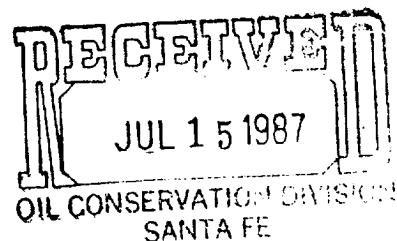


MURFIN
DRILLING
COMPANY

CONTRACTORS AND PRODUCERS



June 30, 1987

Mr. Maurice Mitchell
Amoco Production Co.
P. O. Box 68
Hobbs, NM 88240

Re: Deviation Surveys
BDCDGU Well #2034-131K
Union Co., NM

Dear Mr. Mitchell:

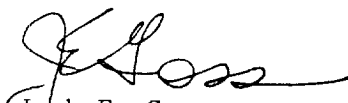
As per our conversation of a couple of weeks ago, this letter shall represent our certification of the deviation surveys taken on the above referenced well. According to our records the surveys were taken at the following depths:

498 feet - $3/4^{\circ}$
710 feet - $3/4^{\circ}$
2409 feet - $3/4^{\circ}$

If you have any questions, please feel free to give me a call.

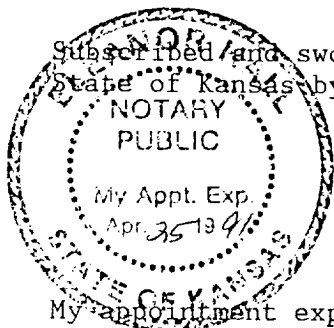
Sincerely,

MURFIN DRILLING COMPANY


Jack E. Goss
Assistant Drilling Manager

JEG:eh

Subscribed and sworn to before me, a Notary Public, in and for the State of Kansas by Jack E. Goss on this 30th day of June, 1987.




Eleanor Hall, Notary Public

My appointment expires: 4-25-91.