

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

December 6, 1966

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

RE: Aztec Oil & Gas Company
Culpepper Martin Well No. 4
Located Unit N Section 28-32N-12W
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico

Gentlemen:

Aztec Oil & Gas Company applies herewith for an exception to Rule 303 (a) and respectfully requests administrative approval to permit commingling of liquid hydro-carbons produced by its dually completed Culpepper Martin Well No. 4 from the Blanco Mesaverde and Basin Dakota Pools. In support of this application, detailed data are stated and shown as follows:

- (1) Ownership of the various leasehold interests are identical in the Blanco Mesaverde and Basin Dakota Pools.
- (2) Blanco Mesaverde Pool liquid hydro-carbon gravity is 59° API valued at \$2.45 per barrel. Volume - 6.5 BOPD.
- (3) Basin Dakota Pool liquid hydro-carbon gravity is 61° API valued at \$2.41 per barrel. Volume - 10 BOPD.
- (4) Expected gravity of commingled liquid hydro-carbons is 60° API valued at \$2.43 per barrel. Volume - 16.5 BOPD
- (5) Actual commercial value of commingled liquid hydro-carbons with expected gravity of 60° API is slightly greater than the sum of the values of the production from Blanco Mesaverde and Basin Dakota Pools.
- (6) Attached to and made a part of this application is a plat showing location of the well and a schematic diagram of the proposed commingling facility.

New Mexico Oil Conservation Commission
December 6, 1966
Page 2

- (7) Volume of production attributable to each pool will be determined on the basis of liquid hydro-carbon - gas ratio tests that will be run annually.

Aztec Oil & Gas Company respectfully requests your timely consideration and Administrative approval of its application to commingle.

Very truly yours,

AZTEC OIL & GAS COMPANY

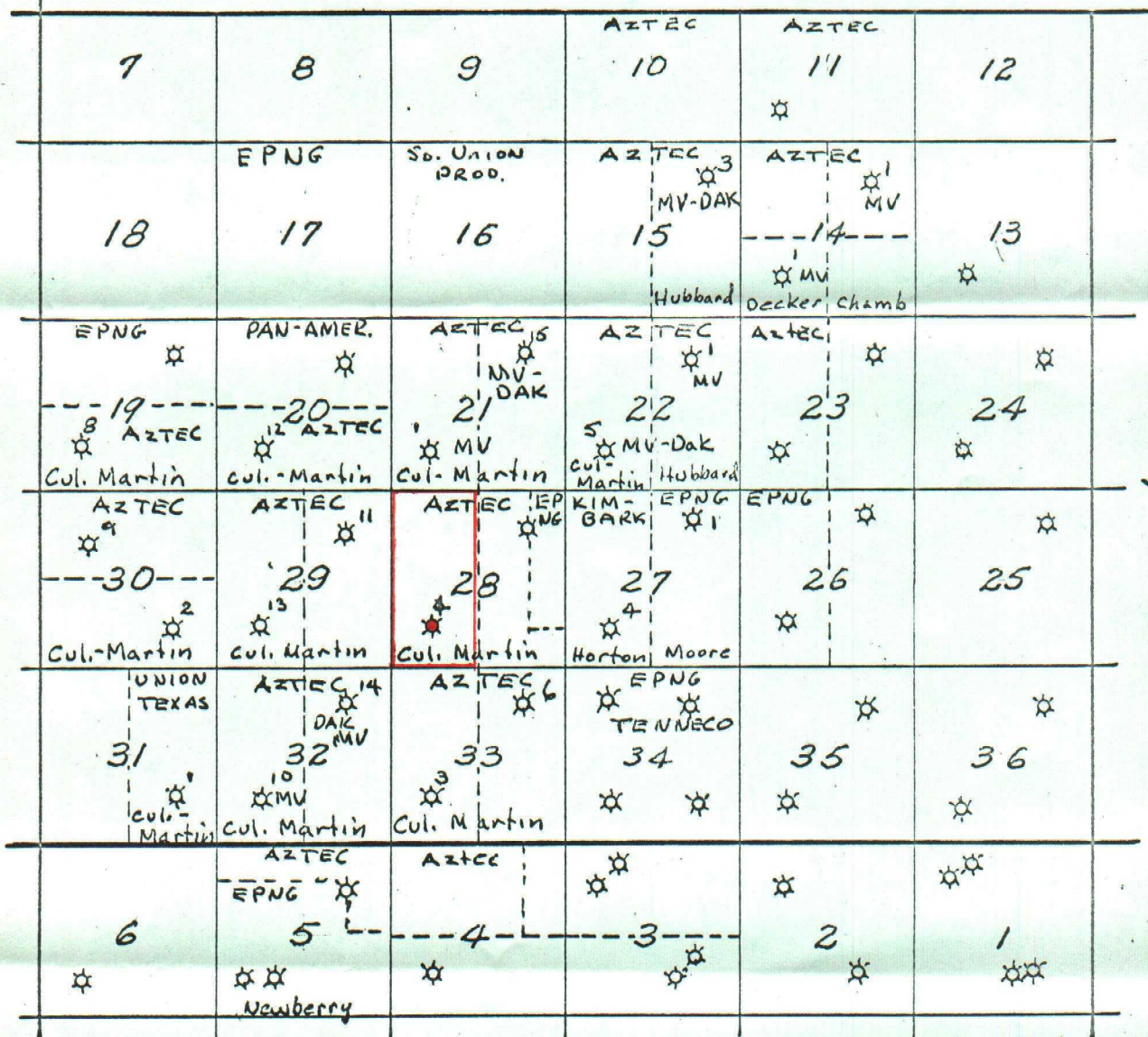
A handwritten signature in dark ink, appearing to read 'L. M. Stevens', with a long, sweeping horizontal stroke extending to the right.

L. M. Stevens

LMS:bjr

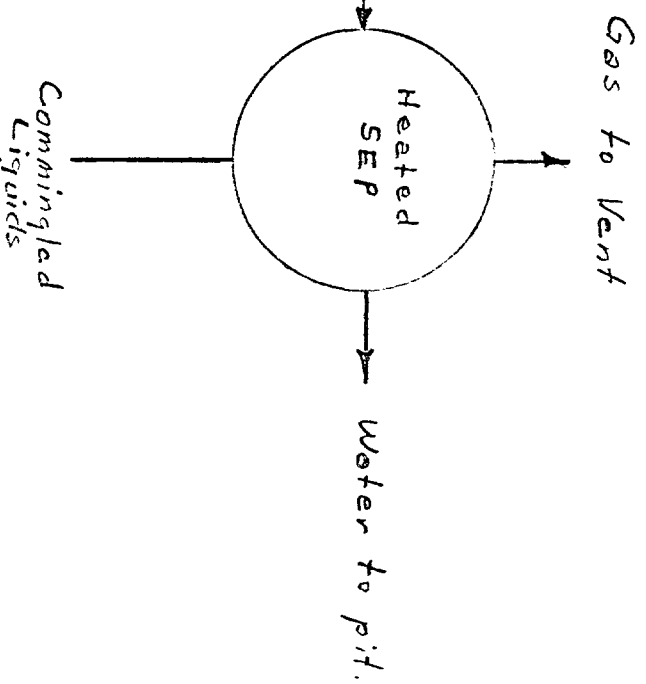
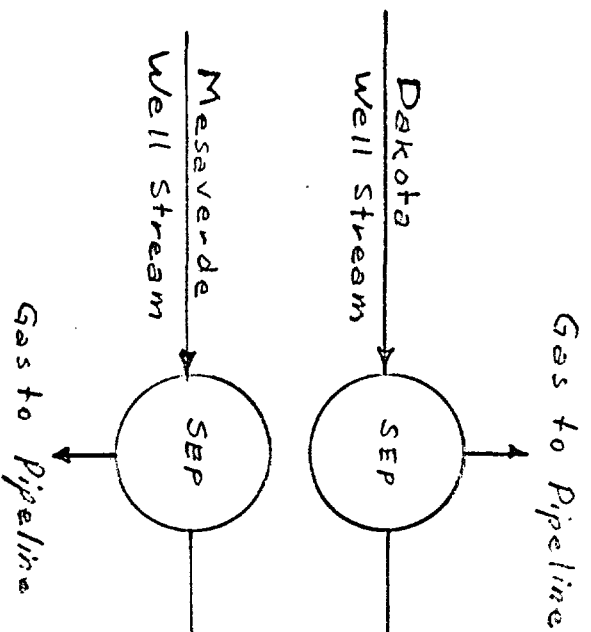
Attachments

