

# PAN AMERICAN PETROLEUM CORPORATION

Post Office Box 68  
Hobbs, New Mexico 88240

February 27, 1969

File: VES-114-541.112 x 400

Subject: Application for Commingling of  
Production, Plains Unit Federal-  
Lusk Strawn Oil Pool, Plains  
Unit Federal-Wildcat Delaware  
Oil Pool, Lea County, New Mexico  
into Plains Unit Storage System

New Mexico Oil Conservation Commission (3)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

Pan American respectfully requests and submits this application for Administrative approval to commingle oil production on our Plains Unit Federal Lease from the Lusk-Strawn Oil Pool and the Wildcat Delaware Oil Pool.

SECTIONS 21, 28 and 33 of T-19-S, R-32-E, NMPM, Lea County, N.M.

## PLAINS UNIT FEDERAL LEASE

<u>WELL NO.</u>	<u>LOCATION</u>	<u>POOL</u>	<u>BOPD</u> <u>TEST</u>
2	SW/4 NW/4 Sec. 28	Lusk-Strawn-Oil	73
3Y	NW/4 SW/4 Sec. 28	" " "	13
4Y	SW/4 SW/4 Sec. 21	" " "	28
7	NW/4 NW/4 Sec. 33	Wildcat-Delaware-Oil	35

The Plains Unit Storage System is located in the SW/4 NW/4 of Section 28, T-19-S, R-32-E, NMPM, Lea County, New Mexico, a schematic of which is attached.

Production from each pool shall be metered and sampled separately, utilizing A. O. Smith Type T-6 temperature compensated meters. The installation and maintenance shall be in accordance with the NMOCC "Manual for the Installation and Operation of Commingling Facilities."

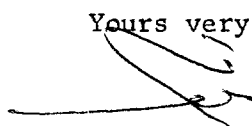
Any reduction in revenue from sale of production shall be minimal due to volumes of production and the proximity of gravities, 39.5° (\$3.14/bbl) and 43.4° (\$3.16/bbl) from the Delaware and Strawn, respectively.

Plains Unit Well No. 7 was recently recompleted from the Lusk Strawn to the Delaware. A plat, depicting the wells involved, is attached.

-2-

By certified mail, copies of this application are being furnished to all royalty and/or working interest owners.

Yours very truly,

A handwritten signature in dark ink, appearing to be 'V. E. Staley', written over the closing 'Yours very truly,'.

V. E. Staley  
Area Superintendent

RRY/jt

A hand-drawn map on a grid showing a military unit's position. The grid is labeled with numbers 8-12, 13-17, 20-24, 26-29, 32-36. A dashed line outlines a perimeter. Inside, a shaded area is labeled 'PLAINS UNIT SS' with 'NM-0175774' and 'STRAND' with 'NM 0175774'. Another shaded area is labeled 'DELAWARE' with 'NM-01135'. Various symbols like stars, circles, and diamonds are used to mark specific locations.

PAN AMERICAN PETROLEUM CORPORATION  
PLAINS UNIT FEDERAL  
LUSK-STRAWN-OIL  
WILDCAT-DELAWARE-OIL  
PLAINS UNIT STORAGE SYSTEM  
LEA Co. N. M.



MAILING LIST

U.S.G.S. (2)  
P. O. Drawer 1857  
Roswell, New Mexico 88201

Richardson Oil, Inc.  
12th Floor  
Fort Worth National Bank Building  
Fort Worth, Texas 76102

Perry R. Bass  
12th Floor  
Fort Worth National Bank Building  
Fort Worth, Texas 76102

Delbasin  
12th Floor  
Fort Worth National Bank Building  
Fort Worth, Texas 76102

Kwell H. Muse, Jr. and Mary T. Muse  
Suite 413, Parry Brooks Building  
Austin, Texas 78700

Featherstone Farms Ltd.  
239 Petroleum Building  
Roswell, New Mexico 88201

Tenneco Oil Company  
P. O. Box 2511  
Houston, Texas 77000

Higgins Trust, Inc.  
c/o W. Sam Edwards  
691 Mountain View Circle, N.W.  
Gainesville, Georgia 30501

