

40733 DEGREE S.O.C.

32 11 134

CARPER DRILLING COMPANY, INC.

Carper-McAlester State "AD" #1  
Unit C, Sec. 25, T-11-S, R-34-E

Deviation Survey by Totco:

| <u>Footage</u> | <u>Degrees</u> | <u>Footage</u> | <u>Degrees</u> |
|----------------|----------------|----------------|----------------|
| 356            | 3/4            | 9600           | 1              |
| 500            | 3/4            | 9745           | 1              |
| 1000           | 1              | 9900           | 1              |
| 1500           | 1              | 9995           | 1 1/4          |
| 2024           | 1              | 10050          | 1              |
| 2776           | 1/2            | 10300          | 1              |
| 3500           | 3/4            | 10415          | 3/4            |
| 3840           | 1/4            | 10580          | 3/4            |
| 4076           | 1/4            | 10800          | 3/4            |
| 4508           | 1/4            | 11020          | 1              |
| 4730           | 1/4            | 11425          | 1/4            |
| 5021           | 1 1/4          | 11620          | 1/2            |
| 5361           | 3/4            | 11805          | 1/2            |
| 5640           | 1 1/4          | 12240          | 1/2            |
| 6000           | 1              | 12440          | 1/2            |
| 6400           | 1              | 12580          | 1/2            |
| 6710           | 1              | 12640          | 1/2            |
| 6980           | 3/4            | 12995          | 3/4            |
| 7380           | 1              | 13200          | 3/4            |
| 7582           | 3/4            |                |                |
| 8045           | 1              |                |                |
| 8265           | 1              |                |                |
| 8415           | 1              |                |                |
| 8620           | 1              |                |                |
| 8780           | 1              |                |                |
| 8910           | 1 3/4          |                |                |
| 8990           | 3/4            |                |                |
| 9200           | 3/4            |                |                |
| 9410           | 1              |                |                |
| 9485           | 1 1/4          |                |                |

I hereby certify that the information given above is true and complete to the best of my knowledge.

Vincent Foster

Vincent Foster, Petroleum Engineer

CARPER DRILLING COMPANY, INC.

Subscribed and sworn to before me this 3rd day of January, 1964.

Chris Chapin

Notary Public in and for Eddy County, New Mexico

My Commission Expires: October 15, 1967