R 12 W



T
32
N

Location Plat
Dual Completion Application
Aztec Oil & Gas Company
Culpepper Martin #4
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico



ST

Artec Oil & Gas Company
 Commingling Facility
 Dakota-Mesaverde Zone
 Culpepper Martin #4
 Unit N Sec. 28-32N-12W
 San Juan County, New Mexico

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

December 6, 1966

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

RE: Aztec Oil & Gas Company
Culpepper Martin Well No. 5
Located Unit N Section 22-32N-12W
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico

Gentlemen:

Aztec Oil & Gas Company applies herewith for an exception to Rule 303 (a) and respectfully requests Administrative approval to permit commingling of liquid hydro-carbons produced by its dually completed Culpepper Martin Well No. 5 from the Blanco Mesaverde and Basin Dakota Pools. In support of this application, detailed data are stated and shown as follows:

- (1) Ownership of the various leasehold interests are identical in the Blanco Mesaverde and Basin Dakota Pools.
- (2) Blanco Mesaverde Pool liquid hydro-carbon gravity is 60° API valued at \$2.43 per barrel. Volume - 9.6 BOPD.
- (3) Basin Dakota Pool liquid hydro-carbon gravity is 63° API valued at \$2.37 per barrel. Volume - 12.5 BOPD.
- (4) Expected gravity of commingled liquid hydro-carbons is 61° API valued at \$2.41 per barrel. Volume - 22.1 BOPD.
- (5) Actual commercial value of commingled liquid hydro-carbons with expected gravity of 61° API is slightly greater than the sum of the values of the production from the Blanco Mesaverde and Basin Dakota Pools.
- (6) Attached to and made a part of this application is a plat showing location of the well and a schematic diagram of the proposed commingling facility.

New Mexico Oil Conservation Commission
December 6, 1966
Page 2

- (7) Volume of production attributable to each pool will be determined on the basis of liquid hydro-carbon - gas ratio tests which will be run annually.

Aztec Oil & Gas Company respectfully requests your timely consideration and Administrative approval of its application to commingle.

Very truly yours,

AZTEC OIL & GAS COMPANY

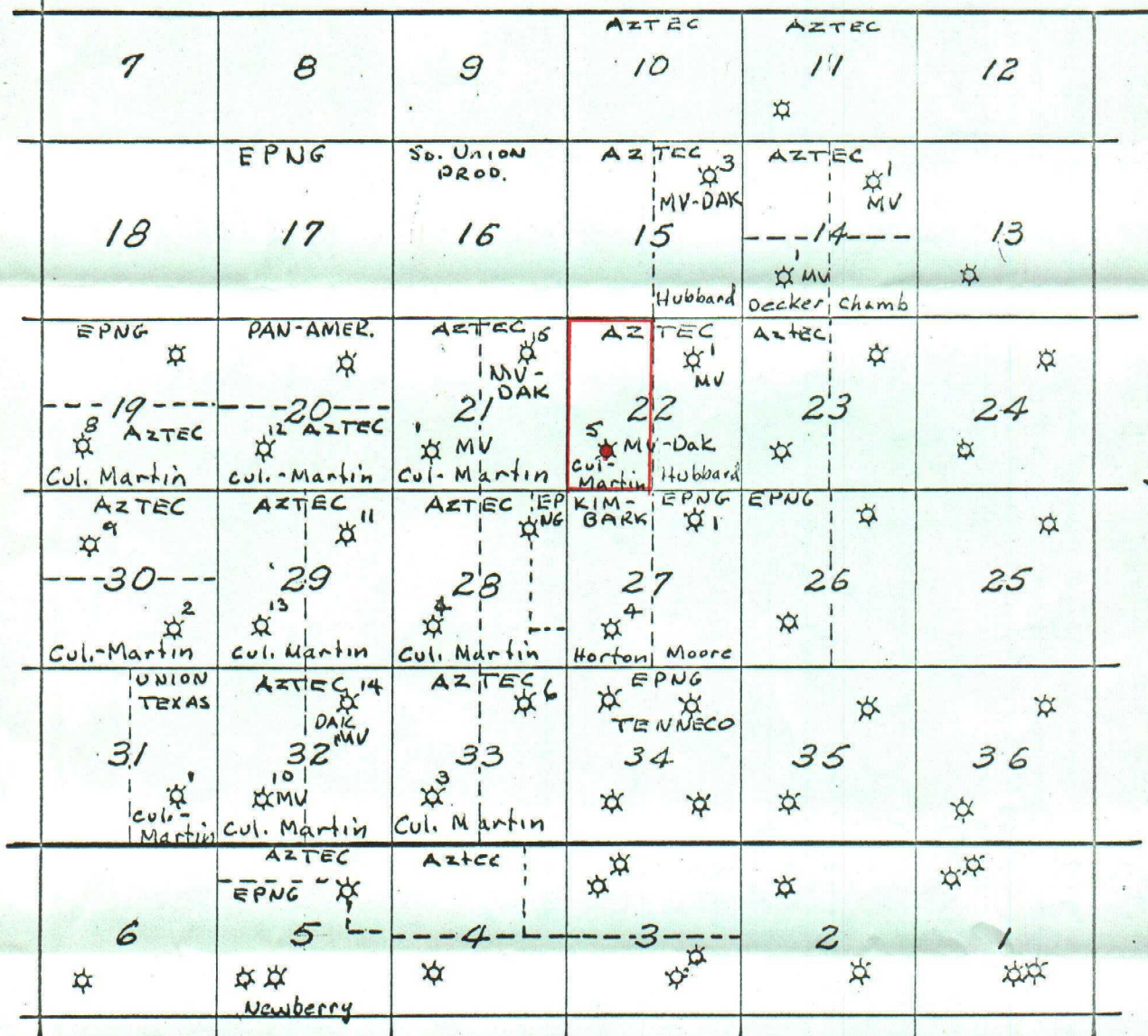
A handwritten signature in dark ink, appearing to read "L. M. Stevens", with a long, sweeping horizontal stroke at the end.

