RECEIVED

APR 27 '90

| WELL Barb | ara Federal #9 | | a. C. D. |
|----------------|-----------------|---------------------------------|----------|
| LOCATION To | ARTESIA, OFFICE | | |
| OPERATOR | Conoco, Inc. | 726 E. Michigan Hobbs, NM 88240 | |

DRILLING CONTRACTOR Exeter Drilling Company

The undersigned hereby certifies that he is an authorized representativ of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| $ 3/4^{\circ} 396' $ $ 1^{\circ} 632' $ $ 1 1/4^{\circ} 900' $ $ 1 1/4^{\circ} 1,205' $ $ 1 1/4^{\circ} 1,563' $ $ 1 1/2^{\circ} 1,965' $ $ 1 3/4^{\circ} 2,364' $ $ 3/4^{\circ} 2,706' $ | 1 1/2° 4 1 3/4° 5 1 3/4° 5 1 3/4° 5 2° 5 3/4° 6 2° 6 | 4,592' 4,850' 5,090' 5,338' 5,588' 5,588' 5,867' 6,120' 6,423' | · · · · · · · · · · · · · · · · · · · |
|---|--|--|---------------------------------------|
| 1° $632'$ $1 1/4^{\circ}$ $900'$ $1 1/4^{\circ}$ $1,205'$ $1 1/4^{\circ}$ $1,563'$ $1 1/2^{\circ}$ $1,965'$ $1 3/4^{\circ}$ $2,364'$ $3/4^{\circ}$ $2,706'$ | 1 3/4° 5 1 3/4° 5 1 3/4° 5 2° 5 3/4° 6 2° 6 | 5,090' 5,338' 5,588' 5,867' 6,120' 6,423' | · · · · · · · · · · · · · · · · · · · |
| 1 1/4° 900' 1 1/4° 1,205' 1 1/4° 1,563' 1 1/2° 1,965' 1 3/4° 2,364' 3/4° 2,706' | 1 3/4° 5 1 3/4° 5 2° 5 3/4° 6 2° 6 | 5,338' 5,588' 5,867' 6,120' 6,423' | · · · · · · · · · · · · · · · · · · · |
| <u>1 1/4° 1,205'</u> <u>1 1/4° 1,563'</u> <u>1 1/2° 1,965'</u> <u>1 3/4° 2,364'</u> <u>3/4° 2,706'</u> | <u>1 3/4° 5</u> <u>2° 5</u> <u>3/4° 6</u> 2° 6 | 5,588' 5,867' 6,120' 6,423' | |
| <u>1 1/4° 1,563'</u> <u>1 1/2° 1,965'</u> <u>1 3/4° 2,364'</u> <u>3/4° 2,706'</u> | 2° 5 3/4° 6 2° 6 | 5,867' 6,120' 6,423' | |
| <u>1 1/2° 1,965'</u> <u>1 3/4° 2,364'</u> <u>3/4° 2,706'</u> | 3/4° 6 | 6,120' | |
| <u>1 3/4° 2,364'</u> <u>3/4° 2,706'</u> | 2° 6 | 6,423' | |
| 3/4° 2,706' | | | |
| | <u>1° (</u> | | |
| 1° 2,891' | | 6,669' | |
| | 1 3/4° | 7,013' | |
| <u>1° 3,200'</u> | 3/4° | 7,322' | <u> </u> |
| <u>1° 3,479'</u> | 1 1/4° | 7,570' | |
| <u> </u> | 1 3/4° | 7,815' | |
| 1° 3,879' | 1 1/4° | 8,100' | |
| 1 3/4° 4,035' | | <u></u> | |
| 1 3/4° 4,350' | | | |

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| Нy | Commision | Expirest |

3-10-94

Midland

County Texas