

PETROLEUM ENGINEERING  
RESERVOIR STUDIES  
EVALUATIONS  
GEOLOGICAL STUDIES

**WALSH  
ENGINEERING & PRODUCTION  
CORPORATION**

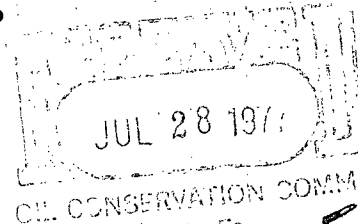
EXECUTIVE BLDG. - 413 W. MAIN  
P. O. BOX 254  
FARMINGTON, NEW MEXICO  
87401

LEASE MANAGEMENT  
CONTRACT PUMPING  
DRILLING SUPERVISION  
WORKOVER SUPERVISION

EWELL N. WALSH, P.E.  
President

TELEPHONE 325-8203

July 27, 1977



Mr. J. D. Ramey, Secretary-Director  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

*NSL - 875*  
*104 F*  
*Done Aug 17*

*Application* → Ref: Cotton Petroleum Corporation  
Apache No. 23  
2310' FSL, 1850' FWL  
Sec. 11-T24N-R4W  
Rio Arriba County, New Mexico  
Jicarilla Contract No. 126

Dear Mr. Ramey:

This application is being submitted for approval of an unorthodox location, as referred-to above, in the South Blanco Pictured Cliffs Pool.

The location is unorthodox due to:

1. Topography - The Largo Wash is south of the proposed location and prevents drilling a standard location 1850' FSL, 1850' FWL of the Section.
2. Due to geology of the Pictured Cliffs formation, it is necessary to be as far north and east in the SW/4 of the section as possible. To move the location closer to the south and west line could possibly prevent the location from being drilled due to estimated poor formation development.

Attached you will find a copy of the following:

1. Map indicating operator of offsetting proration units.
2. Well location and Acreage Dedication Plat.
3. Topography Map indicating the position of Largo Wash, South of the proposed location.

Mr. J. D. Ramey, Sec.-Director

July 27, 1977

Ref: Cotton Petroleum Corp.

Apache No. 23

Northwest Production Corporation is being notified by certified mail of this application.

Your consideration and cooperation in this matter is greatly appreciated.

Very truly yours,



Ewell N. Walsh, P. E.  
President

ENW:lt

Enclosures

cc:NMOCC, Aztec w/attach.

USGS, Durango w/attach.

