



TENNECO OIL COMPANY • P. O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302

25 APR 1968

PC -

Mr. A. L. Porter  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Jicarilla "C" No. 4, Unit F, Section 24, T-26-N  
R-5-W, Rio Arriba County, New Mexico

Dear Mr. Porter:

We hereby submit application to co-mingle condensate from the Dakota and Mesaverde Formation into common storage in accordance with Rules 303 and 309B, New Mexico Oil Conservation Commission.

The Dakota zone produces 75 barrels of condensate per MMCF and the Mesaverde zone produces 9 barrels of condensate per MMCF. We propose to allocate production, if any, back to each zone according to semiannual GOR tests to be reported on Form C-116. Ownership is common between zones.

Attached is a sketch outlining the hook-up of production equipment.

Yours very truly,

TENNECO OIL COMPANY

Robert E. Siverson  
District Production Superintendent

JEM:hes

Attachment



TENNECO OIL COMPANY • P. O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302

Mr. A. L. Porter  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Jicarilla "B" No. 4, Unit H, Section 21, T-26-N, R-5-W,  
Rio Arriba County, New Mexico

Dear Mr. Porter:

We hereby submit application to co-mingle condensate from the Dakota and Gallup Formation into common storage in accordance with Rules 303 and 309B, New Mexico Oil Conservation Commission.

The Dakota zone produces 64 barrels of condensate per MMCF and the Gallup zone produces 19 barrels of condensate per MMCF. We propose to allocate production, if any, back to each zone according to semiannual GOR tests to be reported on Form C-116. Ownership is common between zones.

Attached is a sketch outlining the hook-up of production equipment.

Very truly yours,

TENNECO OIL COMPANY

A handwritten signature in cursive script, appearing to read "Robert E. Siverson".

