

ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland Texas 79702
Telephone 915 684 0149
Jerry L. Tweed
District Engineer



September 16, 1980

Oil Conservation Division of the
New Mexico Department of Energy and Minerals
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. J. D. Ramey

Re: Application to Surface Commingle
W. F. Hanagan Lease
Section 12, T-25-S, R-36-E,
Lea County, New Mexico
Jalmat and Langlie Mattix Pools

Gentlemen:

ARCO Oil and Gas Company requests administrative approval under provision of Rule 303-B to surface commingle production from the Langlie Mattix and the Jalmat oil pools in the Hanagan No. 3 and the Hanagan No. 5, located in the NW/4 SW/4 and SE/4 SW/4 of Section 12, T-25-S, R-36-E, Lea County, New Mexico.

The two wells were incapable of producing top allowable (17 BOPD from No. 3 and 5 BOPD from No. 5). The gravity of the Langlie Mattix oil is 29° API and is valued at \$19 per barrel. The Jalmat oil is 32° API and is valued at \$35 per barrel. Production from each zone will be allocated based on a periodic test. Lease ownership and royalty are identical.

Attached is a schematic diagram of the proposed surface installation and a plat showing the location of all wells on the lease.

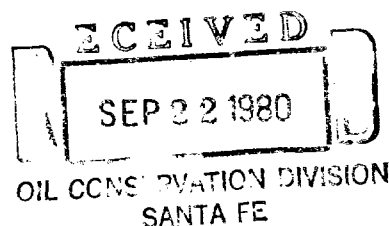
Your handling and approval of this application will be sincerely appreciated.