L. M. Stevens

LMS:bjr

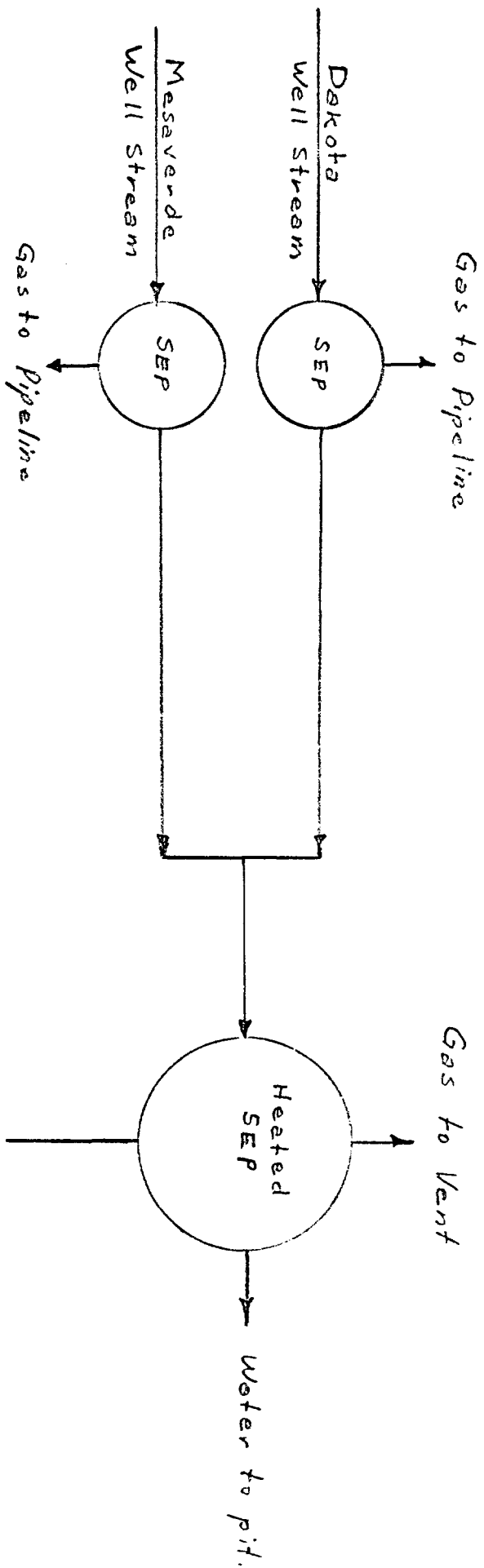
Attachments

R 12 W



T
32
N

Location Plat
Dual Completion Application
Aztec Oil & Gas Company
Culpepper Martin #5
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico



ST

Aztec Oil & Gas Company
 Commingling Facility
 Dakota-Mesavero 40000
 Culpeper Martin #5
 Unit N Sec. 22-32N-12W
 San Juan County, New Mexico

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

December 6, 1966

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

RE: Aztec Oil & Gas Company
Culpepper Martin Well No. 10
Located Unit N Section 32-32N-12W
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico

Gentlemen:

Aztec Oil & Gas Company applies herewith for an exception to Rule 303 (a) and respectfully requests Administrative approval to permit commingling of liquid hydro-carbons produced by its dually completed Culpepper Martin Well No. 10 from the Blanco Mesaverde and Basin Dakota Pools. In support of this application, detailed data are stated and shown as follows:

- (1) Ownership of the various leasehold interests are identical in the Blanco Mesaverde and Basin Dakota Pools.
- (2) Blanco Mesaverde Pool liquid hydro-carbon gravity is 62° API valued at \$2.39 per barrel. Volume - 8.7 BOPD.
- (3) Basin Dakota Pool liquid hydro-carbon gravity is 60° API valued at \$2.43 per barrel. Volume - 16.1 BOPD.
- (4) Expected gravity of commingled liquid hydro-carbons is 61° API valued at \$2.41 per barrel. Volume - 24.8 BOPD.
- (5) Actual commercial value of commingled liquid hydro-carbons with expected gravity of 61° API averages 0.57¢ per barrel less than the sum of the values of the production from Blanco Mesaverde and Basin Dakota Pools.
- (6) Attached to and made a part of this application is a plat showing location of the well and a schematic diagram of the proposed commingling facility.

New Mexico Oil Conservation Commission
December 6, 1966
Page 2

- (7) Volume of production attributable to each pool will be determined on the basis of liquid hydro-carbon - gas ratio tests which will be run annually.

Aztec Oil & Gas Company respectfully requests your timely consideration and Administrative approval of its application to commingle.

Very truly yours,

AZTEC OIL & GAS COMPANY

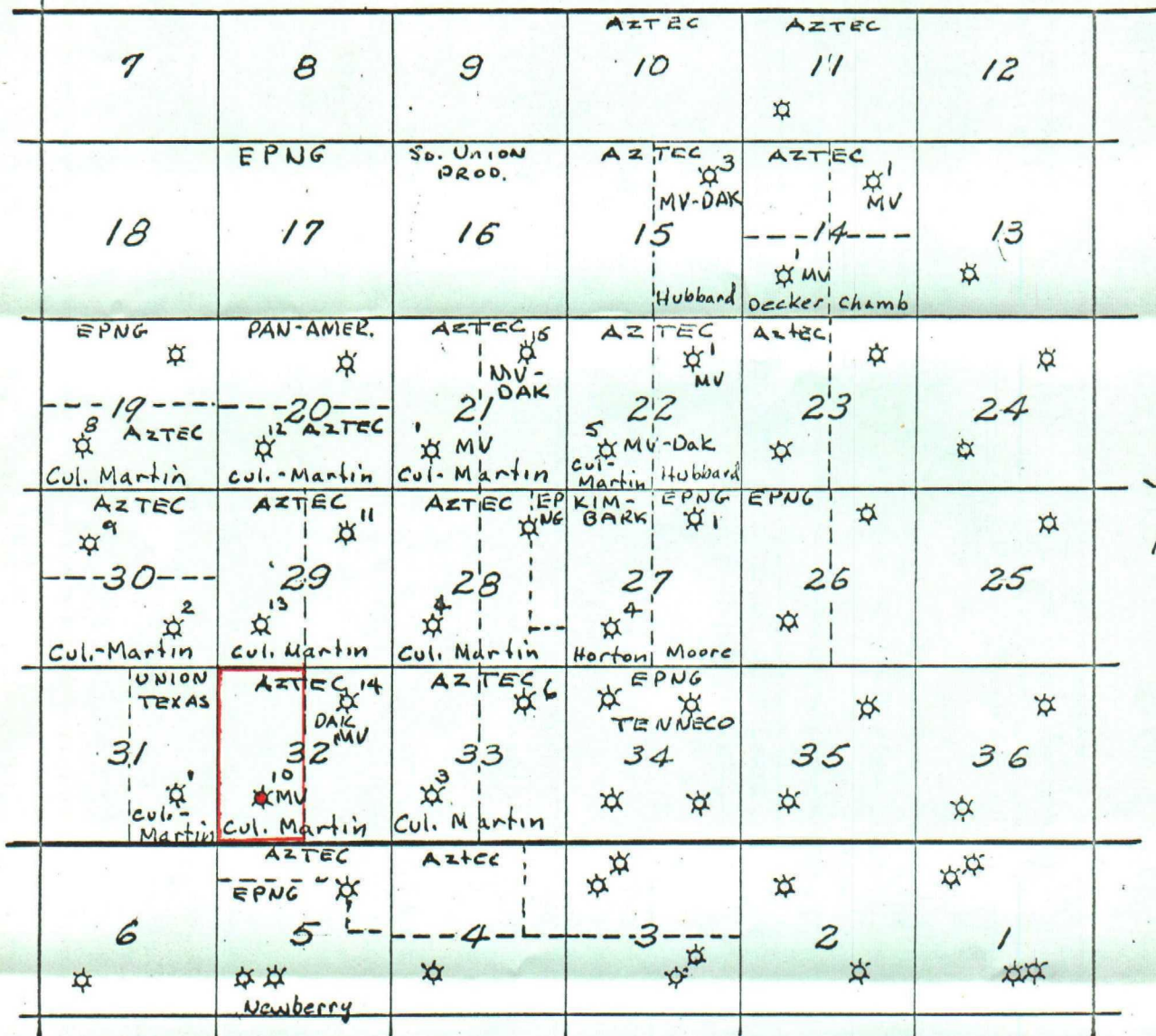
A handwritten signature in dark ink, appearing to read "L. M. Stevens", with a stylized, flowing script.

