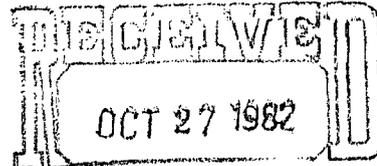


PETRO  LEWIS CORPORATION

Oil and Gas Producers

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

October 25, 1982



OIL CONSERVATION DIVISION
SANTA FE

Case 7737

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

PETRO LEWIS CORPORATION

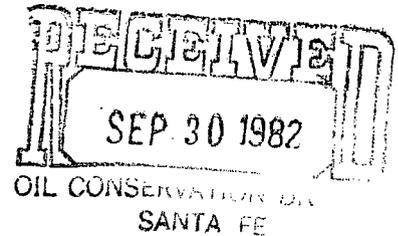
Oil and Gas Producers

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

September 28, 1982

Case 7737

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

*October 12, 1982
We may not process a
triple downhole commingling
application administratively,
this will have to go before a
Division hearing.*

Pools to be commingled:

- Abo
- Drinkard
- Blinebry

M. Stogner

- 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

$$\begin{aligned} \text{Blinebry: } & 38.4^\circ \text{ API} = .784 \text{ SG} \\ & \frac{(6) (.784) + (7) (1.0)}{13} = .9003 \text{ SG} \end{aligned}$$

$$(6145-5806)(.9003)(62.4/144) + 28 = 160 \text{ psi}$$

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 BOPD
- Blinebry - 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.

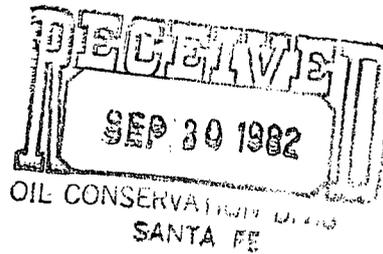
The ownership of both zones is common as to working interest, royalties, and overrides.

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

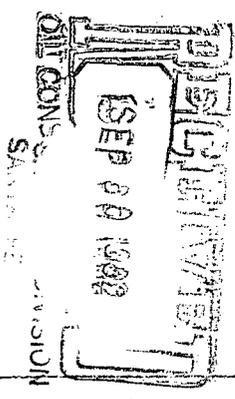
NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-118
Revised 1-1-65

Operator: Petro-Lewis Corporation Pool: Blinebry County: Lea

Address: P.O. Box 16200 Lubbock, Texas 79490

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	TYPE OF TEST - (X)	CHOKER SIZE	TEG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS-OIL RATIO CU.FT/SSL
		U	S	T	R							WATER BBL.S.	GRAV. OIL BBL.S.	GAS M.C.F.	
Art Yeager	1	J	25	21S	37E	9-23-82	P 2"	28	45	24	7	38.4	6	19	3166



No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-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.
Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.
Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

(Signature)
Title

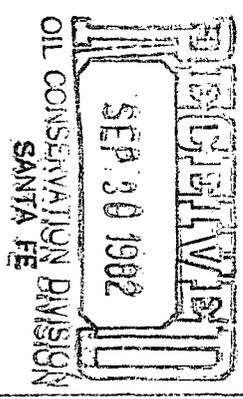
NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator: Petro-Lewis Corporation Pool: ABO-Drinkard County: Lea

Address: P.O. Box 16200 Lubbock, Texas 79490

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST - (X)	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABL.	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.		
		U	S	T							R	WATER BBL.S.	GRAV. OIL BBL.S.		GAS OIL BBL.S.	M.C.F.
Art Yeager	1	J	25	21S	37E	2-3-82	P	W/O	24	10	24	4	39.0	5	10.5	2100



No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-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.
Gas volumes must be reported in MCF measured at a pressure base of 14.7 psia and a temperature of 60° F. Specific Gravity base will be 0.63.

