

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



September 28, 1981

U. S. Department of Interior
Geological Survey
South Central Region
P. O. Drawer 1857
Roswell, New Mexico 88201

Attention: Mr. James A. Gilliam

Gentlemen:

RE: ARCO Duthie Andrews Federal #1
660 FSL 1980 FEL Sec. 18, 23S, 37E
Lea County, New Mexico
Application for Surface Commingling

ARCO Oil & Gas Company requests approval for surface commingling of oil production from the recently completed Duthie Andrews Federal No. 1 with other Langlie Mattix oil production from ARCO's 280 acre Duthie Andrews WN lease.

The oil is from the same reservoir, and the price received will not be reduced because of commingling. Accurate measuring facilities will be installed to assure proper credit for oil sales. A diagrammatic sketch of the proposed surface facilities is attached to the enclosed Application to Commingle which is being filed with the New Mexico Department of Minerals and Energy. Oil from the Duthie Andrews Fed #1 will be measured through a one barrel positive displacement vessel with a recording counter. Each one barrel dump of the meter will be recorded on a mechanical counter and this will provide a record of the oil produced from the lease for purposes of allocating sales volumes to this well.

The purpose of surface commingling is to reduce the investment and operating cost of the production facilities for the subject well. This will permit ARCO to recover more reserves before the well reaches its economic limit. This, in turn, will result in more revenue to the lease, to be divided between the operator and royalty owner.

If additional information is required, please let me know.

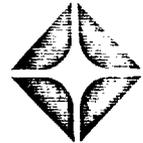
Sincerely,

J. L. Tweed
District Engineer

BLS:JLT:cn

Attachments

ARCO Oil and Gas Company
P.O. Box 1183
Post Office Box 1183
Midland, Texas 79702
Telephone 915 684 0149
Jerry L. Tweed
District Engineer



September 28, 1981

RECEIVED
OCT 18 1981
OIL CONSERVATION DIVISION
SANTA FE

RECEIVED
OCT 5 1981
HOUSTON, TEXAS

The Permian Corporation
P. O. Box 1183
Houston, Texas 77001

Gentlemen:

RE: Lease Commingling Application
Duthie Andrews Fed NMOCC Lease No. 032726
Duthie Andrews WN NMOCC Lease No. 054453
Lea County, New Mexico

Attached is a copy of our application to the New Mexico Oil Conservation Division to commingle oil production from the above leases. In order to expedite NMOCD approval we request from you, as a commingled production purchaser, a waiver to lease commingle the production.

Enclosed are two copies of this letter along with stamped, addressed envelopes. Please execute the waiver below and send one copy to the Oil Conservation Division and one copy to us. Thank you for your time in handling this matter.

Very truly yours,

J. L. Tweed

JLT:BLS:cn

Attachment

WAIVER APPROVED:

W. D. King 10/5/81
Signed _____ Date _____
The Permian Corp.
Company _____

ARCO Oil and Gas Company

Perkins, Texas
Post Office Box 1000
Midland, Texas 79701
Telephone 512/834-1111
Jewell, Texas
District Office



P.L.

Handwritten notes:
Duthie Andrews Fed #1
Duthie Andrews WN #4
Duthie Andrews WN #5
Langlie Mattix Seven Rivers
Queen pool

September 28, 1981

Mr. Joe D. Ramey
Oil Conservation Division
New Mexico Department of Energy and Minerals
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

RE: Lease Commingling Application
Duthie Andrews Fed - NMOCC Lease No. LC 032726
Duthie Andrews WN - NMOCC Lease No. LC 054453

ARCO Oil and Gas Company requests administrative approval to commingle oil production from the Duthie Andrews Fed. No. 1 with oil production from the Duthie Andrews WN No. 4 and Duthie Andrews WN No. 5. The latter two wells both produce to a single battery located in unit letter B, Section 19, T-23-S, R-37E. All wells will be produced from the Langlie Mattix Seven Rivers Queen pool and have common ownership. Gas from Duthie Andrews Fed. #1 will be measured separately and sold directly to El Paso Natural Gas Co.

In support of our application for administrative approval to lease commingle we submit the following:

- a) Schematic diagram of the commingling facility.
- b) Plat of the above leases showing all wells located thereon and the formations in which they are completed.

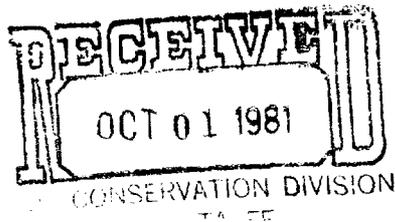
In addition to the above, purchasers of the commingled oil production have been furnished a copy of this application by Certified Mail.