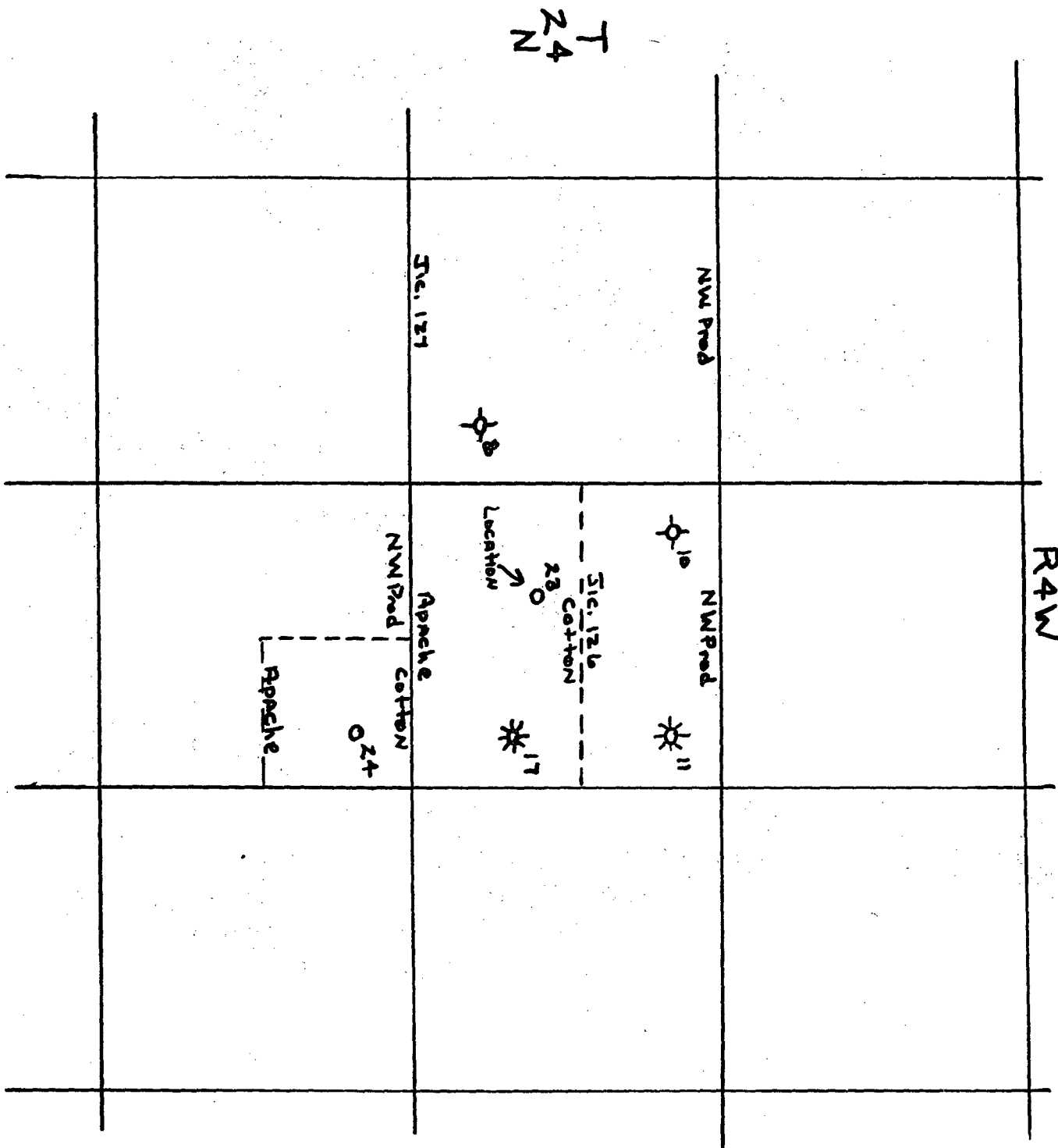
Mr. Harold TeCube, BIA, Dulce, w/attach

Cotton Petroleum Corp., Denver, w/attach

Mr. Ray Nordhausen, Northwest Production Corp.,

El Paso, w/attach

File, w/attach



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-85

All distances must be from the outer boundaries of the Section.

