



P. O. Box 5577/Midland, Texas 79701/(915) 563-0511  
TWX 910-881-5066/Cable: EASTCO

### SURVEY CERTIFICATION SHEET

STATE OF TEXAS  
COUNTY OF MIDLAND

I, Larry Massey, in the employ of Eastman Whipstock, Inc., did on the days of September 21, 1978 thru September 21, 1978 conduct or supervise the taking of a Gyroscopic Multi Shot survey by the method of magnetic orientation from a depth of 11000 feet to 12950 feet, with recordings of inclination and direction being obtained at approximate intervals of 100 feet.

This survey was conducted at the request of Amoco Production Company for their Red Bluff State Well No. 1, Eddy County, State of New Mexico, in the \_\_\_\_\_ field.

The data for this survey and the calculations were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

Larry Massey  
Directional Supervisor/Surveyor

The data for this survey has been examined by me and conforms to principles and procedures set forth by Eastman Whipstock, Inc.

James B. [Signature]

Before me, the undersigned authority, on this day personally appeared Larry Massey, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that this instrument is a true statement of facts therein recited.

Subscribed and sworn to before me on this 13th day of October, 1978.

Anna M. Smith  
Notary Public in and for the County of  
Midland, Texas  
My commission expires 5-24-80