L. M. Stevens

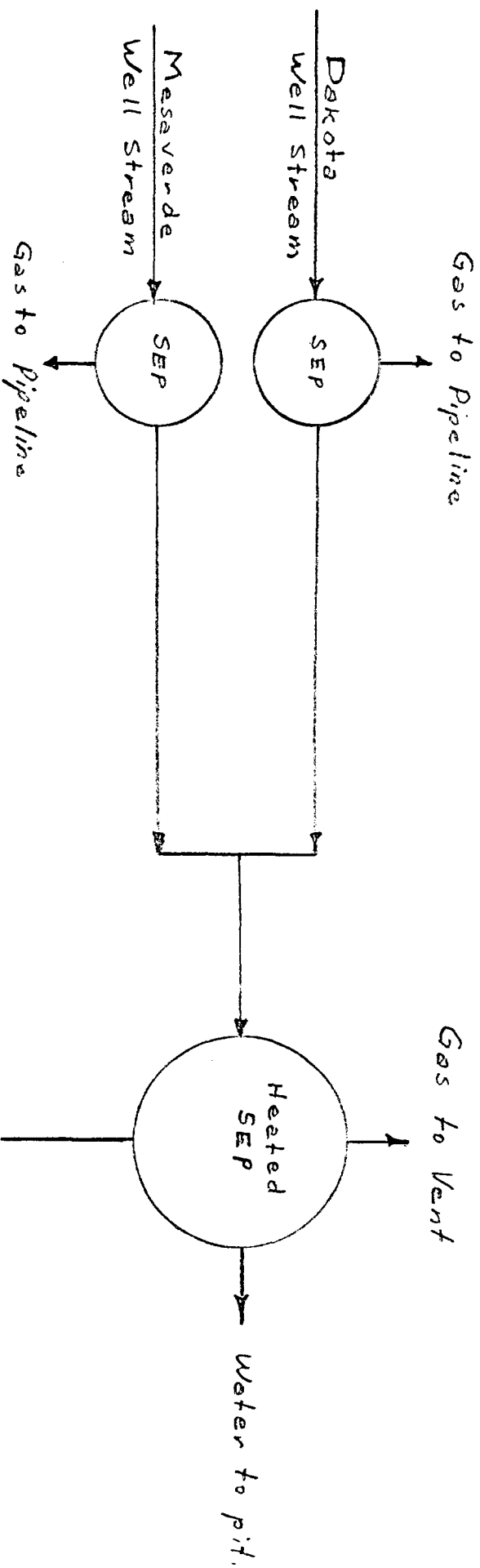
LMS:bjr

Attachments

R 12 W



Location Plat
Dual Completion Application
Aztec Oil & Gas Company
Culpepper Martin #10
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico



Artec Oil & Gas Company
 Commingling Facility
 Dakota-Mesaverde Zone
 Culpeper Martin #10
 Unit N Sec. 32-32N-12W
 San Juan County, New Mexico

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

October 25, 1966

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

66 OCT 31 PM 1 11

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

RE: Aztec Oil & Gas Company
Culpepper Martin Well No. 12
Located Unit N Sec. 20-32N-12W
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico

Gentlemen:

Aztec Oil & Gas Company applies herewith for an exception to Rule 303 (a) and respectfully requests administrative approval to permit commingling of liquid hydro-carbons produced by its dually completed Culpepper Martin Well No. 12 from the Blanco Mesaverde and Basin Dakota Pools. In support of this application, detailed data are stated and shown as follows:

- (1) Ownership of the various leasehold interests are identical in the Blanco Mesaverde and Basin Dakota Pools.
- (2) Blanco Mesaverde Pool liquid hydro-carbon gravity is 61° API valued at \$2.41 per barrel. Volume - 9.7 BOPD.
- (3) Basin Dakota Pool liquid hydro-carbon gravity is 64° API valued at \$2.35 per barrel. Volume - 20.8 BOPD.
- (4) Expected gravity of commingled liquid hydro-carbons is 63° API valued at \$2.37 per barrel. Volume - 30.5 BOPD.
- (5) Actual commercial value of commingled liquid hydro-carbons with expected gravity of 63° API is slightly greater than the sum of the values of the production from Blanco Mesaverde and Basin Dakota Pools.

New Mexico Oil Conservation Commission

October 25, 1966

Page 2

- (6) Attached to and made a part of this application is a plat showing location of the well and a schematic diagram of the proposed commingling facility.
- (7) Volume of production attributable to each pool will be determined on the basis of liquid hydro-carbon - gas ratio tests which will be run annually.

Aztec Oil & Gas Company respectfully requests timely consideration and Administrative approval of its application to commingle.