Robert E. Siverson  
District Production Superintendent

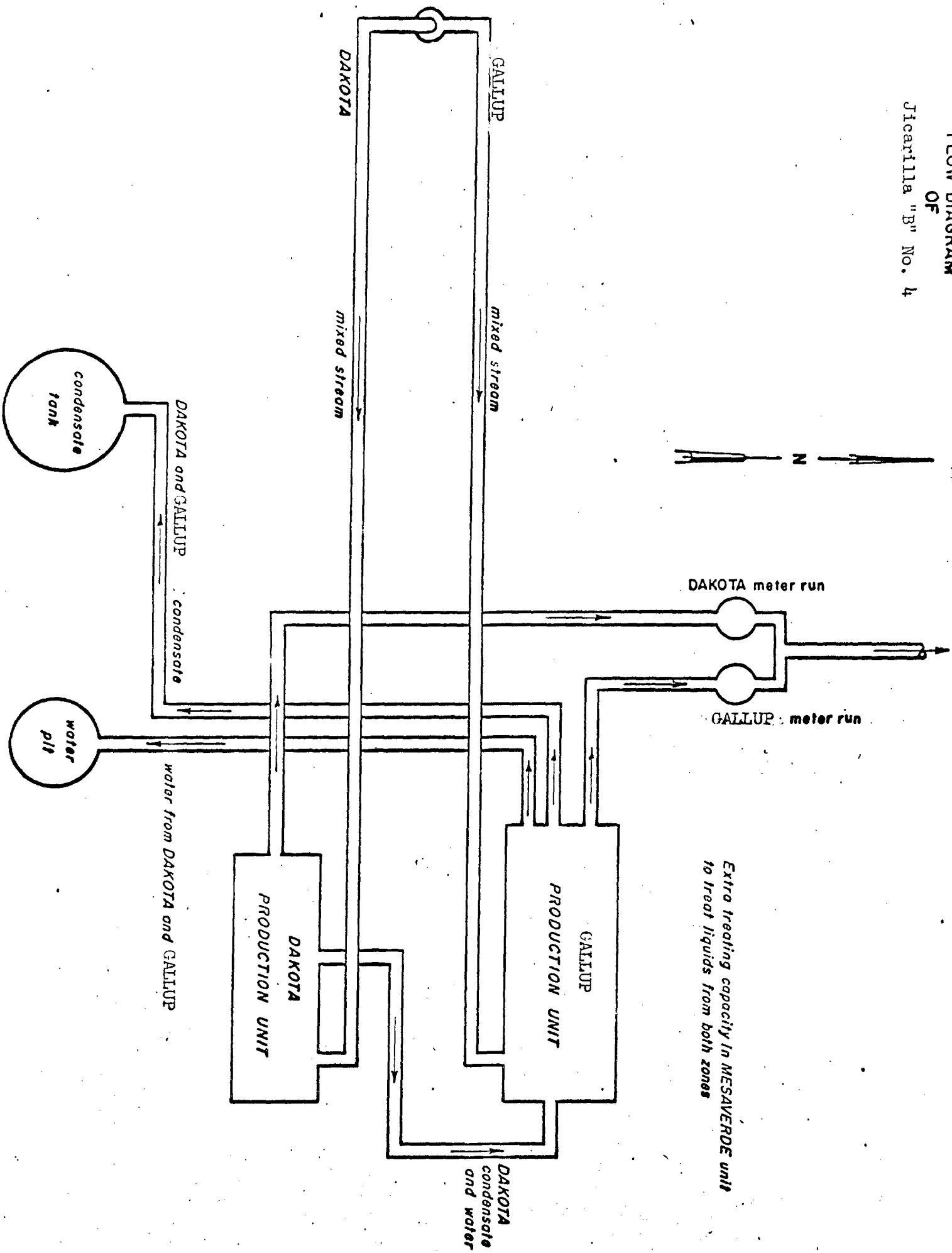
JEM/mkw

Attachment

TENNECO OIL COMPANY  
DURANGO, COLORADO

FLOW DIAGRAM  
OF

Jicarilla "B" No. 4





TENNECO OIL COMPANY • P. O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302

Mr. A. L. Porter  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Jicarilla "C" No. 3, Unit I, Section 23, T-26-N, R-5-W,  
Rio Arriba County, New Mexico

Dear Mr. Porter:

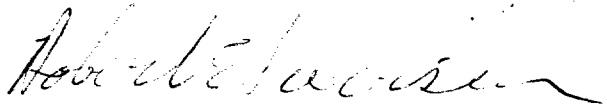
We hereby submit application to co-mingle condensate from the Dakota and Gallup Formation into common storage in accordance with Rules 303 and and 309B, New Mexico Oil Conservation Commission.

The Dakota zone produces 60 barrels of condensate per MMCF and the Gallup zone produces 21 barrels of condensate per MMCF. We propose to allocate production, if any, back to each zone according to semiannual GOR tests to be reported on Form C-116. Ownership is common between zones.

Attached is a sketch outlining the hook-up of production equipment.

