

Southwestern Region 1111 W. Loop 289 P.O. Box 16200 Lubbock, Texas 79490 806/793-8181

Oil and Gas Producers

October 25, 1982



Secretary-Director New Mexico Oil Conservation Commission State Land Office Building Santa Fe, New Mexico 87501

Dear Sir:

Petro-Lewis Corporation respectfully requests a Division hearing for the triple downhole commingling of the Art Yeager #1. The original downhole commingling application could not be administratively approved, and was therefore returned informing Petro-Lewis Corporation of the need for a Division hearing. The original application is attached to provide the NMOCC with the necessary information to prepare for the hearing. I can be contacted at  $(806)\ 793-7573$  for any additional information.

Sincerely,

Steven M. King Petroleum Engineer

SMK/tm

Attachments

BEFORE EXAMINER STAMETS	
OIL CONSERVATION DIVISION	
EXHIBIT NO.	
CASE NO	
Submitted by Amo	
Hearing Date Nov 23	

PETRO LEWIS CORPORATION

Southwestern Region 1111 W. Loop 289 P.O. Box 16200 Lubbock, Texas 79490 806/793-8181

Oil and Gas Producers

September 28, 1982



Secretary - Director NMOCC State Land Office Building Santa Fe, New Mexico 87501

Dear Sir:

In accordance with statewide RULE 303-C, I am submitting the following in application for a downhole commingling permit:

- a. Petro-Lewis Corporation
  P. O. Box 16200
  1111 West Loop 289
  Lubbock, Texas 79490
- b. Art Yeager Lease
  Well #1
  Section 25, T21S, R37E
  1980' FSL and FEL

Pools to be commingled:

Abo Drinkard Blinebry

- c. Plat is attached.
- d. A current 24-hour productivity test of the Blinebry is attached.

The 24-hour productivity test of the Abo and Drinkard is the last test conducted before the Blinebry recompletion. The Abo and Drinkard have not produced since the recompletion.

e. Production decline curves of the Abo and Drinkard formations are attached. Actual production from the Blinebry is attached. The Blinebry has not been producing one full year so the following data is included to dispense with the one year requirement.

### Blinebry:

35 perfs from 5812' - 6145', acidized with 2500 gal 15% DS-30 acid. Fractured with 46,000 gal crosslinked gel and 71,500# sand (20-40 mesh)

Tested - 6/16/82 for 24 hours on 2" choke, 24 BO, 50 MCF, 83 BW, 1136 GOR, 30 psi tbg pressure, 38.4° API

Tested - 7/25/82 for 24 hours on 2" choke, 20 BO, 44 MCF, 37 BW, 2200 GOR, 35 psi tbg pressure, 38.4° API

The Blinebry was first produced on 6/9/82 with a 2" x 1 1/4" x 16' pump

f. Abo and Drinkard (from 24 hour test): 235 + 24 = 259 psi

Blinebry: 
$$38.4^{\circ} \text{ API} = .784 \text{ SG}$$
  
 $(6) (.784) + (7) (1.0) = .9003 \text{ SG}$ 

(6145-5806)(.9003)(62.4/144) + 28 = 160 psi

Abo and Drinkard - 259 psi Blinebry - 160 psi

g. Abo - Sweet Crude
Drinkard - Sweet Crude
Blinebry - Sweet Crude

The fluid of each of the three zones show no characteristics of being incompatible in the wellbore.

h. The value of the crude will not be reduced. These same zones are commingled downhole on Petro-Lewis' Gulf Sarkeys and Royalty Holdings lease.

Abo and Drinkard - 39.0° API Blinebry - 38.4° API

i. Abo and Drinkard production - 5 BOPDBlinebry - 6 BOPD

Abo and Drinkard % production = (5/11) = 45%Blinebry = (6/11) = 55% Abo and Drinkard % production = (5/11) = 45%Blinebry = (6/11) = 55%

j. All offset operators have been notified by certified mail of the proposed commingling. Copies of notification are attached. The attached plat indicates leases of unknown ownership, but there are no producing wells on this acreage.

The ownership of both zones is common as to working interest, royalties, and overrides.

Sincerely,

Steven M. King Petroleum Engineer

SMK/amb

## ART YEAGER #1

### BLINEBRY PRODUCTION

	BBL Oil	BBL WATER	MCF GAS
June 1982	669	1680	774
July 1982	390	1116	949

# NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

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Petro-Lewis Corporation				Blinebry	bry					00000		Lea				
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No well will be assigned an allowable greater than the amount of oil produced on the efficial test.

During ges-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

-11f be 0.60. Gas, volumes must be reported in MCF measured at a pressure base of 15.025 psin and a temperature of 60° F. Specific gravity base

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Rule 301 and appropriate pool rules. Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with

is true and complete to the best of my knowledge and belief. I hereby certify that the above information (Signoture)

# NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

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Art Yeager	LEASE NAME		0. Box 16200 Lubbock,	Petro-Lewis Corporation	Sperator
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increased allowables when authorized by the Commission.

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Report casing pressure in liquiof tubing pressure for any well producing through casing.

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Amoco Production Company
Houston Region - West
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001
ATTN: R. G. Smith
Regional Engineering Manager - West

Argee Oil Company
810 C&K Petroleum Building
Midland, Texas 79701
ATTN: R. S. Gunther
President Argee Oil

Arco Oil and Gas Company
C&K Petroleum Building
P. O. Box 1610
Midland, Texas 79702
ATTN: J. L. Tweed
District Engineer - West Area

Sun Production Company P. O. Box 2880 Campbell Centre Dallas, Texas 75221 ATTN: Carol Burton

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