Very truly yours,

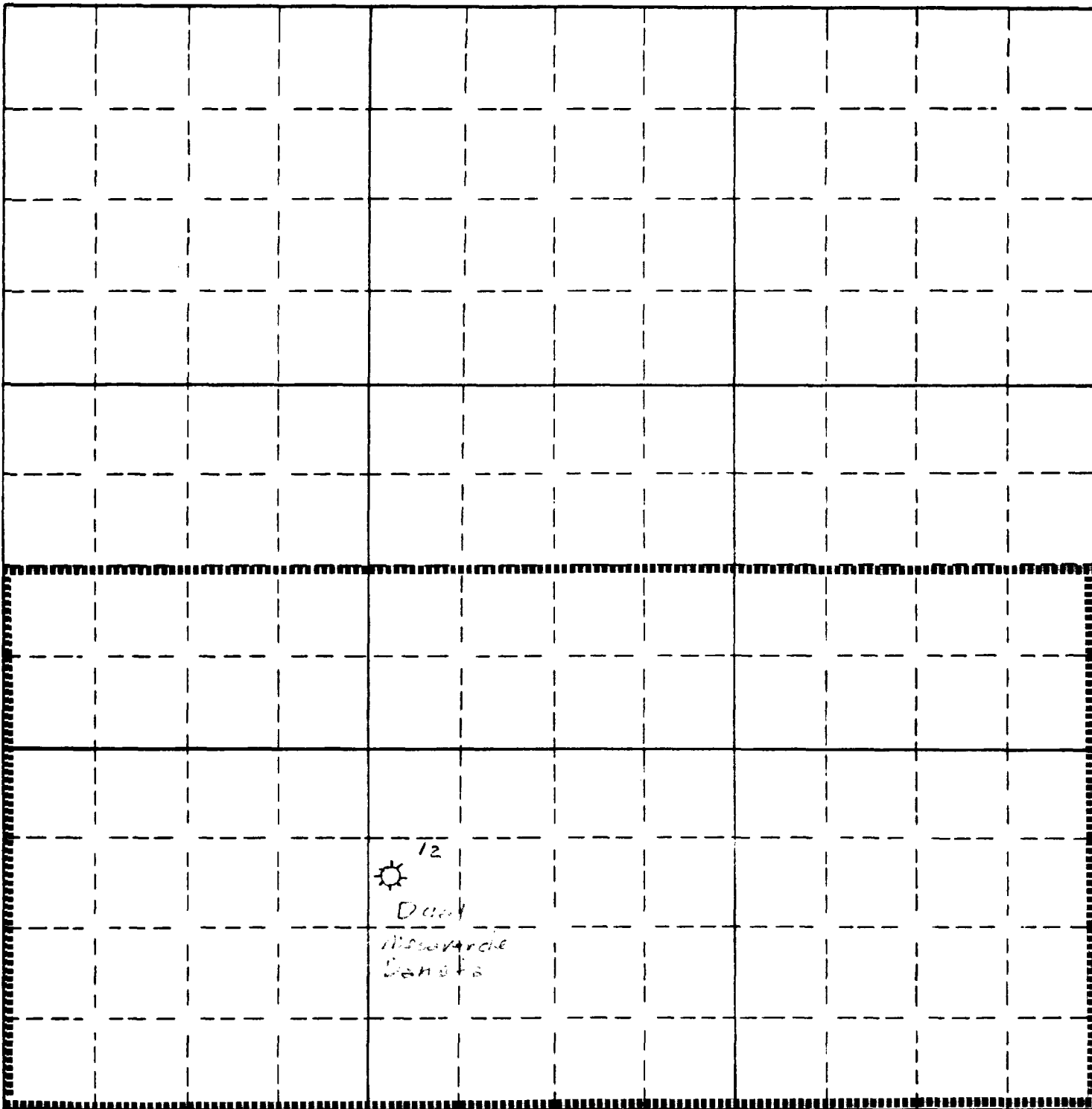
AZTEC OIL & GAS COMPANY



L. M. Stevens

IMS:bjr

Attachment



AZTEC

AZTEC OIL & GAS COMPANY

AREA

Culpepper Martin Lease

LOCATION

Section 20-32N-12W

TYPE OF MAP

Location Plat

CONTOURED

C1

By

Date

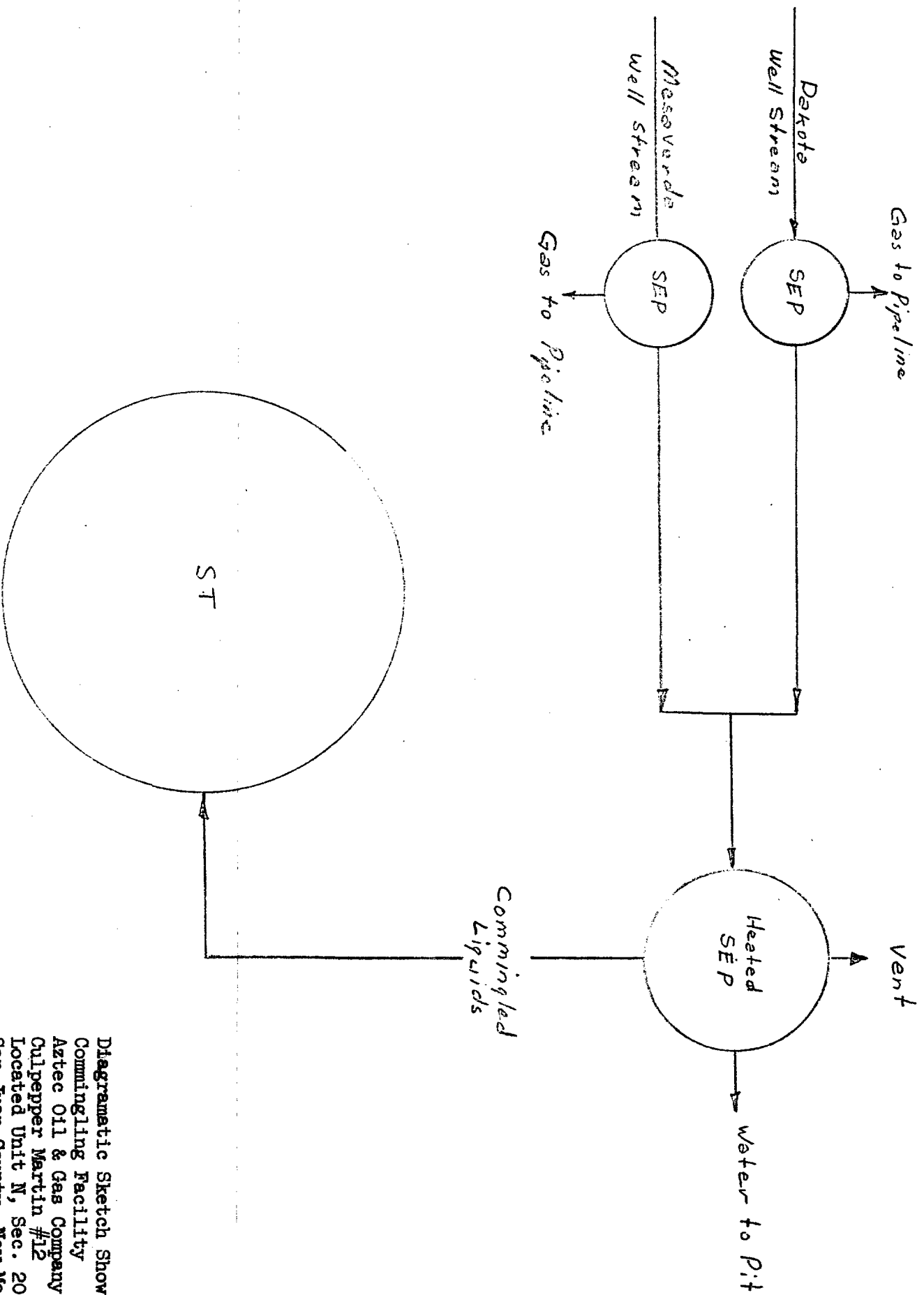
Revised By

Date

Reference

Date





Diagrammatic Sketch Showing
 Commingling Facility
 Aztec Oil & Gas Company
 Culpepper Martin #12
 Located Unit N, Sec. 20-32N-1
 San Juan County, New Mexico