Very truly yours,

TENNECO OIL COMPANY

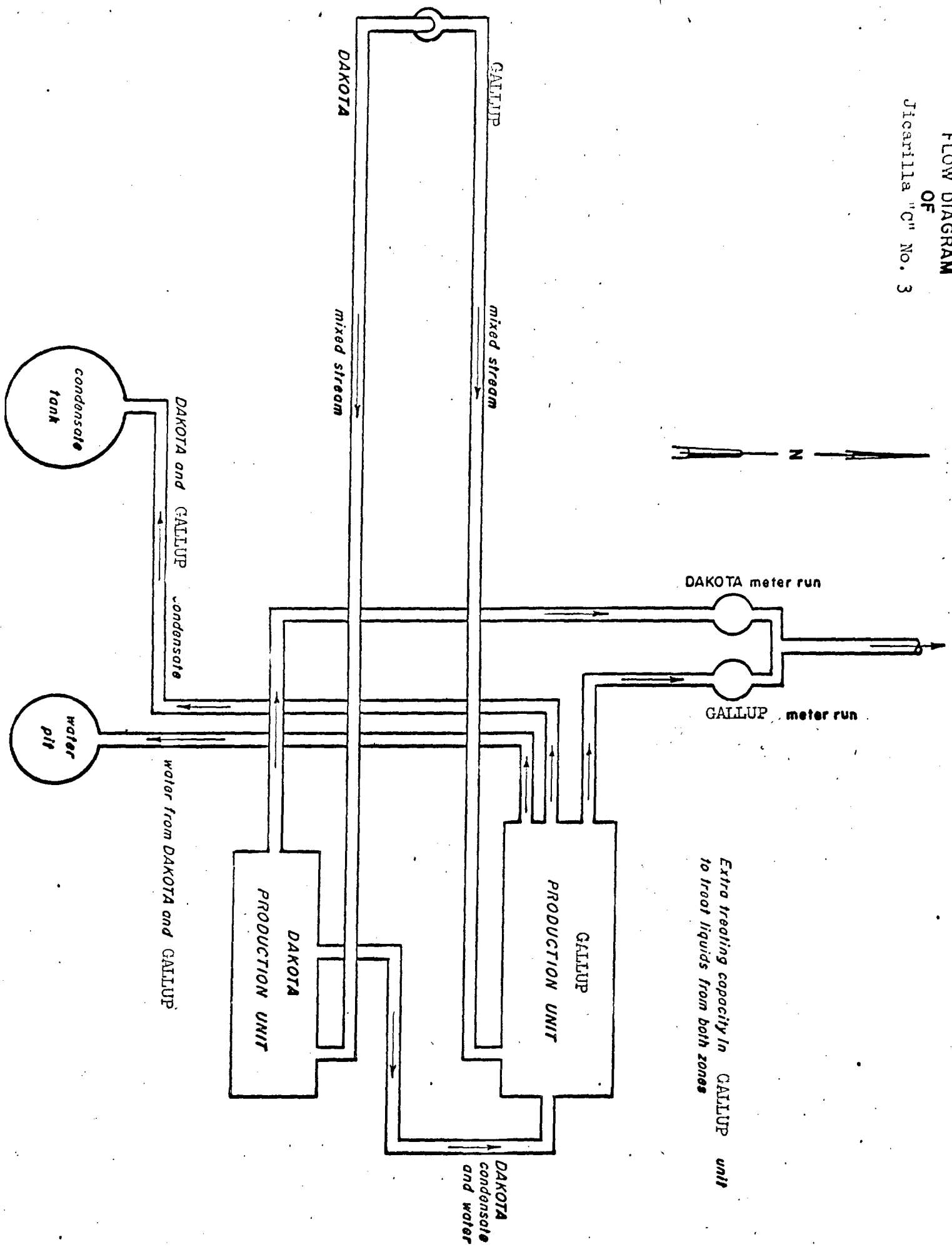
  
Robert E. Siverson  
District Production Superintendent

JEM/mkw

Attachment

FLOW DIAGRAM  
OF

Jicarilla "C" No. 3





TENNECO OIL COMPANY • P. O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302

Mr. A. L. Porter  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Jicarilla "A" No. 5, Unit G, Section 20, T-26-N, R-5-W  
Rio Arriba County, New Mexico

Dear Mr. Porter:

We hereby submit application to co-mingle condensate from the Dakota and Gallup Formation into common storage in accordance with Rules 303 and 309B, New Mexico Oil Conservation Commission.

The Dakota zone produces 80 barrels of condensate per MMCF and the Gallup zone produces 30 barrels of condensate per MMCF. We propose to allocate production, if any, back to each zone according to semiannual GOR tests to be reported on Form C-116. Ownership is common between zones.

Attached is a sketch outlining the hook-up of production equipment.

