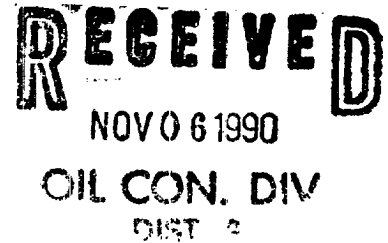


Federal M2-1
Hallwood Petroleum, Inc.
Basin Fruitland Coal
Sec. 1, T31N-R13W
San Juan Co., NM

Deviation Surveys: 186' - 1/2°
 312' - 1/2°
 807' - 3/4°
 1,341' - 3/4°
 1,905' - 3/4°



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