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

October 25, 1966

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

RE: Aztec Oil & Gas Company
Culpepper Martin Well No. 13
Located Unit N Section 29-32N-12W
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico

Gentlemen:

Aztec Oil & Gas Company applies herewith for an exception to Rule 303 (a) and respectfully requests administrative approval to permit commingling of liquid hydro-carbons produced by its dually completed Culpepper Martin Well No. 13 from the Blanco Mesaverde and Basin Dakota Pools. In support of this application, detailed data are stated and shown as follows:

- (1) Ownership of the various leasehold interests are identical in the Blanco Mesaverde and Basin Dakota Pools.
- (2) Blanco Mesaverde Pool liquid hydro-carbon gravity is 62° API valued at \$2.39 per barrel. Volume - 8.7 BOPD.
- (3) Basin Dakota Pool liquid hydro-carbon gravity is 60° API valued at \$2.43 per barrel. Volume - 19.2 BOPD.
- (4) Expected gravity of commingled liquid hydro-carbons is 60° API valued at \$2.43 per barrel. Volume - 27.9 BOPD.
- (5) Actual commercial value of commingled liquid hydro-carbons with expected gravity of 60° API is slightly greater than the sum of the values of the production from Blanco Mesaverde and Basin Dakota Pools.
- (6) Attached to and made a part of this application is a plat showing location of the well and a schematic diagram of the proposed commingling facility.

New Mexico Oil Conservation Commission
October 25, 1966
Page 2

- (7) Volume of production attributable to each pool will be determined on the basis of liquid hydro-carbon - gas ratio tests which will be run annually.

Aztec Oil & Gas Company respectfully requests your timely consideration and Administrative approval of its application to commingle.