Very truly yours,

TENNECO OIL COMPANY

Robert E. Siverson  
District Production Superintendent

JEM/mkw

Attachment

TENNECO OIL COMPANY  
DURANGO, COLORADO

FLOW DIAGRAM  
OF

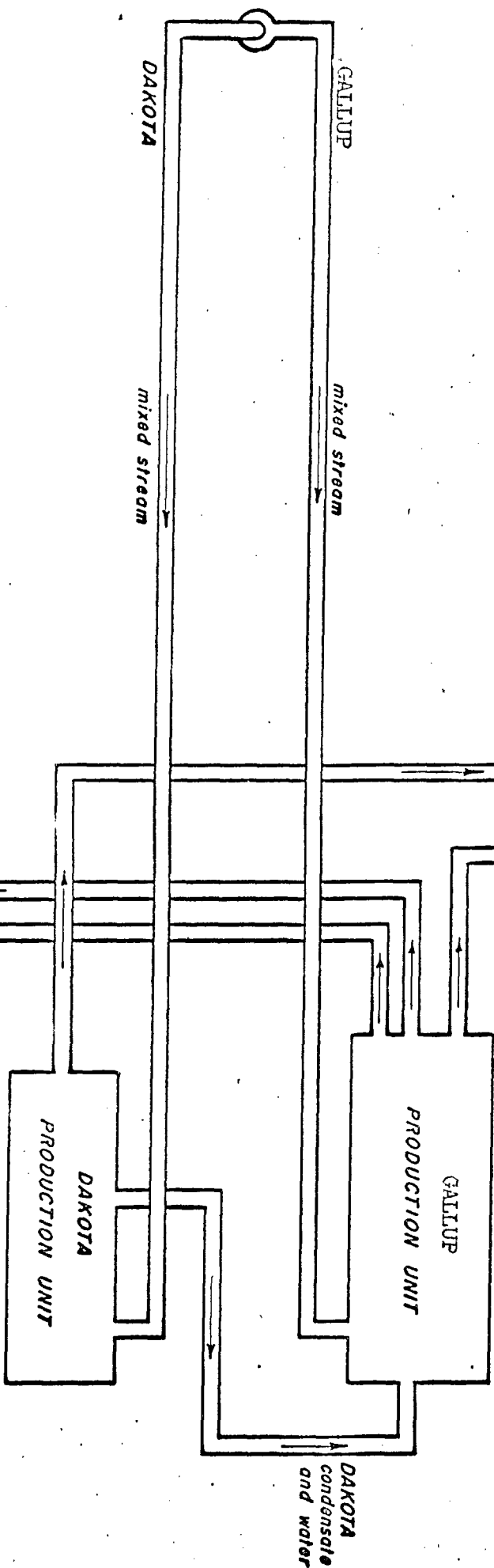
Jicarilla "A" No. 5



DAKOTA meter run

GALLUP meter run

Extra treating capacity in GALLUP unit  
to treat liquids from both zones



GALLUP

mixed stream

DAKOTA

mixed stream

DAKOTA and GALLUP condensate

condensate tank

water pit

water from DAKOTA and GALLUP

DAKOTA  
PRODUCTION UNIT

GALLUP  
PRODUCTION UNIT

DAKOTA  
condensate  
and water



TENNECO OIL COMPANY • P. O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302

3/14/68 11:13 AM

Mr. A. L. Porter  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Jicarilla "A" No. 3, Unit A, Section 19, T-26-N, R-5-W,  
Rio Arriba County, New Mexico

Dear Mr. Porter:

We hereby submit application to co-mingle condensate from the Dakota and Gallup Formation into common storage in accordance with Rules 303 and 309B, New Mexico Oil Conservation Commission.

The Dakota zone produces 90 barrels of condensate per MMCF and the Gallup zone produces 16 barrels of condensate per MMCF. We propose to allocate production, if any, back to each zone according to semiannual GOR tests to be reported on Form C-116. Ownership is common between zones.

Attached is a sketch outlining the hook-up of production equipment.

