



PHILLIPS PETROLEUM COMPANY

Exploration & Production Department

P. O. Box 2130  
Hobbs, New Mexico

January 9, 1964

In re: Request for Administrative Approval for an Exception to NMOCC  
Rule 303 - Phillips Petroleum Company Santa Fe Lease, Vacuum Abo,  
Vacuum Penn. and Vacuum Wolfcamp Pools, Lea County, New Mexico

New Mexico Oil Conservation Commission (3)  
State of New Mexico  
P. O. Box 871  
Santa Fe, New Mexico

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

Gentlemen:

Phillips Petroleum Company herewith makes application for an exception to New Mexico Oil Conservation Commission Rule No. 303 and requests administrative approval to commingle production from three zones in Santa Fe Well No. 87. Well No. 87 is presently being drilled and it is anticipated that the well will be completed in the Vacuum Abo, Vacuum Penn. and Vacuum Wolfcamp Pools.

The subject well is located in the NW/4, SW/4 of Section 31, T17S, R35E, Lea County, New Mexico.

In further support of this application, Phillips Petroleum Company states the following:

1. The gravity of the oil from the Vacuum Abo, Vacuum Penn. and Vacuum Wolfcamp is  $38^{\circ}$ ,  $41.4^{\circ}$  and  $41.2^{\circ}$  respectively. The gravity of the commingled stream will be  $40.2^{\circ}$  API. The value of the commingled stream will be equal to or greater than the values of the separate streams.
2. The royalty of the subject well is dedicated to the State of New Mexico, Common Schools.
3. Phillips Petroleum Company is the sole working interest owner of the well.
4. All three zones are expected to be capable of making top allowable. It is proposed to meter the Abo and Penn. production and obtain the Wolfcamp production by the subtraction method. The allowable production

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from each zone is as follows: Abo - 187 BOPD, Penn - 222 BOPD and Wolfcamp - 187 BOPD.

5. Adequate facilities will be provided for individual pool testing.  
(See attached sketch.)
6. The New Mexico State Land Commissioner has approved this request as per the attached letter.
7. No other wells will be produced into the battery.
8. This installation will be operated in accordance with NMOCC "Manual for the Installation and Operation of Commingling Facilities."

A plat is attached showing the well and tank battery.

