

PETROLEUM ENGINEERING
RESERVOIR STUDIES
EVALUATIONS
GEOLOGICAL STUDIES

WALSH
ENGINEERING & PRODUCTION
CORPORATION
EXECUTIVE BLDG. - 413 W. MAIN
P. O. BOX 254
FARMINGTON, NEW MEXICO
87401

LEASE MANAGEMENT
CONTRACT PUMPING
DRILLING SUPERVISION
WORKOVER SUPERVISION

TELEPHONE 325-8203

EWELL N. WALSH, P.E.
President

July 28, 1977

Mr. Al Kendrick
N.M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, N. M. 87410

Ref: Cotton Petroleum Corp.
Apache No. 21
Unit J-Sec. 4-T24N-R4W
Rio Arriba County, N.M.

Dear Mr. Kendrick:

The following deviation surveys were obtained on the
above-referred-to well.

<u>Depth</u>	<u>Deviation-Degree</u>
138'	$\frac{1}{2}$
550'	$\frac{1}{2}$
1100'	$\frac{3}{4}$
1739'	$1\frac{1}{4}$
2300'	$1\frac{1}{4}$
2788'	$1\frac{1}{4}$
3052'	$1\frac{1}{4}$

Very truly yours,

STATE OF NEW MEXICO)
COUNTY OF SAN JUAN) ss

Sworn to before me this
28th day of July, 1977.

Ewell N. Walsh
Ewell N. Walsh
President

Louise Thomason

Notary Public
My commission expires:
February 11, 1980.

