















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
STATE "Y" LEASE
JUSTIS FIELD
NEW MEXICO



THE ATLANTIC REFINING COMPANY

INCORPORATED - 1870

PETROLEUM PRODUCTS

August 7, 1962

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 DRUG. & PROD. SUP'T.
W. P. TOMLINSON, DISTRICT ENGINEER
B. R. WARE, ADMINISTRATIVE SUPERVISOR

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

Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

BEST AVAILABLE COPY

Re: Commingle Lease
Atlantic Refining Company
State "Y" Lease, Justis Field
Lea County, New Mexico

Dear Sir:

Reference is made to Case No. 1588, Order No. R-1377 whereby, The Atlantic Refining Company was granted permission to commingle the production from the Ellenburger, McKee, Fusselman, Montoya, Blinbry and Drinkard zones in a common battery. This Order states that each pool should be separately metered prior to commingling.

The Ellenburger zone has since been depleted and is no longer productive on this lease. To facilitate testing and producing of the remaining pools, we propose to revamp our commingling installation and make use of some Ellenburger surface equipment not being used. In revamping this facility, we propose to up-grade the installation to conform with the MANUAL FOR THE INSTALLATION AND OPERATION OF COMMINGLING FACILITIES. We are proposing to use the subtraction method for the Montoya zone. We respectfully request that Order No. R-1377 be amended or that you give us permission to have an unmetered zone whose production will be determined by the subtraction method.

Enclosed is a schematic drawing of our proposed installation which we feel will give us adequate control during both producing and testing periods.

Should any other information or additional copies of these plats be required, please notify the writer.

Yours very truly,

The Atlantic Refining Company

A. D. Kloxin
A. D. Kloxin

enc

cc: Joe D. Ramey w/enc

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case 1588

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January 9, 1959

Rule 303
excep.
Hinkle

Mr. Clarence Hinkle
Hervey, Dow & Hinkle
P.O. Box 547
Roswell, New Mexico

Dear Mr. Hinkle:

Reference is made to your letter of January 8, 1959,
concerning the necessity of giving notice to offset operators in
commingling cases.

The Commission Rules and Regulations do not so require,
publication by the Commission being deemed sufficient.

However, as a matter of practice most operators do notify
offsets when applying for an exception to Rule 303, presumably as a
comity measure.

Very truly yours,

Oliver E. Payne
Counsel

OEP:bp

C
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Y

ILLEGIBLE

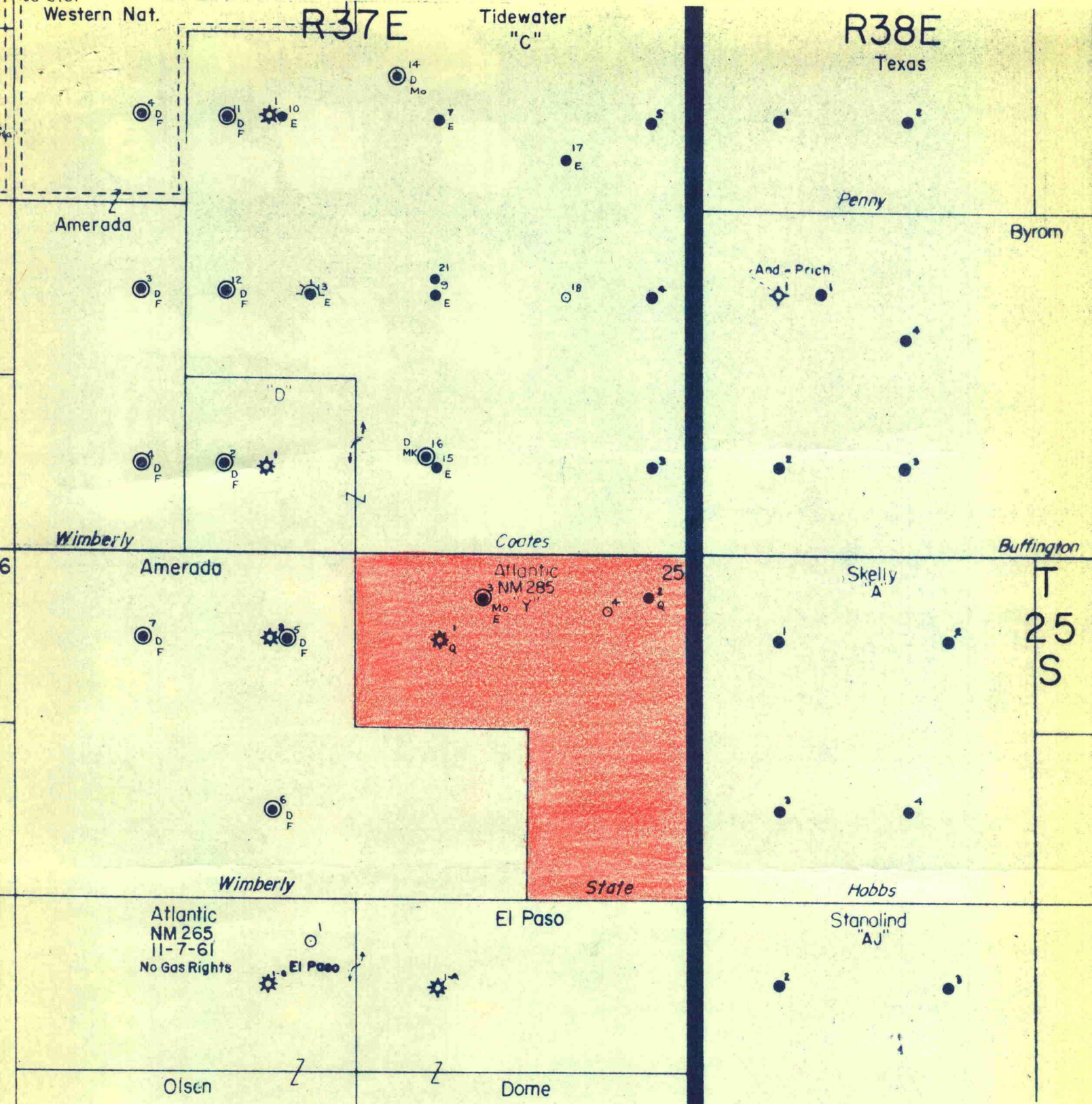
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Figure II

Figure II shows the proposed installation when a second well is drilled producing from the same two zones as the first well. Each producing zone has its own separator with meters. A test separator and meter has been added along with a test header. This test header is connected to oil zones. Each flow line connected to the header is equipped with a check valve to prevent backflow from one zone to another. Either zone of either well can be tested independently with oil and gas being metered.

Figure III

Figure III shows the proposed test battery when a third well is drilled. This well is shown to be producing from one of the reservoirs common to the first and second well, and from a third zone which has not been produced before completion of the third well. Here another separator, oil meter and gas meter has been added to the third zone. If additional wells and zones are completed either duals or singlets, they will produce through their respective separators. A separator and meters are provided for each producing reservoir. When water production begins on any zone an emulsion breaker will be installed before the separator and oil meter.



THE ATLANTIC REFINING COMPANY
WEST TEXAS--NEW MEXICO REGION
AREA OF STATE "Y" LEASE

JUSTIS POOL
SCALE: 1"=1000'