Very truly yours,



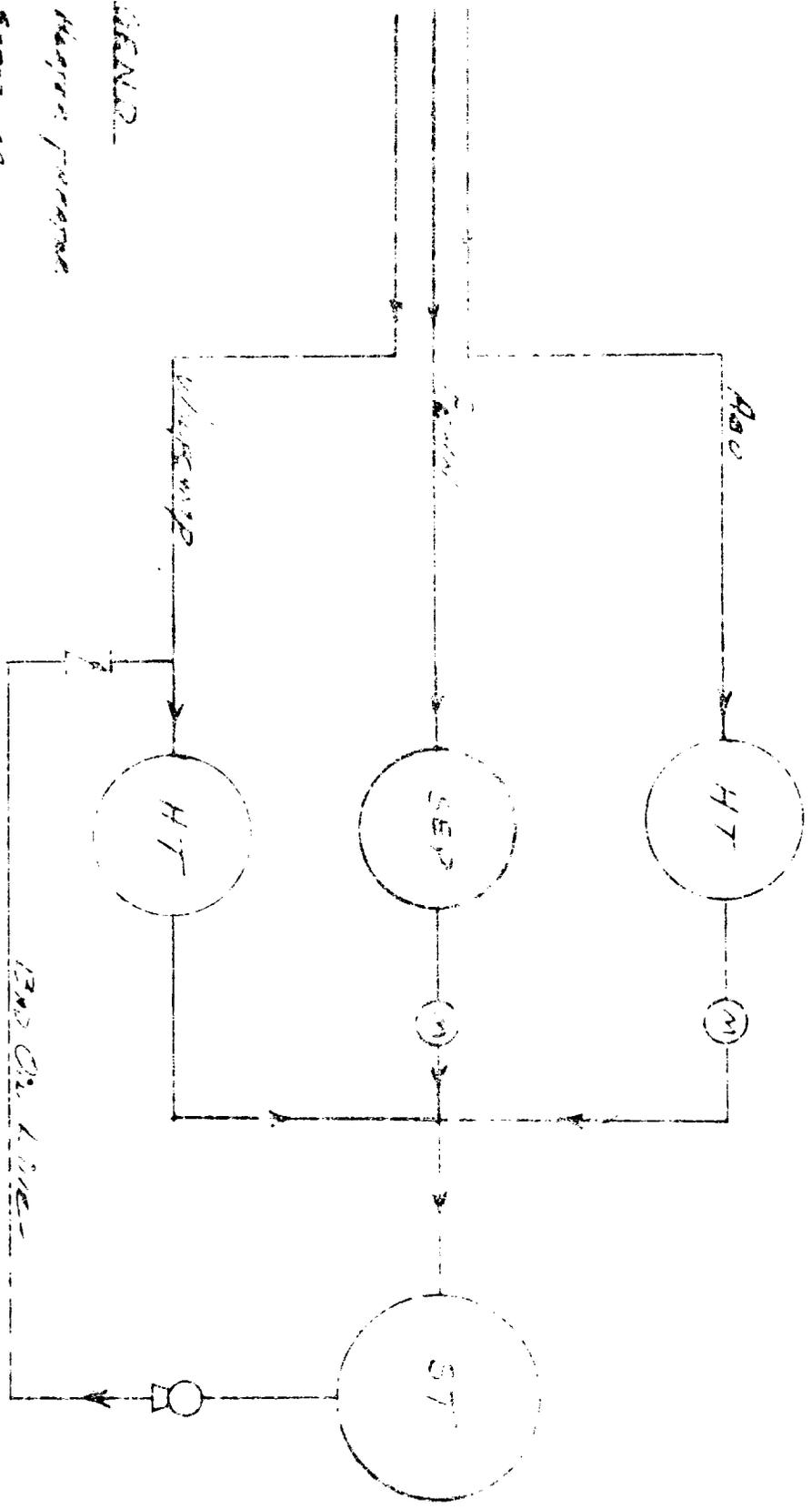
W. C. Rodgers  
Area Superintendent  
Production Division

WSG:wma  
Attach.  
cc: New Mexico Oil Conservation Commission  
Hobbs, New Mexico  
Attach.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

LEGEND

- (HT) Heavy pump
- (SEP) Separator
- (ST) Stock Tank
- (M) Motor
- (P) Pump



NOTE METERS WILL BE PROVIDED MONTHLY BY TERTIARY W/IN STOCK TANK

PHILLIPS PETROLEUM CO.

Proposed Battery Installation

LEA COUNTY, New Mexico

# THE UNIVERSITY OF CHICAGO

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

# State of New Mexico



## Commissioner of Public Lands

E. S. JOHNNY WALKER  
COMMISSIONER



P. O. BOX 791  
SANTA FE, NEW MEXICO

January 7, 1964

Phillips Petroleum Company  
Exploration and Production Department  
P. O. box 2130  
Hobbs, New Mexico

ATTENTION: Mr. W. C. Rodgers

RE: Request to commingle production from the  
Vacuna Abo, Wolfcamp, and Penn. Pools, Santa  
Fe Lease, located NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 31-17S-25E,  
Lea County, New Mexico

Gentleman:

We have no objections to the above request since  
the State stands to gain in royalty by commingling  
and since ownership is common throughout. This,  
of course, is subject to approval by the Oil Con-  
servation Commission.

Thank you for the plat and other pertinent data.

Very truly yours,

E. S. JOHNNY WALKER  
COMMISSIONER OF PUBLIC LANDS

BY: *Ronulo Martinez*  
RONULO MARTINEZ  
Oil and Gas Department

ESJW/RM/po

CC: Oil Conservation Commission  
Oil and Gas Accounting Commission