Yours very truly,

J. L. Tweed
J. L. Tweed

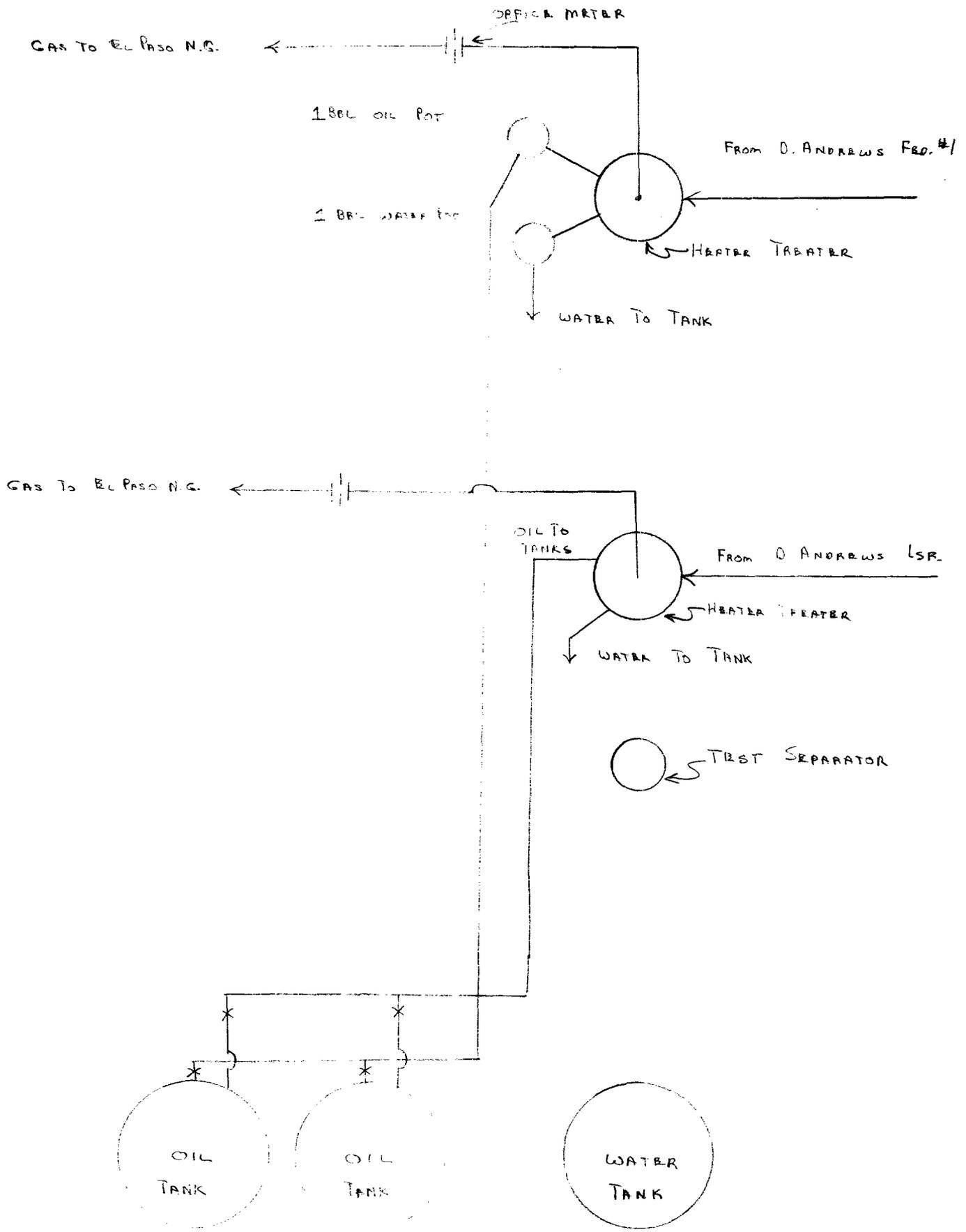
JLT:BES:cn

Attachment



ARCO Oil and Gas Company

Subject	D. ANDREWS Fed #1	Page No	Of
File	BATTERY SCHEMATIC	By	JVC
		Date	



ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0149

Jerry L. Tweed
District Engineer



September 28, 1981

The Permian Corporation
P. O. Box 1183
Houston, Texas 77001

Gentlemen:

RE: Lease Commingling Application
Duthie Andrews Fed NMOCC Lease No. 032726
Duthie Andrews WN NMOCC Lease No. 054453
Lea County, New Mexico

Attached is a copy of our application to the New Mexico Oil Conservation Division to commingle oil production from the above leases. In order to expedite NMOCD approval we request from you, as a commingled production purchaser, a waiver to lease commingle the production.

Enclosed are two copies of this letter along with stamped, addressed envelopes. Please execute the waiver below and send one copy to the Oil Conservation Division and one copy to us. Thank you for your time in handling this matter.

Very truly yours,

J. L. Tweed

JLT:BLS:cn

Attachment

WAIVER APPROVED:

Signed Date

Company

Oil Purchaser -

The Permian Corporation
P. O. Box 1183
Houston, Texas 77001