

ATLANTIC

THE ATLANTIC REFINING COMPANY
INCORPORATED - 1870
PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT
NEW MEXICO DISTRICT

BOONE MACAULAY, DISTRICT MANAGER
R. F. CHAMPION, DISTRICT LANDMAN
W. T. EASTES, DISTRICT GEOPHYSICIST
E. R. DOUGLAS, DISTRICT GEOLOGIST
A. D. KLOXIN, DISTRICT DRG. & PROD. SUP'T.
W. P. TOMLINSON, DISTRICT ENGINEER
B. R. WARE, ADMINISTRATIVE SUPERVISOR

February 10, 1964

MAILING ADDRESS
P. O. BOX 1978
ROSWELL, NEW MEXICO

Mr. A. L. Porter
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

Re: The Atlantic Refining Company Seeks
an Exception to Rule 303 to Commingle
Marginal Production from the Wolfcamp
and Devonian Pools on the Dickinson "D"
Lease in Denton Field, Lea County,
New Mexico, Without Separately
Metering Production

Dear Mr. Porter:

The Atlantic Refining Company seeks an exception to Rule 303. We propose to commingle the marginal production from the Wolfcamp and Devonian pools on our Dickinson "D" lease in Denton Field. We also propose to allocate production based on a six months production test. Our Dickinson "D" lease in Denton Field has eight (8) producing wells. Three (3) of the wells are in Wolfcamp pool and the other five (5) wells are in the Devonian pool. All the wells are on artificial lift. None of the wells have produced top allowable for the past sixty days or are capable of producing top allowable. A summary of the average daily oil production from each well in this lease is as follows:

	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Dickinson D-7 (W)	4	3	5	2	2
Dickinson D-8 (W)	9	7	4	3	4
Dickinson D-10 (W)	2	2	1	0	0
Dickinson D-1 (D)	2	2	3	4	3
Dickinson D-3 (D)	41	55	54	47	37
Dickinson D-4 (D)	34	45	44	41	32
Dickinson D-5 (D)	32	39	37	36	28
Dickinson D-6 (D)	7	13	14	13	10

The gravity on the Wolfcamp production is 42.3° API, and the gravity on the Devonian production is 44.0° API. The price is the same for all oil with a gravity range from 40.0° to 44.9° API. Since the gravity of the commingled production will still fall within this range, there will not be any difference in the amount of money received for the production.

