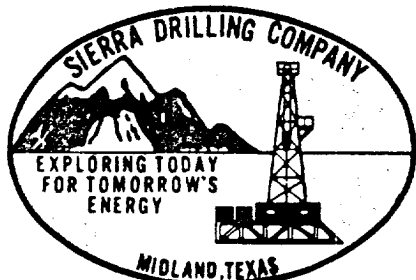


JAN 20 1983

MIDLAND



Donald L. Wallace
President

SIERRA DRILLING COMPANY

P. O. Box 2681

Midland, Texas 79702

(915) 563-3477

January 19, 1983

Pennzoil Company
P. O. Drawer 1828
Midland, TX 79702

Attention: Mr. Paul Bruce

Re: Elkans No. 24-1

Gentlemen:

The following is a Deviation Survey of the above referenced well located in Roosevelt County, New Mexico.

184 - 3/4	4906 - 1/4	9115 - 5 1/4
867 - 1/2	5400 - 1/2	9243 - 5
1370 - 3/4	5900 - 3/4	9338 - 4-3/4
1863 - 3/4	6400 - 1-3/4	9433 - 5
2071 - 1	6792 - 1-3/4	9497 - 4-3/4
2508 - 3/4	7078 - 2 1/4	9592 - 4-3/4
3000 - 1	7517 - 2-3/4	9689 - No Picture
3084 - 3/4	7822 - 2-3/4	9719 - 4 1/4
3504 - 3/4	8046 - 2 1/4	9845 - 4
4014 - 3/4	8561 - 2-3/4	10,000 - 4
4565 - 3/4	9098 - 5 1/4	

Sincerely,

SIERRA DRILLING COMPANY

Ray C. Talley
Ray C. Talley
Controller

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 19th day of January, 1983.

Milly Wilson
Notary Public



Milly Wilson
Notary Public, State of Texas
My Commission Expires 12/23/85

~~RECEIVED~~
JAN 28 1983
O.C.D.
HOBBS OFFICE