WELL NAME AND NUMBER Cate "2" No. 1 Re-Entry Rig 0

LOCATION Section 2, T17S, R37E, Lea County
(Give Unit, Section, Township and Range)

OPERATOR Pennzoil Exploration and 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 follwing results:

| Degrees @ Depth | | Degrees @ Depth | | Degrees @ Depth | |
|---|---|---|---|---|---|
| 1S 28W | 8317 | 14S 38W | 9768 | | |
| 3/4N 27E | 8400 | 14-3/4S 37W | 9890 | | |
| ½S 77E | 8438 | 15S 38W | 10,106 | | |
| 3¼S 36W | 8540 | 15S 29W | 10,295 | | |
| 5¼S 40W | 8622 | 15S 37W | 10,483 | | |
| 6¼S 47W | 8683 | 14-3/4S 39W | 10,608 | | |
| 7S 48W | 8741 | 15S 39W | 10,773 | | |
| 7S 45W | 8834 | 14½S 40W | 10,870 | | |
| 7S 47W | 8929 | 12½S 35W | 10,964 | | |
| 6-3/4S 50W | 9023 | 9S 40W | 11,183 | | |
| 6-3/4S 52W | 9074 | 7½S 43W | 11,308 | | |
| 6½S 54W | 9141 | | | | |
| 6¼S 56W | 9205 | | | | |
| 11½S 36W | 9587 | | | | |
| 12½S 39W | 9672 | | | | |

Drilling Contractor McVay Drilling Company

By: [signature]

Subscribed and sworn to before me this 2nd day of November, 1988

[signature]
Notary Public

My Commision Expires: 12/27/91

Lea County New Mexico