Alex J. Diepenbrock  
909 Fair Oaks Avenue  
South Pasadena, California 91030

Luis E. Kemmitzer  
1717 Lasuen Road  
Santa Barbara, California 93103

James G. Creed  
4503 Atoll Avenue  
Sherman Oaks, California

William S. McBurnie  
1831 Truxton Avenue  
Bakersfield, California

Hazel D. Boellner  
P. O. Box 732  
Ruidoso, New Mexico 88345

Betty Arden Boellner Jones  
4508 Bob-o-link Way  
El Paso, Texas 79900

Lois Jeanne Boellner Fry  
2505 North Washington Avenue  
Roswell, New Mexico 88201

New Mexico Oil Conservation Commission  
P. O. Box 127  
Hobbs, New Mexico 88240

Pan American Petroleum Corporation

P. O. Box 68

Hobbs, New Mexico 88240

NOV 13 1969

November 11, 1969

Mr. Dan Nutter  
New Mexico Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico

Pursuant to your telephone call 11-10-69, to Mr. Ed Snook of this office regarding commingling of production on the Plains Unit, the following is furnished per your request. The Lusk Delaware does not have a test separator. We presently have wells No. 7 and 9 completed in the Delaware. One of the wells is shut-in when a well test is conducted.

If further information is needed, please let us know.

