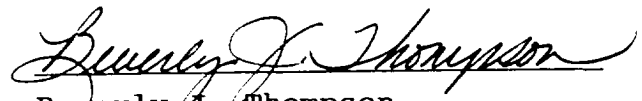


CORPORATION ACKNOWLEDGMENT

STATE OF OKLAHOMA)
) SS:
COUNTY OF CANADIAN)

On this 1ST day of NOVEMBER, 1990, before me, the undersigned, a Notary Public, in and for the County and State aforesaid, personally appeared R.K. "PETE" MARTIN to me known to be the identical person who signed the name of the maker thereof to the within and foregoing instrument as its DRILLING COST ANALYST and acknowledge to me that he executed and same as his free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.


Beverly J. Thompson

My Commission Expires:

11/18/90