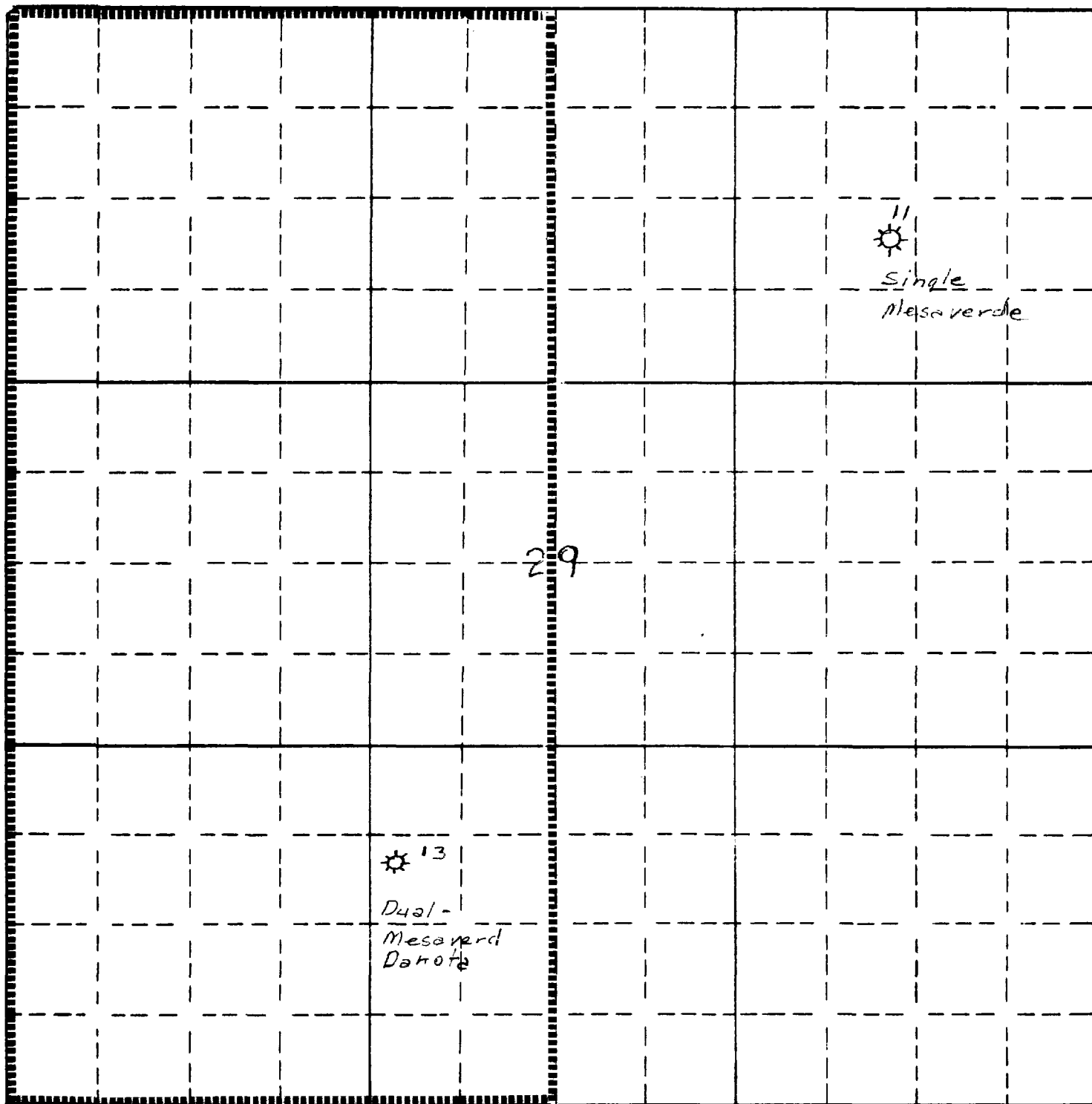
Very truly yours,

AZTEC OIL & GAS COMPANY


L. M. Stevens

LMS:bjr

Attachments



AZTEC

ILLEGIBLE

AZTEC OIL & GAS COMPANY

AREA

Culpepper Martin Lease

LOCATION

Section 29-T32N-R12W

TYPE OF MAP

Location Plat

CONTOURED

C.I

By

Date

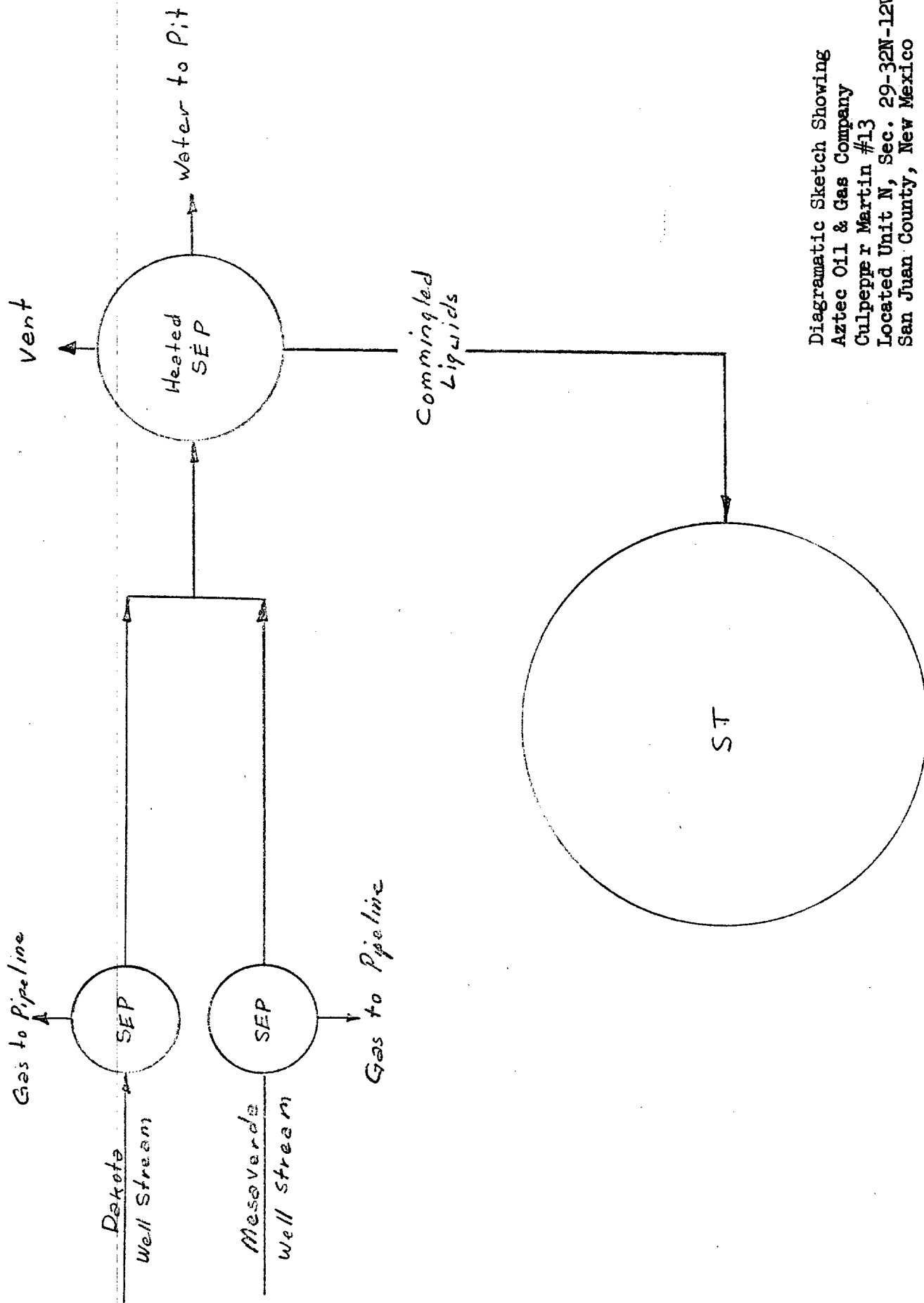
Revised By

Date

Reference

Date





Diagrammatic Sketch Showing
Aztec Oil & Gas Company
Culpeper Martin #13
Located Unit N, Sec. 29-32N-12W
San Juan County, New Mexico

SF 13
C/1

AZTEC OIL & GAS COMPANY

10

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

October 25, 1966

PRENTICE R. WATTS, JR.
GENERAL SUPERINTENDENT

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

RE: Aztec Oil & Gas Company
Largo Federal Well No. 1
Located Unit L Section 34-27N-8W
Blanco Mesaverde & Basin Dakota Pools
San Juan County, New Mexico

PC-313

Gentlemen:

Aztec Oil & Gas Company applies herewith for an exception to Rule 303 (a) and respectfully requests administrative approval to permit commingling of liquid hydro-carbons produced by its dually completed Largo Federal Well No. 1 from the Blanco Mesaverde and Basin Dakota Pools. In support of this application, detailed data are stated and shown as follows:

- (1) Ownership of the various leasehold interests are identical in the Blanco Mesaverde and Basin Dakota Pools.
 - (2) Blanco Mesaverde Pool liquid hydro-carbon gravity is 46° API valued at \$2.71 per barrel. Volume - 70 BOPD
 - (3) Basin Dakota Pool liquid hydro-carbon gravity is 60° API valued at \$2.43 per barrel. Volume - 40 BOPD.
 - (4) Expected gravity of commingled liquid hydro-carbons is 51° API valued at \$2.61 per barrel. Volume - 110 BOPD.
 - (5) Actual commercial value of commingled liquid hydro-carbons with expected gravity of 51° API is slightly greater than the sum of the values of the production from Blanco Mesaverde and Basin Dakota Pools.
 - (6) Attached to and made a part of this application is a plat showing location of the well and a schematic diagram of the proposed commingling facility.
- 10/26

New Mexico Oil Conservation Commission
October 25, 1966
Page 2

- (7) Volume of production attributable to each pool will be determined on the basis of liquid hydro-carbon - gas ratio tests which will be run annually.

Aztec Oil & Gas Company respectfully requests your timely consideration and Administrative approval of its application to commingle.