Very truly yours,

TENNECO OIL COMPANY

Original Signed

R. E. Siverson

Robert E. Siverson  
District Production Superintendent

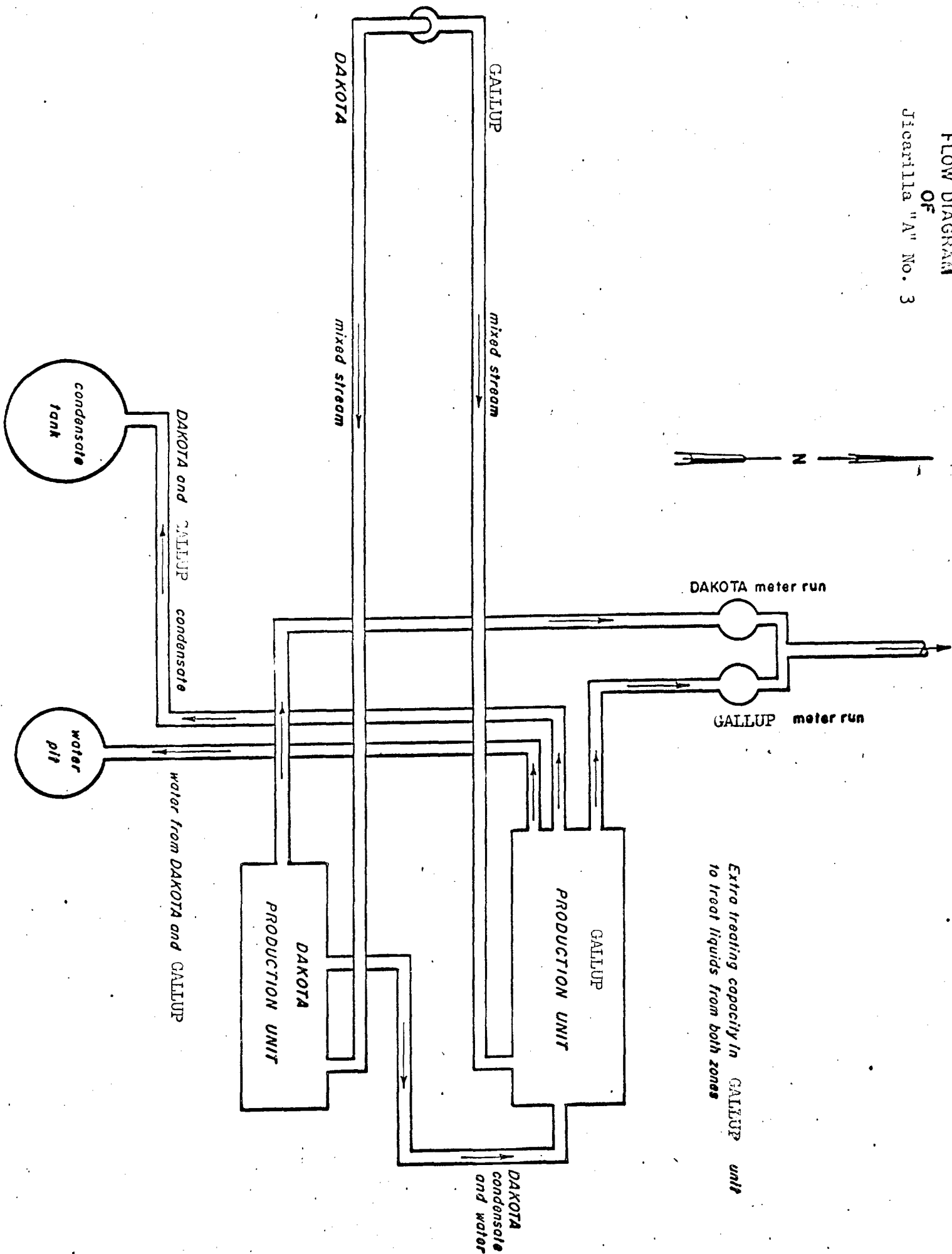
JEM/mkw

Attachment



FLOW DIAGRAM  
OF

Jicarilla "A" No. 3



OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

February 6, 1967

C  
O  
P  
Y  
  
Tenneco Oil Company  
P. O. Box 1714  
Durango, Colorado 81302

Attention: Mr. Robert E. Siverson

Gentlemen:

Reference is made to your recent applications to commingle condensate production from the Dakota and Mesaverde formations on several wells on the Jicarilla Reservation, Rio Arriba County, New Mexico.

Please furnish the Commission with the consent of the United States Geological Survey to the proposed commingling and we will be happy to process your application.

Very truly yours,

DANIEL S. NUTTER  
Chief Engineer

DSN/esr

THE CONSERVATION COMMISSION

1904-1905

REPORT OF THE COMMISSION

1904-1905

REPORT OF THE COMMISSION  
1904-1905  
1904-1905

REPORT OF THE COMMISSION

1904-1905

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REPORT OF THE COMMISSION

REPORT OF THE COMMISSION  
1904-1905

REPORT OF THE COMMISSION



TENNECO OIL COMPANY • P. O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302

March 7, 1967

Mr. Daniel S. Nutter  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Dear Mr. Nutter:

As per your request, we are submitting evidence of approval by the U. S. Geological Survey pertaining to our application for commingling on several wells on the Jicarilla Leases, Rio Arriba County, New Mexico.

Yours very truly,

TENNECO OIL COMPANY

J. E. Massey  
District Production Engineer

JEM/ja



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

February 24, 1967

Tenneco Oil Company  
P. O. Box 1714  
Durango, Colorado 81302

Attention: Mr. R. E. Siverson

Gentlemen:

Your letter of February 16 requests approval to commingle in common surface facilities liquid hydrocarbon production from the Dakota and Gallup formations from your dually completed well No. 5 Jicarilla "A", located in SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 20, T. 26 N., R. 5 W., N.M.P.M., Rio Arriba County, New Mexico, on Jicarilla Tribal lease Contract No. 110.

According to your application, you propose to allocate liquid hydrocarbon production back to each zone on the basis of semi-annual GOR tests.

The method you propose for the commingling of liquid hydrocarbon production in common storage is hereby approved. Form 9-361, "Lessee's Report of Sales and Royalty", must show for each formation all computations used in the calculation of liquid hydrocarbon sales.

You are requested to notify our Farmington office when the installation has been completed so that a field inspection of the system can be made.

