

Pan Am State N2-36  
Hallwood Petroleum, Inc.  
Basin Fruitland Coal  
Sec. 36, T32N-R13W  
San Juan Co., NM

|                    |        |   |        |
|--------------------|--------|---|--------|
| Deviation Surveys: | 184'   | - | 1/4°   |
|                    | 327'   | - | 1/4°   |
|                    | 552'   | - | 1°     |
|                    | 1,047' | - | 1-1/2° |
|                    | 1,517' | - | 1°     |
|                    | 2,015' | - | 3/4°   |
|                    | 2,214' | - | 1-1/4° |

**RECEIVED**  
NOV 06 1990  
OIL CON. DIV.  
DIST. 3

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

Holly S. Richardson Sr. Ops. Eng. Tech. 11/1/90  
Holly S. Richardson Title Date  
Hallwood Petroleum, Inc.  
P.O. Box 378111  
Denver, CO 80237  
(303) 850-6322

Sworn to before me this 1st day of November, 1990.

My Commission Expires April 19, 1993

Judy E. Atkins  
Judy E. Atkins  
Notary Public