Very truly yours,

J. L. Tweed

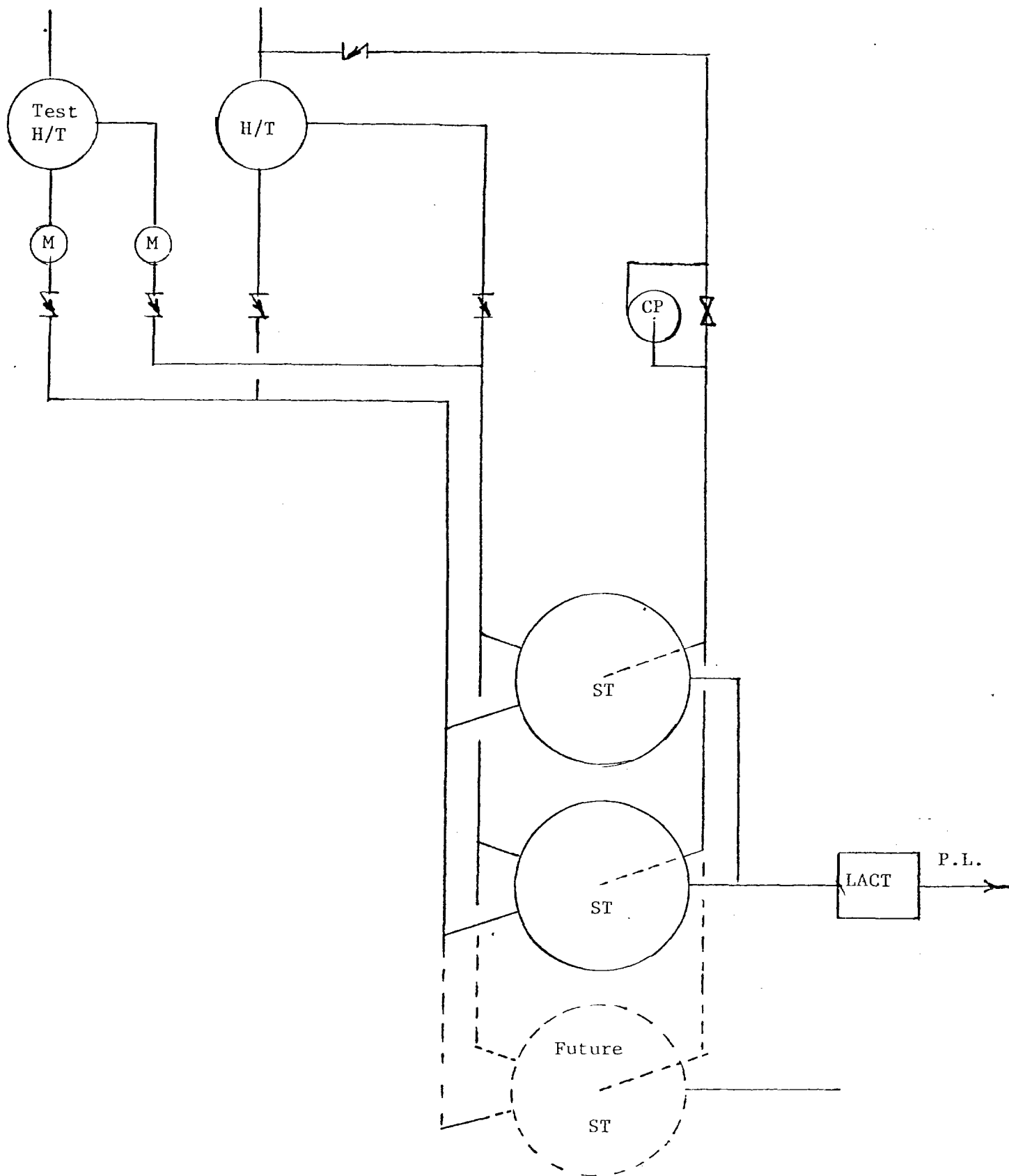
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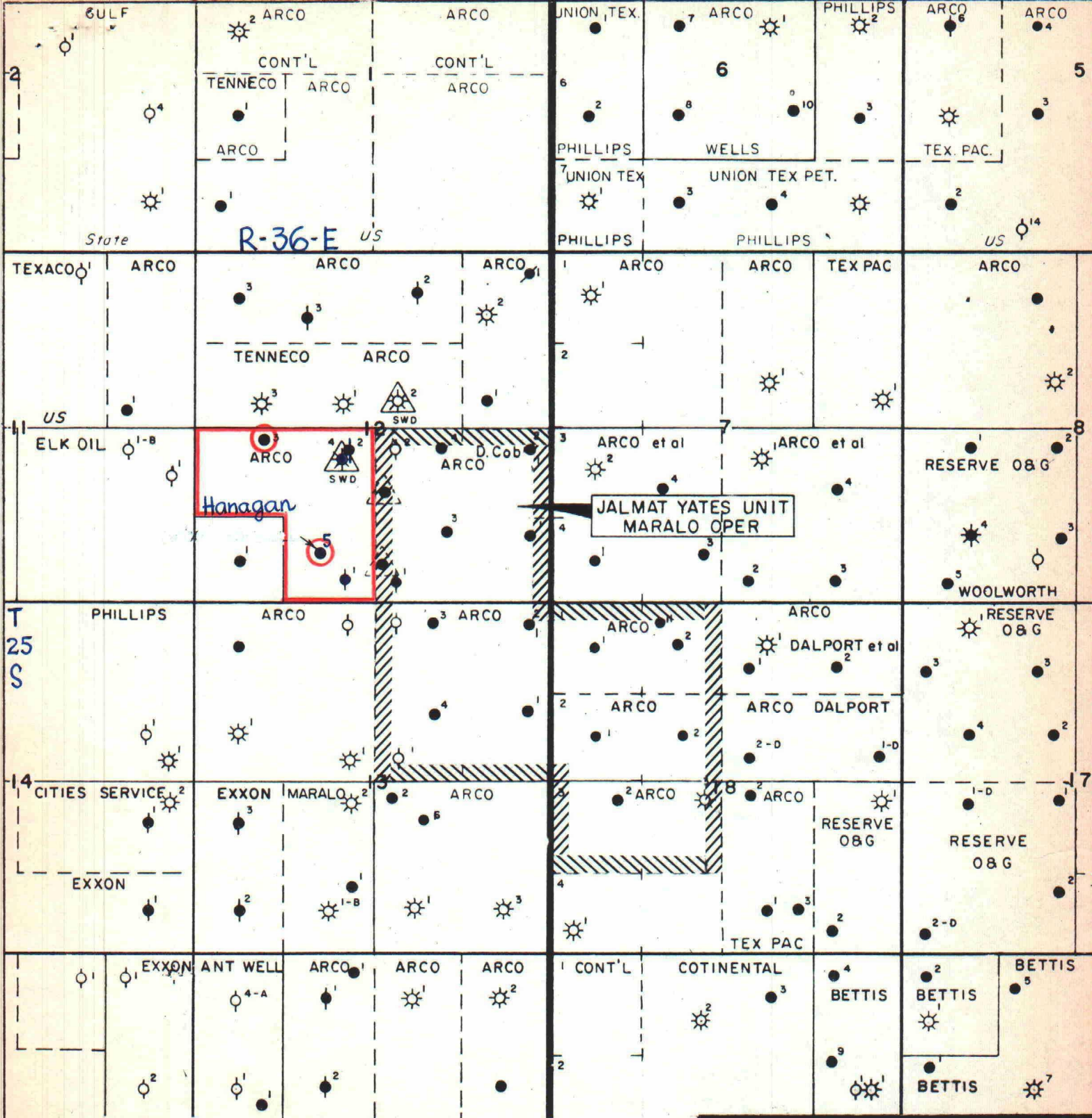
Attachment



Atlantic Richfield Company
Permian District
Engineering Section

Schematic Drawing
subject Hanagan Lease Commingling
by L. C. Hudry
date 8-26-80 page of





Hanagan No.1 : P & A 1940
 Hanagan No.2 : P & A 1941
 Hanagan No.3 : Langlie Mattix oil
 Hanagan No.4 : Jalmat SWD
 Hanagan No.5 : Jalmat oil .

ARCO Oil and Gas Company 
 Division of Atlantic Richfield Company
 Permian District Midland, Texas

ATLANTIC RICHFIELD CO.
W.F. HANAGAN NO. 5
JALMAT POOL
LEA COUNTY, NEW MEXICO

By: MIKE GRIFFIN	Drawn By: R.C.T.	Date: 9-20-79
Date: 9-20-79	Revised By:	Date:
Dept: WEST ENGR.	Dwg No:	

46 0703

10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

W.F. Hamagan No. 5

Jalmat oil Pool

Spud Date : 3/6/80

Completion Date : 5/11/80

60 - Day Production Period.