Sincerely yours,

*Carl C. Traywick*

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

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RECEIVED

MAR 3 1967

TENNECO OIL COMPANY  
DURANGO, COLORADO



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

RECEIVED

67 MAR 8 AM 8 11

February 24, 1967

Tenneco Oil Company  
P. O. Box 1714  
Durango, Colorado 81302

Attention: Mr. R. E. Siverson

Gentlemen:

Your letter of February 16 requests approval to commingle in common surface facilities liquid hydrocarbon production from the Dakota and Gallup formations from your dually completed well No. 3 Jicarilla "A", located in NE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 19, T. 26 N., R. 5 W., N.M.P.M., Rio Arriba County, New Mexico, on Jicarilla Tribal lease Contract No. 110.

According to your application, you propose to allocate liquid hydrocarbon production back to each zone on the basis of semi-annual GOR tests.

The method you propose for the commingling of liquid hydrocarbon production in common storage is hereby approved. Form 9-361, "Lessee's Report of Sales and Royalty", must show for each formation all computations used in the calculation of liquid hydrocarbon sales.

You are requested to notify our Farmington office when the installation has been completed so that a field inspection of the system can be made.

Sincerely yours,

*Carl C. Traywick*

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor







UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

February 24, 1967

Tenneco Oil Company  
P. C. Box 1714  
Durango, Colorado 81302

Attention: Mr. R. E. Siverson

Gentlemen:

Your letter of February 16 requests approval to commingle in common surface facilities liquid hydrocarbon production from the Dakota and Gallup formations from your dually completed well No. 4 Jicarilla "B", located in SE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 21, T. 26 N., R. 5 W., N.M.P.M., Rio Arriba County, New Mexico, on Jicarilla Tribal lease Contract No. 109.

According to your application, you propose to allocate liquid hydrocarbon production back to each zone on the basis of semi-annual GOR tests.

The method you propose for the commingling of liquid hydrocarbon production in common storage is hereby approved. Form 9-361, "Lessee's Report of Sales and Royalty", must show for each formation all computations used in the calculation of liquid hydrocarbon sales.

You are requested to notify our Farmington office when the installation has been completed so that a field inspection of the system can be made.

Sincerely yours,

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

**RESEARCH**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1875  
Roswell, New Mexico 88201

February 24, 1967

Tenneco Oil Company  
P. O. Box 1714  
Durango, Colorado 81302

Attention: Mr. R. E. Siverson

Gentlemen:

Your letter of February 16 requests approval to commingle in common surface facilities liquid hydrocarbon production from the Dakota and Mesaverde formations from your dually completed well No. 4 Jicarilla "C", located in SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 24, T. 26 N., R. 5 W., N.M.P.M., Rio Arriba County, New Mexico, on Jicarilla Tribal lease Contract No. 108.

According to your application, you propose to allocate liquid hydrocarbon production back to each zone on the basis of semi-annual GOR tests.

The method you propose for the commingling of liquid hydrocarbon production in common storage is hereby approved. Form 9-361, "Lessee's Report of Sales and Royalty", must show for each formation all computations used in the calculation of liquid hydrocarbon sales.

You are requested to notify our Farmington office when the installation has been completed so that a field inspection of the system can be made.

Sincerely yours,

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

MEMORANDUM  
TO: [illegible]  
FROM: [illegible]

DATE: [illegible]  
SUBJECT: [illegible]

RE: [illegible]

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28. [illegible]  
29. [illegible]  
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Very truly yours,  
[illegible]

RECEIVED

MAR 3 1967

TENNECO OIL COMPANY  
DURANGO, COLORADO



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

February 24, 1967

Tenneco Oil Company  
P. O. Box 1714  
Durango, Colorado 81302

Attention: Mr. R. E. Siverson

Gentlemen:

Your letter of February 16 requests approval to commingle in common surface facilities liquid hydrocarbon production from the Dakota and Gallup formations from your dually completed well No. 3 Jicarilla "C", located in NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 23, T. 26 N., R. 5 W., N.M.P.M., Rio Arriba County, New Mexico, on Jicarilla Tribal lease Contract No. 108.

According to your application, you propose to allocate liquid hydrocarbon production back to each zone on the basis of semi-annual GOR tests.

The method you propose for the commingling of liquid hydrocarbon production in common storage is hereby approved. Form 9-361, "Lessee's Report of Sales and Royalty", must show for each formation all computations used in the calculation of liquid hydrocarbon sales.

You are requested to notify our Farmington office when the installation has been completed so that a field inspection of the system can be made.

Sincerely yours,

*Carl C. Traywick*

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