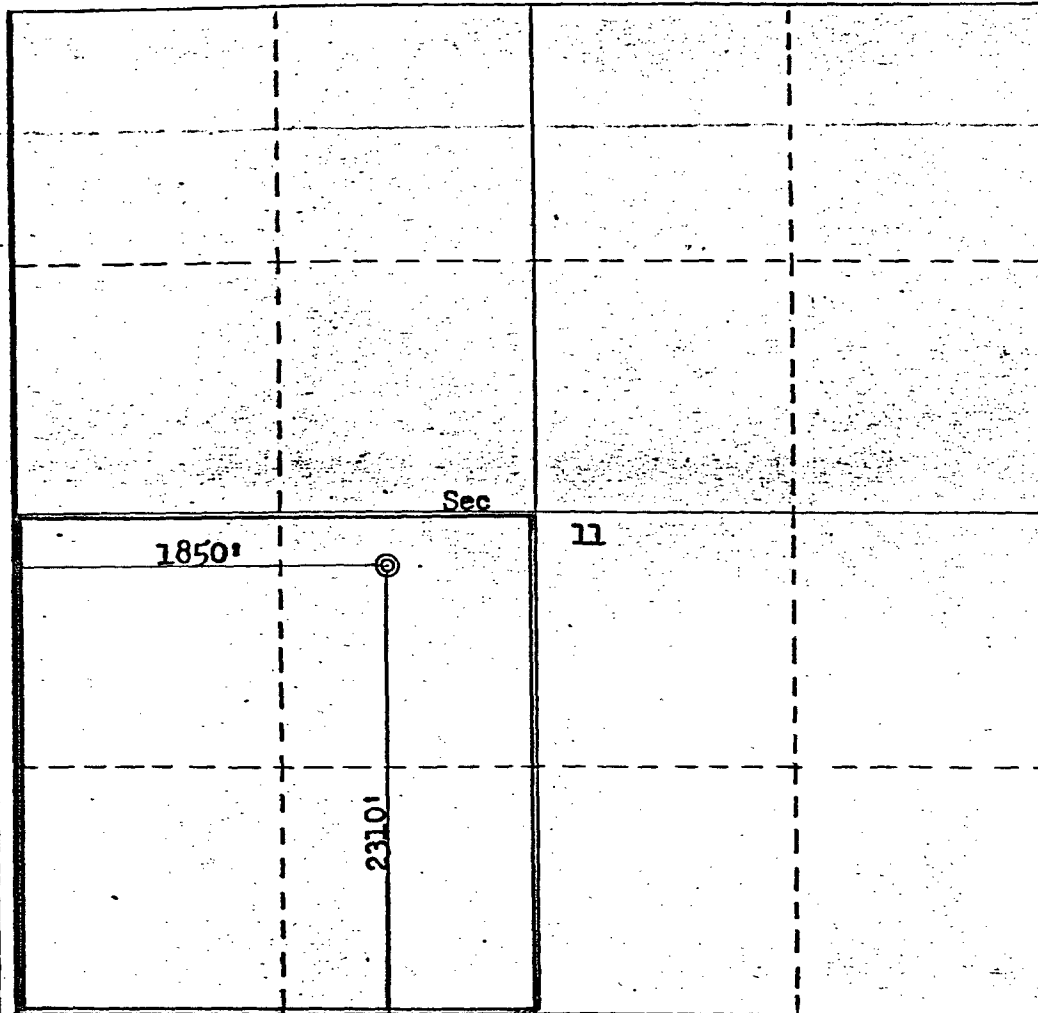
Operator <b>Cotton Petroleum Corporation</b>			Lease <b>Apache</b>		Well No. <b>23</b>
Unit Letter <b>K</b>	Section <b>11</b>	Township <b>24N</b>	Range <b>1W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6785</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>South Blanco Pictured Cliffs</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

For: Cotton Petroleum Corporation

Name \_\_\_\_\_

Position **Ewell N. Walsh, P.E.  
President, Walsh**

Company **Engineering &  
Production Corporation**

Date **July 25, 1977**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **July 12, 1977**