Mr. A. L. Porter
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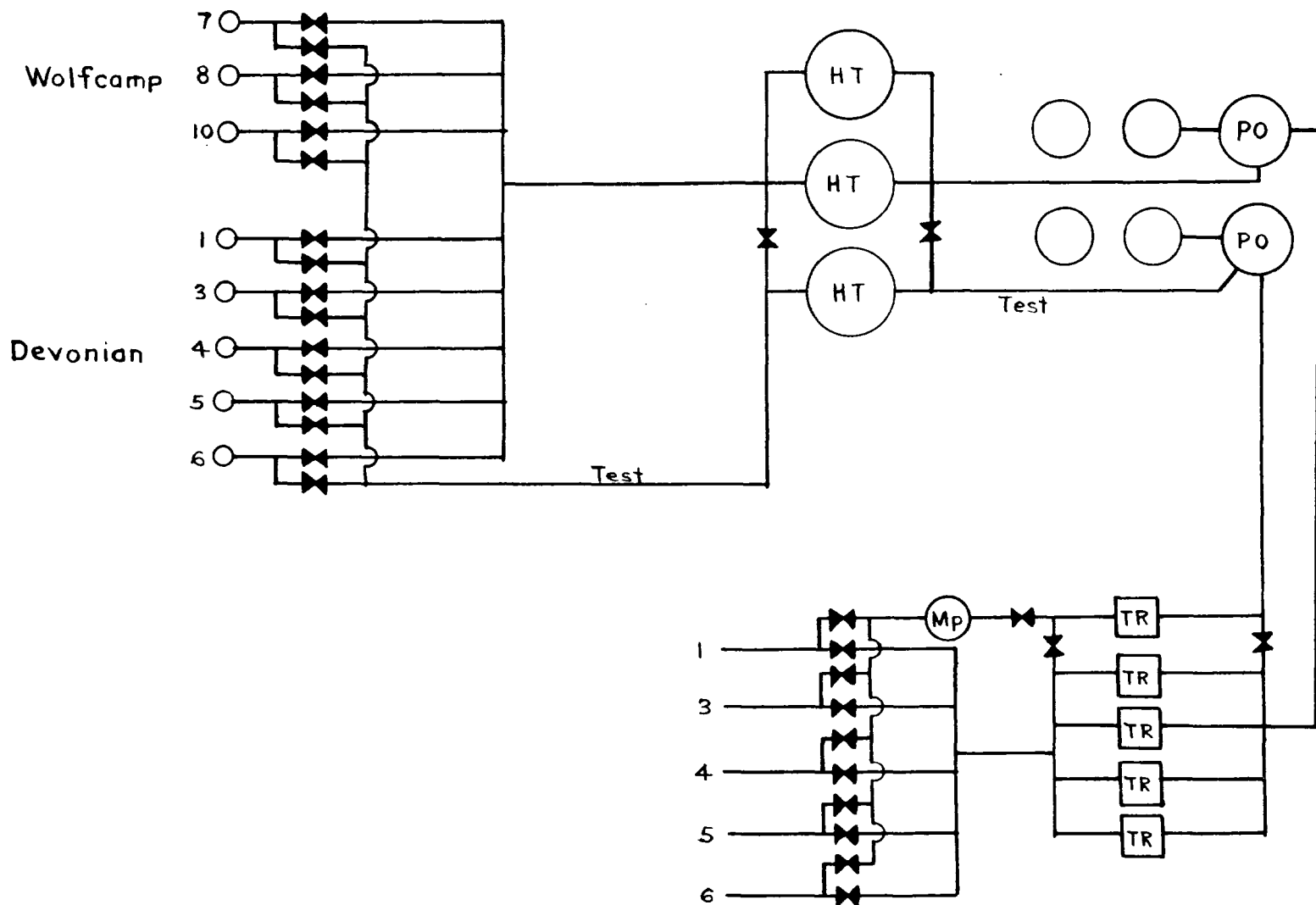
Attached is a schematic diagram of the proposed installation and also a plat showing the location of all the wells on the lease. On this lease, we propose to test the individual wells and measure the production directly in a stock tank through the test section. On normal production, the eight (8) wells will be commingled and the production routed through a heater treater prior to entering a stock tank. Since each hydraulically pumped well will be tested through a segregated power oil tank during the test period, the use of a power oil meter is not necessary to account for the amount of power oil used. The primary purpose of the power oil meter is for determining the efficiency of the down hole equipment.

