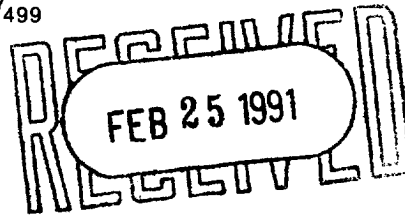


# Walters

DRILLING INC.  
P. O. BOX 717  
FARMINGTON, NEW MEXICO 87499  
(505) 327-5218



WC 6p

February 21, 1991

Yates Petroleum Company  
207 S. 4th Street  
Artesia, New Mexico 88210

Re: Ronald ACI Federal #1

p-20-24N-11W

## DEVIATION SURVEY

| <u>Depth</u> | <u>Degrees</u>          | <u>Depth</u> | <u>Degrees</u>          |
|--------------|-------------------------|--------------|-------------------------|
| 270'         | $\frac{1}{2}^{\circ}$   | 3028'        | $2 \frac{3}{4}^{\circ}$ |
| 787'         | $\frac{3}{4}^{\circ}$   | 3089'        | $2 \frac{1}{4}^{\circ}$ |
| 1283'        | $1 \frac{3}{4}^{\circ}$ | 3151'        | $2 \frac{3}{4}^{\circ}$ |
| 1408'        | $2^{\circ}$             | 3246'        | $2 \frac{1}{4}^{\circ}$ |
| 1909'        | $3^{\circ}$             | 3340'        | $2^{\circ}$             |
| 2002'        | $2 \frac{1}{2}^{\circ}$ | 3435'        | $1 \frac{3}{4}^{\circ}$ |
| 2248'        | $2 \frac{1}{4}^{\circ}$ | 3530'        | $1 \frac{3}{4}^{\circ}$ |
| 2463'        | $2 \frac{1}{2}^{\circ}$ | 3593'        | $1 \frac{3}{4}^{\circ}$ |
| 2679'        | $2 \frac{1}{2}^{\circ}$ | 3719'        | $1 \frac{1}{2}^{\circ}$ |
| 2719'        | $2 \frac{1}{2}^{\circ}$ | 3906'        | $1 \frac{1}{4}^{\circ}$ |
| 2835'        | $3^{\circ}$             | 4405'        | $1 \frac{1}{2}^{\circ}$ |
| 2903'        | $2 \frac{1}{2}^{\circ}$ | 4820'        | $2 \frac{1}{2}^{\circ}$ |
| 2966'        | $2 \frac{1}{2}^{\circ}$ |              |                         |

M. Herman Walters  
President

**RECEIVED**  
MAR 25 1991  
OIL CON. DIV  
DIST. 3

Subscribed and sworn before me on this 21st day of February, 1991.

Gary S. Brink  
San Juan County, New Mexico  
My Commission Expires August 15, 1993.