



P. O. Box 900, 5651 US Hwy. 64 ▪ Farmington, New Mexico 87499  
(505) 327-4935 ▪ **24 Hour Dispatch (505) 325-6892** ▪ (505) 327-0416

RECEIVED  
DEC - 4 1998  
OIL CON. DIV.  
DIST. 3

RIG 44

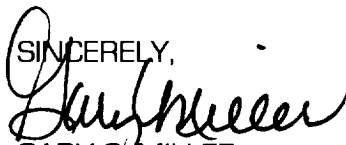
12/03/98

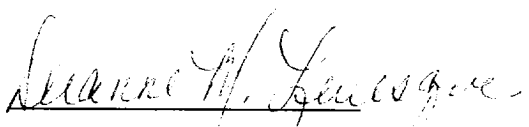
MALLON OIL CO.  
P.O. BOX 2797  
DURANGO, COLORADO 81302

THIS LETTER IS TO CERTIFY THAT KEY ENERGY SERVICE DID RUN DEVIATION  
SURVEYS AT THE LISTED DEPTH ON YOUR JICARILLA 458 -5 #3 WELL IN SECTION  
0- 15 T30N R3W IN RIO ARRIBA COUNTY, NEW MEXICO.

| DEPTH | DEGREE DEVIATION       | DEPTH | DEGREE DEVIATION |
|-------|------------------------|-------|------------------|
| 248   | $\frac{3}{4}^{\circ}$  |       |                  |
| 529   | $\frac{3}{4}^{\circ}$  |       |                  |
| 1038  | $\frac{3}{4}^{\circ}$  |       |                  |
| 1541  | $\frac{3}{4}^{\circ}$  |       |                  |
| 1948  | $1\frac{1}{2}^{\circ}$ |       |                  |
| 2451  | $1\frac{1}{4}^{\circ}$ |       |                  |
| 2945  | $1\frac{3}{4}^{\circ}$ |       |                  |

TO THE BEST OF MY KNOWLEDGE, I SWEAR THIS INFORMATION TO BE TRUE.

SINCERELY,  
  
GARY C. MILLER  
ASST. DRILLING SUPT.

NOTARY PUBLIC   
MY COMMISSION EXPIRES 6-26-02