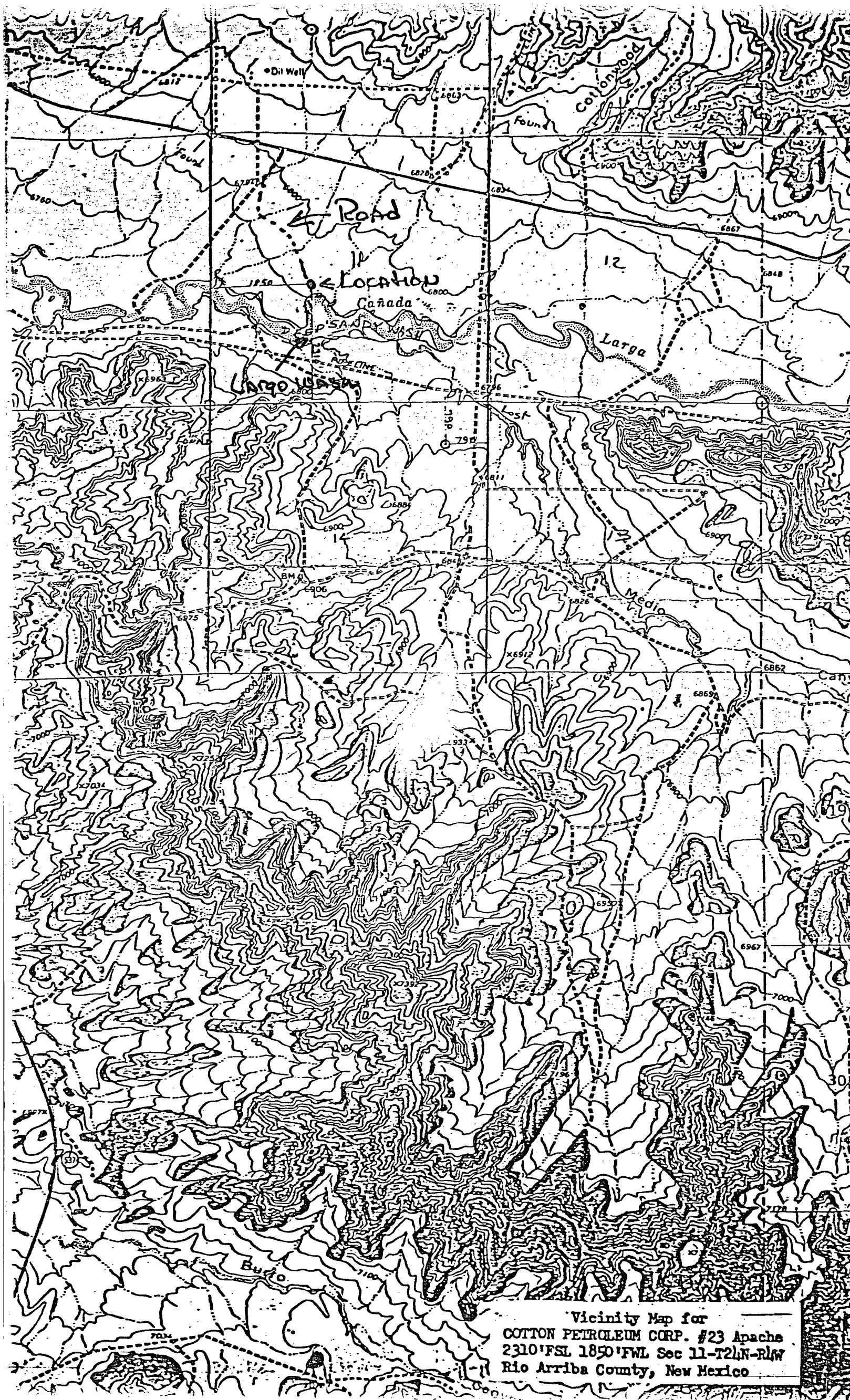
Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.

**3950**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



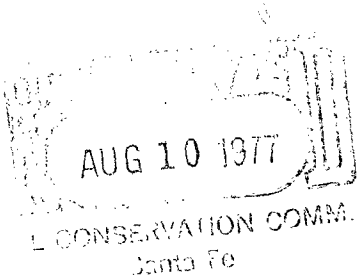
Vicinity Map for  
COTTON PETROLEUM CORP. #23 Apache  
2310'FSL 1850'FWL Sec 11-T24N-R14W  
Rio Arriba County, New Mexico

**NORTHWEST PRODUCTION CORPORATION**

POST OFFICE BOX 1796

EL PASO, TEXAS 79949

August 4, 1977



Mr. J. D. Ramey  
Secretary-Director  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: Cotton Petroleum Corporation  
Apache No. 23  
2310' FSL & 1850' FWL  
Section 11, T-24-N, R-4-W  
Rio Arriba County, New Mexico  
Jicarilla Contract No. 126

Dear Mr. Ramey:

We have no objection to the approval of the application submitted July 27, 1977 to drill the captioned well at an unorthodoxed location.

Very truly yours,

NORTHWEST PRODUCTION CORPORATION

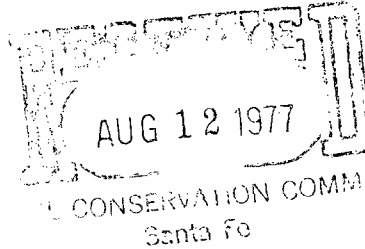
By: *H. Y. Canfield*

RHN:sas  
cc: Walsh Engineering &  
Production Corporation

OIL CONSERVATION COMMISSION  
Hytec DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 8-10-77



RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL ✓ \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 7-27-77  
for the Cotton Petr. Corp. Apache #23 K-11-24N-4W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

AR Tindick