Very truly yours,
















W. P. Tomlinson
W. P. Tomlinson *WPC*

WPT:ly
Attachment

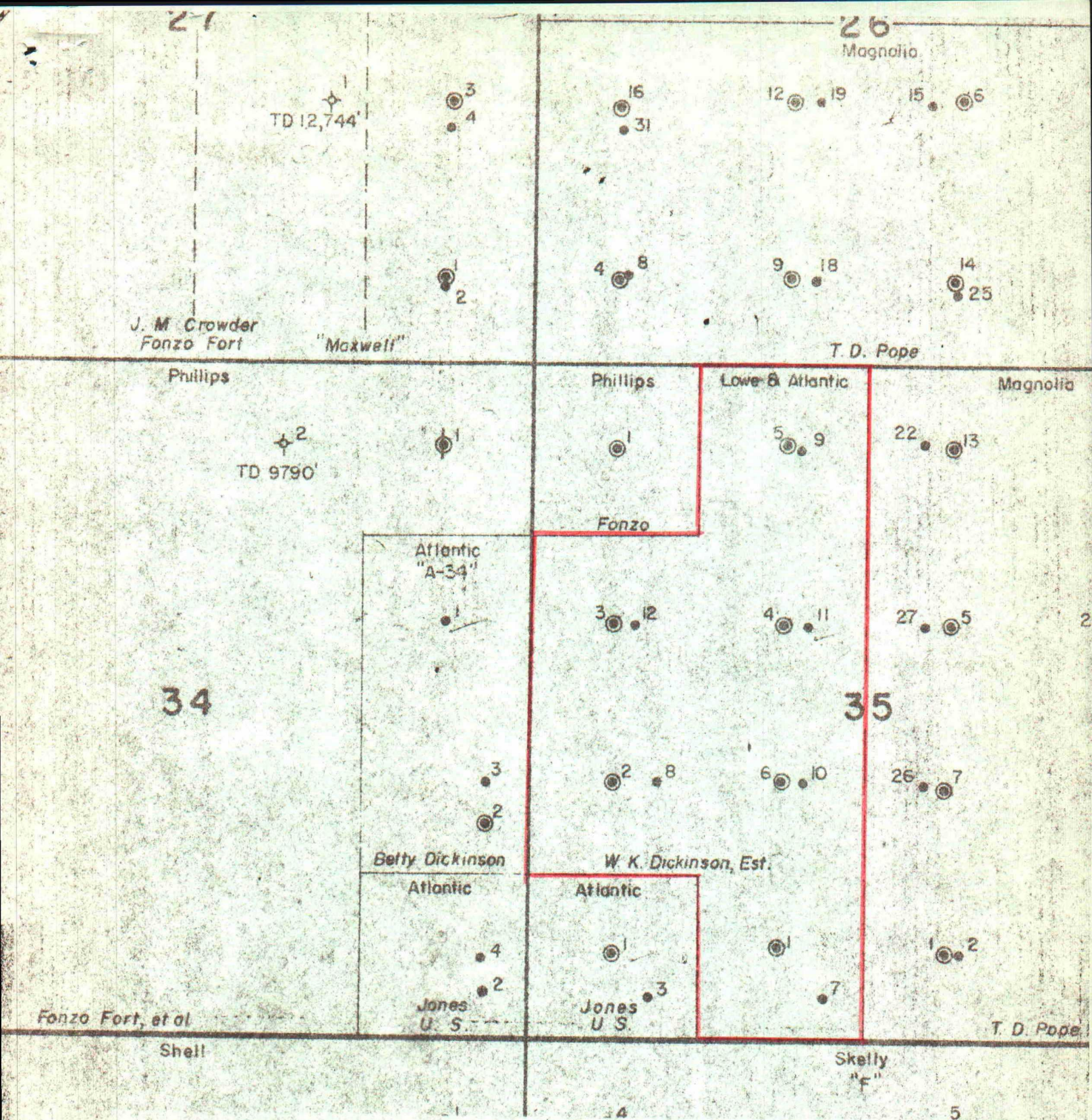
cc: Mr. J. Ramey, N.M.O.C.C., Hobbs
Mr. A. B. Macaulay, Roswell
Mr. A. D. Kloxin, Roswell
Mr. D. L. Langston, Hobbs



SYMBOLS

-  Check Valve
-  Block Valve
-  2 Way Valve (Pneumatic or Electrically Controlled)
-  3 Way Valve (Manual, Pneumatic or Electrically Controlled)
-  Control Panel (Pneumatic or Electrical)
-  Gas Meter
-  Meter
-  Meter for Power Oil
-  Testing Vessel (Heater-Treater or Separator)
-  Heater Treater
-  Power Oil Tank
-  Stock Tank
-  Pump
-  Separator
-  Sampler

SCHEMATIC DRAWING
DICKINSON "D" LEASE
DENTON FIELD
NEW MEXICO



The Atlantic Refining Company
W. K. Dickinson HDE Lease
Denton Field
Lea County, New Mexico
• Wolfcamp
⊙ Devonian