Yours very truly,

*V. E. Staley*  
V. E. Staley  
Area Superintendent

EDR/bsh

187

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

1. *Chlorophyll a* (Chl *a*)  
 2. *Chlorophyll b* (Chl *b*)  
 3. *Chlorophyll c* (Chl *c*)  
 4. *Chlorophyll d* (Chl *d*)  
 5. *Chlorophyll e* (Chl *e*)  
 6. *Chlorophyll f* (Chl *f*)  
 7. *Chlorophyll g* (Chl *g*)  
 8. *Chlorophyll h* (Chl *h*)  
 9. *Chlorophyll i* (Chl *i*)  
 10. *Chlorophyll j* (Chl *j*)  
 11. *Chlorophyll k* (Chl *k*)  
 12. *Chlorophyll l* (Chl *l*)  
 13. *Chlorophyll m* (Chl *m*)  
 14. *Chlorophyll n* (Chl *n*)  
 15. *Chlorophyll o* (Chl *o*)  
 16. *Chlorophyll p* (Chl *p*)  
 17. *Chlorophyll q* (Chl *q*)  
 18. *Chlorophyll r* (Chl *r*)  
 19. *Chlorophyll s* (Chl *s*)  
 20. *Chlorophyll t* (Chl *t*)  
 21. *Chlorophyll u* (Chl *u*)  
 22. *Chlorophyll v* (Chl *v*)  
 23. *Chlorophyll w* (Chl *w*)  
 24. *Chlorophyll x* (Chl *x*)  
 25. *Chlorophyll y* (Chl *y*)  
 26. *Chlorophyll z* (Chl *z*)  
 27. *Chlorophyll aa* (Chl *aa*)  
 28. *Chlorophyll ab* (Chl *ab*)  
 29. *Chlorophyll ac* (Chl *ac*)  
 30. *Chlorophyll ad* (Chl *ad*)  
 31. *Chlorophyll ae* (Chl *ae*)  
 32. *Chlorophyll af* (Chl *af*)  
 33. *Chlorophyll ag* (Chl *ag*)  
 34. *Chlorophyll ah* (Chl *ah*)  
 35. *Chlorophyll ai* (Chl *ai*)  
 36. *Chlorophyll aj* (Chl *aj*)  
 37. *Chlorophyll ak* (Chl *ak*)  
 38. *Chlorophyll al* (Chl *al*)  
 39. *Chlorophyll am* (Chl *am*)  
 40. *Chlorophyll an* (Chl *an*)  
 41. *Chlorophyll ao* (Chl *ao*)  
 42. *Chlorophyll ap* (Chl *ap*)  
 43. *Chlorophyll aq* (Chl *aq*)  
 44. *Chlorophyll ar* (Chl *ar*)  
 45. *Chlorophyll as* (Chl *as*)  
 46. *Chlorophyll at* (Chl *at*)  
 47. *Chlorophyll au* (Chl *au*)  
 48. *Chlorophyll av* (Chl *av*)  
 49. *Chlorophyll aw* (Chl *aw*)  
 50. *Chlorophyll ax* (Chl *ax*)  
 51. *Chlorophyll ay* (Chl *ay*)  
 52. *Chlorophyll az* (Chl *az*)  
 53. *Chlorophyll aza* (Chl *aza*)  
 54. *Chlorophyll abz* (Chl *abz*)  
 55. *Chlorophyll acz* (Chl *acz*)  
 56. *Chlorophyll adz* (Chl *adz*)  
 57. *Chlorophyll aez* (Chl *aez*)  
 58. *Chlorophyll afz* (Chl *afz*)  
 59. *Chlorophyll agz* (Chl *agz*)  
 60. *Chlorophyll ahz* (Chl *ahz*)  
 61. *Chlorophyll aiz* (Chl *aiz*)  
 62. *Chlorophyll ajz* (Chl *ajz*)  
 63. *Chlorophyll akz* (Chl *akz*)  
 64. *Chlorophyll alz* (Chl *alz*)  
 65. *Chlorophyll amz* (Chl *amz*)  
 66. *Chlorophyll anz* (Chl *anz*)  
 67. *Chlorophyll aoz* (Chl *aoz*)  
 68. *Chlorophyll apz* (Chl *apz*)  
 69. *Chlorophyll aqz* (Chl *aqz*)  
 70. *Chlorophyll arz* (Chl *arz*)  
 71. *Chlorophyll asz* (Chl *asz*)  
 72. *Chlorophyll atz* (Chl *atz*)  
 73. *Chlorophyll auz* (Chl *auz*)  
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 78. *Chlorophyll ayz* (Chl *ayz*)  
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 80. *Chlorophyll azaa* (Chl *aza*)  
 81. *Chlorophyll abz* (Chl *abz*)  
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 104. *Chlorophyll ayz* (Chl *ayz*)  
 105. *Chlorophyll ayz* (Chl *ayz*)  
 106. *Chlorophyll azz* (Chl *azz*)  
 107. *Chlorophyll azaa* (Chl *aza*)  
 108. *Chlorophyll abz* (Chl *abz*)  
 109. *Chlorophyll acz* (Chl *acz*)  
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 117. *Chlorophyll akz* (Chl *akz*)  
 118. *Chlorophyll alz* (Chl *alz*)  
 119. *Chlorophyll amz* (Chl *amz*)  
 120. *Chlorophyll anz* (Chl *anz*)  
 121. *Chlorophyll aoz* (Chl *aoz*)  
 122. *Chlorophyll apz* (Chl *apz*)  
 123. *Chlorophyll aqz* (Chl *aqz*)  
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 125. *Chlorophyll asz* (Chl *asz*)  
 126. *Chlorophyll atz* (Chl *atz*)  
 127. *Chlorophyll auz* (Chl *auz*)  
 128. *Chlorophyll avz* (Chl *avz*)  
 129. *Chlorophyll awz* (Chl *awz*)  
 130. *Chlorophyll axz* (Chl *axz*)  
 131. *Chlorophyll ayz* (Chl *ayz*)  
 132. *Chlorophyll ayz* (Chl *ayz*)  
 133.



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY PAN AMERICAN

Drawer 1857

Roswell, New Mexico 88201

RECEIVED

PAN AMERICAN  
PETROLEUM CORP.

MAR 17 1969

HOBBS, N. M.

March 12, 1969

AS	
AC	
AE	
AF1	
AF2	
AAC	
FILE	

Pan American Petroleum Corporation  
P. O. Box 68  
Hobbs, New Mexico

Attention: Mr. V. E. Staley

Gentlemen:

Your letter of February 28, 1969, requests approval to commingle production from the Lusk Strawn oil pool and the undesignated Delaware oil pool into the Plains unit storage system.

The method of measuring and handling the oil production from the wells, as outlined in your letter and described in your application to the New Mexico Oil Conservation Commission, is hereby approved. Any changes in the system must receive prior approval from this office. Your Lessee's Monthly Report of Sales and Royalty, form 9-361, should show all computations used in allocating production.

You are requested to notify our Hobbs office when the installation is 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

NOV 18 1969

COPY to NMOC  
on 7/17/69

392-1061

USGS Hobbs  
notified  
7/17/69  
RBY - AR Brown