

PETROLEUM ENGINEERING  
RESERVOIR STUDIES  
EVALUATIONS  
GEOLOGICAL STUDIES

**WALSH**  
**ENGINEERING & PRODUCTION**  
**CORPORATION**  
EXECUTIVE BLDG. - 413 W. MAIN  
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FARMINGTON, NEW MEXICO  
87401

LEASE MANAGEMENT  
CONTRACT PUMPING  
DRILLING SUPERVISION  
WORKOVER SUPERVISION

TELEPHONE 325-8203

EWELL N. WALSH, P.E.  
President

July 13, 1977

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

Ref: Cotton Petroleum Corp.  
Apache No. 19  
Unit M-Sec. 3-T24N-R4W  
Rio Arriba County, N.M.

Dear Mr. Kendrick:

The following deviation surveys were taken on the above-referred-to well:

<u>Depth</u>	<u>Deviation-Degree</u>
144'	$\frac{1}{4}$
600'	$\frac{1}{4}$
1150'	$\frac{1}{2}$
1915'	$\frac{3}{4}$
2638'	$\frac{3}{4}$
3006'	1


Very truly yours,

STATE OF NEW MEXICO }  
COUNTY OF SAN JUAN } ss

Sworn to before me this  
13th day of July, 1977.

  
Notary Public

My commission expires:  
March 3, 1978.

  
Ewell N. Walsh  
President

