

GENERAL OFFICE  
Box 2040  
TULSA 2, OKLA.

AMERADA PETROLEUM CORPORATION

Box 668  
HOBBS, NEW MEXICO

February 12, 1964

New Mexico Oil  
Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Re: Application of Amerada Petroleum  
Corporation for administrative  
approval of zone commingling of  
production on the W. E. Mathers  
"A" lease, Sec. 3, T 12 S, R 33 E.

Dear Sir:

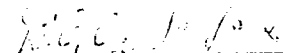
Amerada Petroleum Corporation is owner and operator of the 160 acre W. E. Mathers "A" lease described as the S/2 of the NW/4 and the W/2 of the NE/4 of Sec. 3, T 12 S, R 33 E. The lease now has one well (No. 1) producing from the Devonian and one well (No. 2) producing from the Pennsylvanian zone.

Well No. 1 produces approximately 30 barrels of 44.5° API gravity oil and No. 2 produces 148 barrels of 48.2° API gravity oil. Since both gravities are in the top price scale, the gravity of the mixture would also be in the top scale. The commercial value of the commingled production will be the same as the sum of the values of production from each source.

Amerada requests administrative approval of this application to commingle the Devonian and Pennsylvanian production on this lease by the subtraction method. Due to the fact that the Devonian zone is artificially lifted with a Kobe pump and power oil would interfere with metering of the Devonian, it is proposed to meter the Pennsylvanian zone with a dump type meter with sampler that has been previously approved by the Oil Conservation Commission. A substantial savings in surface equipment would be realized by this method.

Copies of this application are being sent to Texas Pacific Coal & Oil (offset operator) and Service Pipeline Company (purchaser).

Yours very truly,



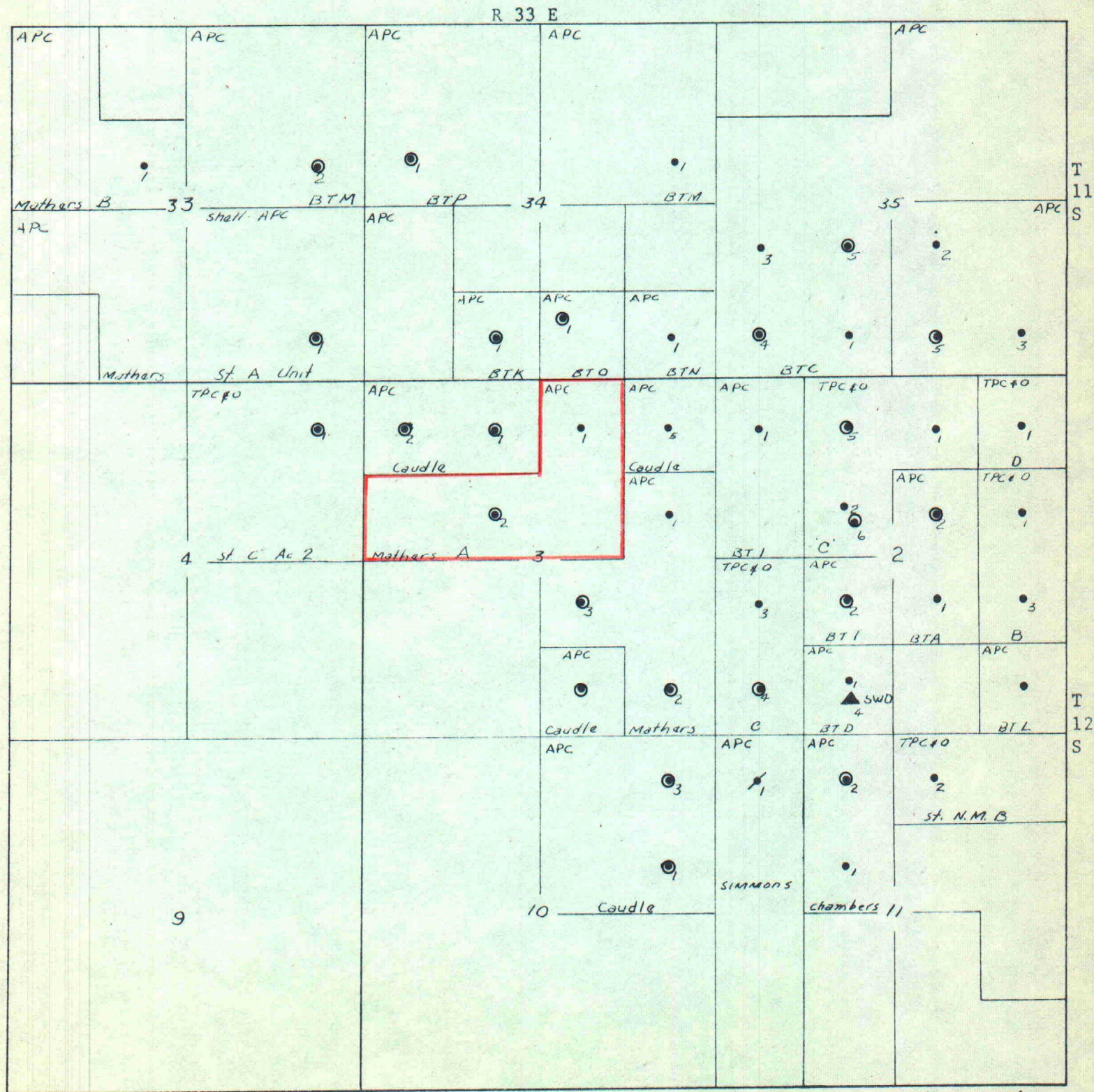
D. C. Capps  
District Superintendent

LET/jh

cc: O.C.C. Santa Fe  
O.C.C. Hobbs  
Mr. J. O. Hathaway  
Mr. O. C. McBryde

Mr. R. S. Christie  
Mr. Tom Lynch  
Midland  
Tatum

File  
T.P.C. & O.  
Box 1069, Hobbs  
Service Pipeline  
Box 337, Midland



1" = 2000'

- BAGLEY FIELD  
LEA COUNTY  
NEW MEXICO
- Pennsylvanian Zone
  - Devonian Zone

AMERADA PETROLEUM CORPORATION

W. E. MATHERS "A" LEASE

BAGLEY FIELD, LEA COUNTY, NEW MEXICO

DIAGRAM OF SURFACE EQUIPMENT