Very truly yours,

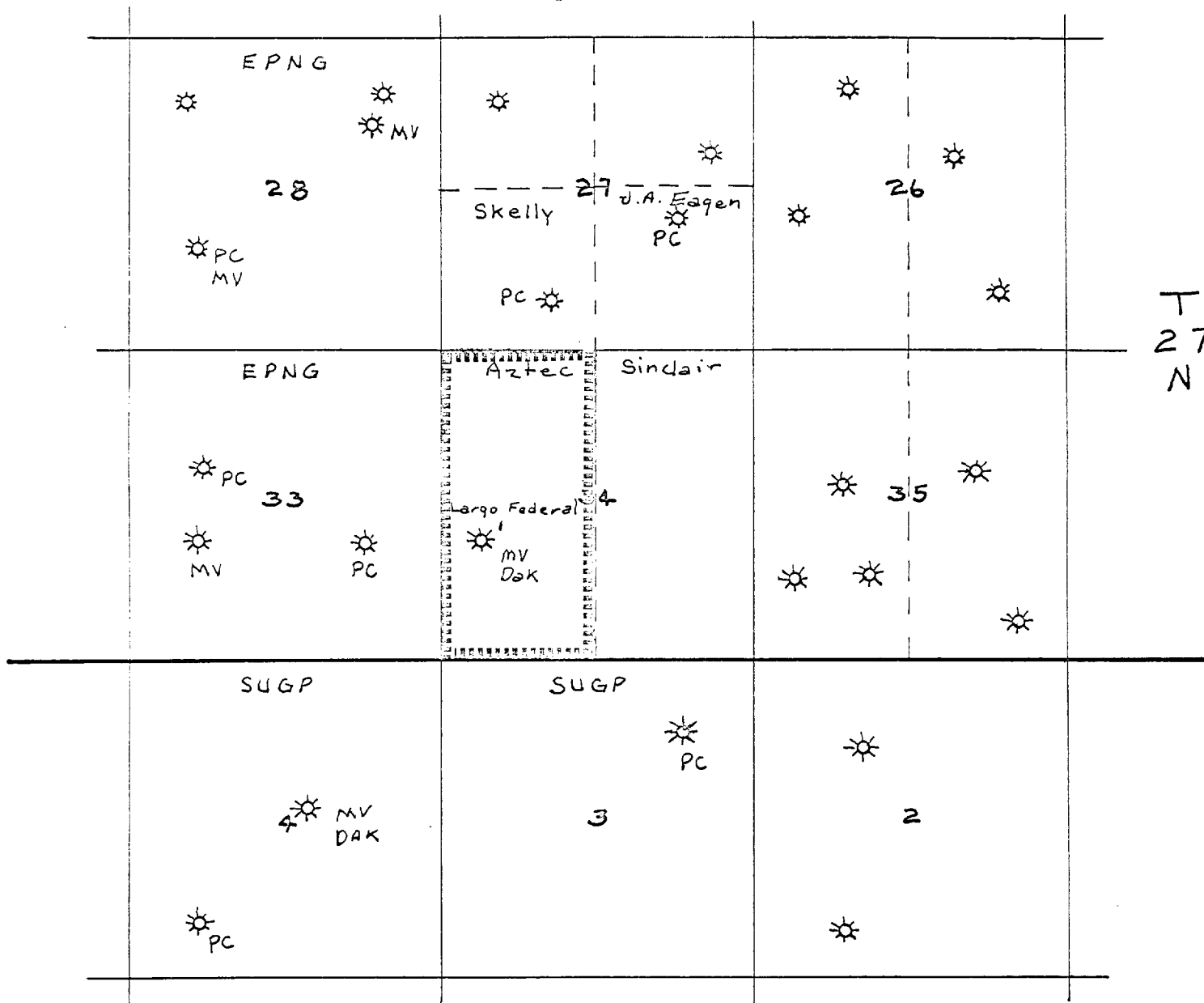
AZTEC OIL & GAS COMPANY


Prentice Watts

LMS:PW/bjr

Attachments

R 8 W



Location Plat

Application to Commingle

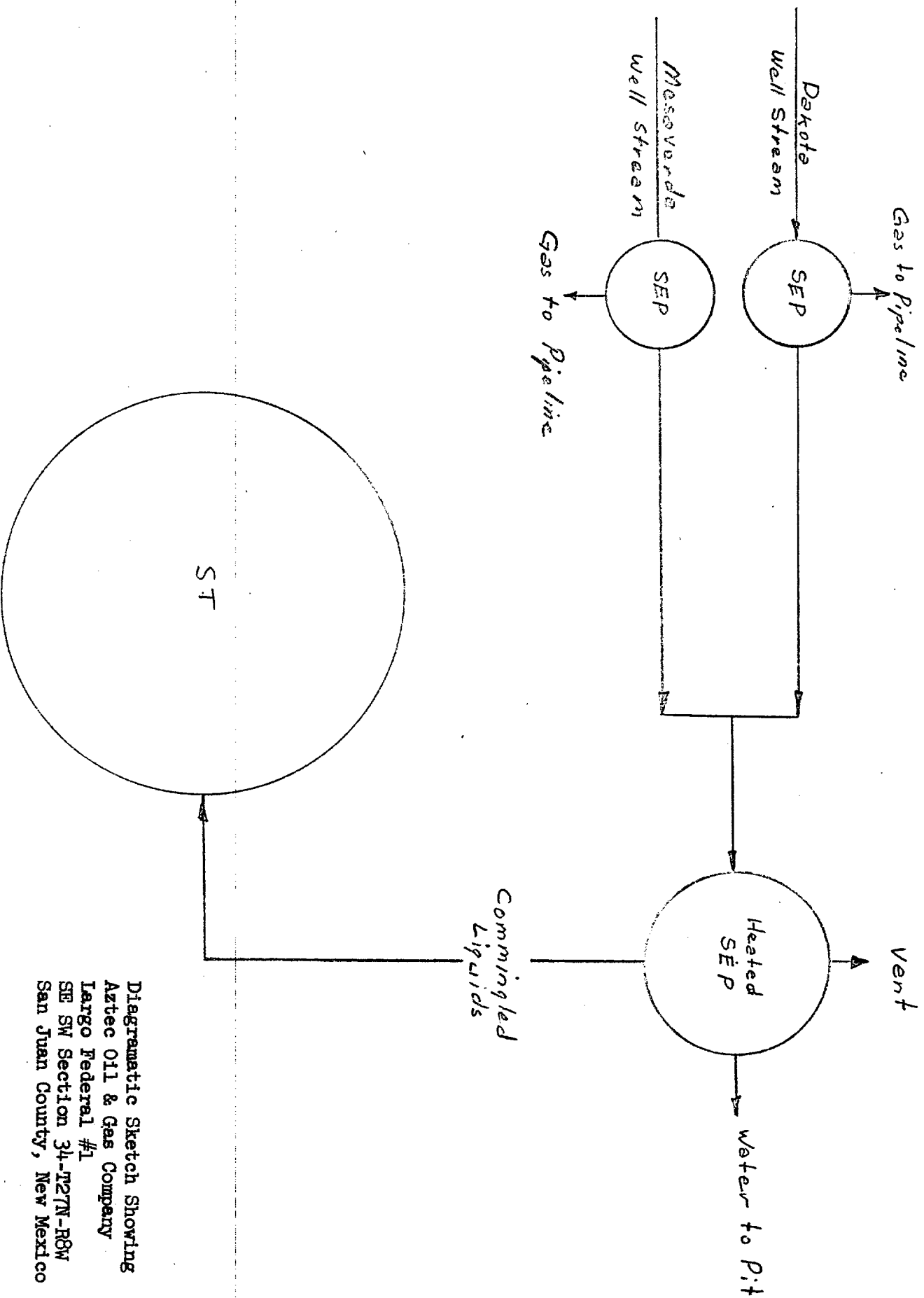
Aztec Oil & Gas Company

Largo Federal #1

SE SW Section 34-T27N-R8W

Blanco Mesaverde & Basin Dakota Pools

San Juan County, New Mexico



Diagrammatic Sketch Showing
 Aztec Oil & Gas Company
 Largo Federal #1
 SE SW Section 34-T27N-R8W
 San Juan County, New Mexico



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Docket 1357
Roswell, New Mexico

November 9, 1966

Arco Oil and Gas Company
1000 First National Bank Building,
Dallas, Texas 75202

Attention: Mr. L. M. Stevens

Gentlemen:

Your letter of October 26 with attachments, requests approval to commingle in common surface facilities liquid hydrocarbons produced from the Mesaverde and Dakota formations from your well No. 1 Largo Federal in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 34, T. 27 N., R. 3 W., San Juan County, New Mexico, on lease New Mexico 0558142. Allocation of liquid production to each formation will be on the basis of annual tests.

The method you propose for the surface commingling of Mesaverde and Dakota liquid hydrocarbons produced by well No. 1 Largo Federal is hereby approved, subject to like approval by the New Mexico Oil Conservation Commission. Form 9-361, Lessee's Monthly Report of Sales and Royalty, must show all computations used in allocating production to each formation. You are requested to notify our Farmington office when the installation has been completed.

Sincerely yours,

CARL C. ERICKSON
Acting Oil and Gas Supervisor

ILLEGIBLE

