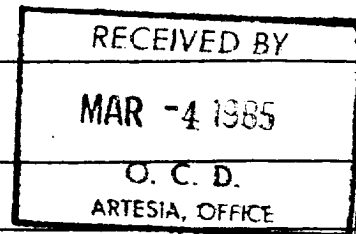


WELL NAME AND NUMBER: JAC N FEDERAL #1

LOCATION: SECT. 35 - T17S - R29E  
(GIVE UNIT, SECTION, TOWNSHIP AND RANGE)

OPERATOR: ARCO

DRILLING CONTRACTOR: RIO COLORADO 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 FOLLOWING RESULTS:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
<u>1/4° 376</u>	<u>1-1/4° 4,729</u>	<u>4° 6,333</u>
<u>1/4° 731</u>	<u>1° 5,029</u>	<u>4° 6,394</u>
<u>1/2° 1,176</u>	<u>2° 5,396</u>	<u>5° 6,456</u>
<u>1/2° 1,677</u>	<u>2° 5,476</u>	<u>4-3/4° 6,513</u>
<u>1° 1,910</u>	<u>3° 5,630</u>	<u>4-3/4° 6,573</u>
<u>1-1/4° 2,486</u>	<u>3° 5,730</u>	<u>4-1/2° 6,634</u>
<u>1-1/2° 2,763</u>	<u>4° 5,809</u>	<u>4-1/4° 6,697</u>
<u>1-1/2° 2,849</u>	<u>3° 5,840</u>	<u>4° 6,750</u>
<u>2° 2,960</u>	<u>4° 5,899</u>	<u>4° 6,758</u>
<u>1-1/2° 3,066</u>	<u>4° 5,959</u>	<u>4° 6,818</u>
<u>1-1/2° 3,216</u>	<u>4° 6,010</u>	<u>4° 6,880</u>
<u>2° 3,581</u>	<u>3-1/2° 6,083</u>	<u>4-1/4° 6,941</u>
<u>1-1/2° 3,836</u>	<u>4° 6,145</u>	<u>4-1/4° 7,003</u>
<u>1° 4,134</u>	<u>3-1/2° 6,208</u>	<u>4° 7,065</u>
<u>1-1/4° 4,411</u>	<u>4° 6,271</u>	<u>4-1/4° 7,127</u>

DRILLING CONTRACTOR RIO COLORADO DRILLING COMPANY

BY: Floyd Coote

SUBSCRIBED AND SWORN TO BEFORE ME THIS 26 DAY OF December, 1984

Sammy Atkins  
NOTARY PUBLIC Sammy Atkins  
Midland COUNTY Texas

MY COMMISSION EXPIRES: 6-11-86