

WELL NAME AND NUMBER

BIG CHIEF #5

RECEIVED

LOCATION

Eddy County, New Mexico

(Give Unit, Section, Township and Range)

OCT 20 1982

OPERATOR

Dinero Operating Company

O. C. D.

ARTESIA, OFFICE

DRILLING CONTRACTOR

Tom Brown, Inc.

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> |
|------------------------|------------------------|------------------------|
| 1 1/4 408 | 1 4,093 | 1 1/2 8,100 |
| 3/4 1,170 | 1 1/4 4,374 | 1 1/2 8,331 |
| 1 1,460 | 3/4 4,720 | 1 1/2 8,341 |
| 2 1,821 | 1/2 4,969 | 2 1/2 8,800 |
| 2 1/2 1,977 | 1/2 5,643 | 2 1/2 8,879 |
| 2 3/4 2,071 | 1/2 5,822 | 2 1/4 8,995 |
| 2 1/2 2,165 | 1/4 6,262 | 2 1/2 9,118 |
| 2 1/2 2,255 | 2 1/4 6,826 | 2 1/4 9,210 |
| 3 1/4 2,382 | 2 1/4 6,888 | 2 3/4 9,300 |
| 2 3/4 2,425 | 2 6,948 | 2 1/4 9,400 |
| 2 3/4 2,530 | 2 1/4 7,012 | 2 9,551 |
| 2 1/4 3,039 | 2 9,168 | 2 1/4 9,640 |
| 1 3/4 3,280 | 1 3/4 7,356 | 2 1/4 9,766 |
| 1 1/2 3,567 | 1 3/4 7,480 | 2 1/4 9,890 |
| 1 1/2 3,847 | 1 1/2 7,728 | 2 1/2 9,980 |

Drilling Contractor TOM BROWN, INC.By: Grady TrotterSubscribed and sworn to before me this 19 day of OCTOBER, 1982
Jaime M. Fredrickson
 Notary Public
My Commission Expires: APRIL 1, 1983MIDLAND County TEXAS