

WELL NAME AND NUMBER Adrenal BY #1 Rig #10

LOCATION 660 FNL x 1980 FEL Section 14, T18S, R32E Lea County New Mexico
Unit B (Give Unit, Section, Township and Range)

OPERATOR Amoco Production Company

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:

| Degrees @ Depth | Degrees @ Depth | Degrees @ Depth |
|------------------|---------------------|-------------------|
| <u>3/4 216</u> | <u>1-3/4 6,392</u> | <u>1/4 13,130</u> |
| <u>1 364</u> | <u>1-3/4 6,627</u> | |
| <u>1-1/2 491</u> | <u>1-3/4 6,875</u> | |
| <u>1-3/4 674</u> | <u>1 7,134</u> | |
| <u>1-1/2 820</u> | <u>3/4 7,634</u> | |
| <u>1/2 1,327</u> | <u>1/4 8,127</u> | |
| <u>1 1,901</u> | <u>3/4 8,622</u> | |
| <u>1/4 2,413</u> | <u>1/4 9,060</u> | |
| <u>3/4 2,924</u> | <u>1/4 9,560</u> | |
| <u>1/2 3,416</u> | <u>1/4 10,076</u> | |
| <u>1/4 3,920</u> | <u>1-3/4 10,560</u> | |
| <u>1/2 4,412</u> | <u>1 11,042</u> | |
| <u>1/4 4,900</u> | <u>1/4 11,592</u> | |
| <u>1/4 5,403</u> | <u>1/4 12,130</u> | |
| <u>3/4 5,910</u> | <u>1/2 12,640</u> | |

Drilling Contractor McVay Drilling Company

By: Jan. 18, 1983
Subscribed and sworn to before me this 24th day of June, 1983

Phyllis G. Fairweather
Notary Public

My Commission Expires: January 7, 1984
Lea County New Mexico

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MAY 11 1987

OCD

HOBBS OFFICE