u> </u> | <u> </u> | <u> </u> |

Drilling Contractor Grace Drilling Company - West Texas Div.

By *[Signature]*

Subscribed and sworn to before me this 8th day of July, 19 86

[Signature]
Notary Public

My Commission Expires 6-30-90

[Signature] County: Texas