Report casing pressure in lieu of tubing pressure for any well producing through casing.
Null original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

(Signature)

(Title)

PETRO - LEWIS

UNKNOWN

ARCO

25

30

SUN

ARGE
OIL



ART YEAGER
1

AMOCO

UNKNOWN

ARCO

36

31

T
21
5

R 37 E

R 38 E

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

PETRO  LEWIS CORPORATION

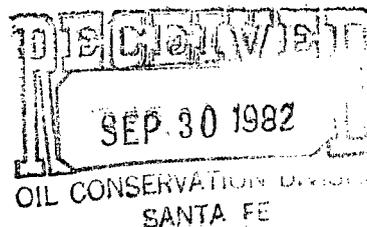
Oil and Gas Producers

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

September 21, 1982

Arco Oil and Gas Company
C&K Petroleum Building
P. O. Box 1610
Midland, Texas 79702

ATTN: J. L. Tweed
District Engineer - West Area



Gentlemen:

Attached for your information is a commingling request for the Art Yeager #1 A #1. We solicit your waiver of objection to this request. Please designate your decision below and return one copy to the undersigned in the enclosed envelope.

We will appreciate your most immediate reply.

Sincerely,

Steven M. King
Petroleum Engineer

SMK/amb

We do () / do not () object to the downhole commingling of production in Petro-Lewis Corporation's Art Yeager #1.

Signed _____

Date _____

Company _____

PETRO  LEWIS CORPORATION

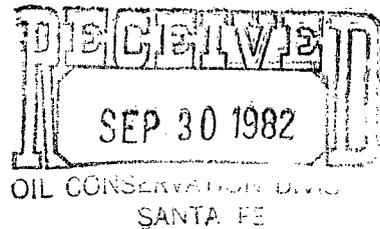
Oil and Gas Producers

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

September 1, 1982

Sun Production Company
P. O. Box 2880
Campbell Centre
Dallas, Texas 75221

ATTN: Carol Burton



Gentlemen:

Attached for your information is a commingling request for the Art Yeager #1 A #1. We solicit your waiver of objection to this request. Please designate your decision below and return one copy to the undersigned in the enclosed envelope.

We will appreciate your most immediate reply.

Sincerely,

Steven M. King
Petroleum Engineer

SMK/amb

We do () / do not () object to the downhole commingling of production in Petro-Lewis Corporation's Art Yeager #1.

Signed _____

Date _____

Company _____

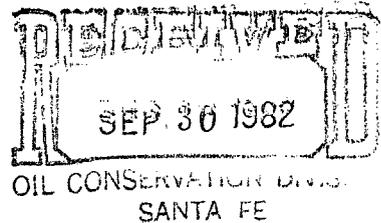
PETRO  LEWIS CORPORATION

Oil and Gas Producers

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

September 21, 1982

Amoco Production Company (USA)
Houston Region - West
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001



ATTN: R. G. Smith
Regional Engineering Manager - West

Gentlemen:

Attached for your information is a commingling request for the Art Yeager #1 A #1. We solicit your waiver of objection to this request. Please designate your decision below and return one copy to the undersigned in the enclosed envelope.

We will appreciate your most immediate reply.

Sincerely,

Steven M. King
Petroleum Engineer

SMK/amb

We do () / do not () object to the downhole commingling of production in Petro-Lewis Corporation's Art Yeager #1.

Signed _____

Date _____

Company _____

PETRO  LEWIS CORPORATION

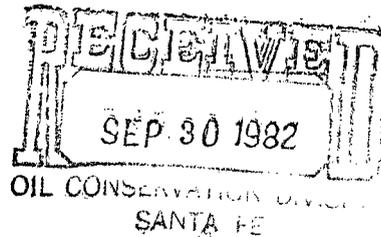
Oil and Gas Producers

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

September 21, 1982

Argee Oil Company
810 C&K Petroleum Building
Midland, Texas 79701

ATTN: R. S. Gunther
President Argee Oil



Gentlemen:

Attached for your information is a commingling request for the Art Yeager #1 A #1. We solicit your waiver of objection to this request. Please designate your decision below and return one copy to the undersigned in the enclosed envelope.

We will appreciate your most immediate reply.

Sincerely,

Steven M. King
Petroleum Engineer

SMK/amb

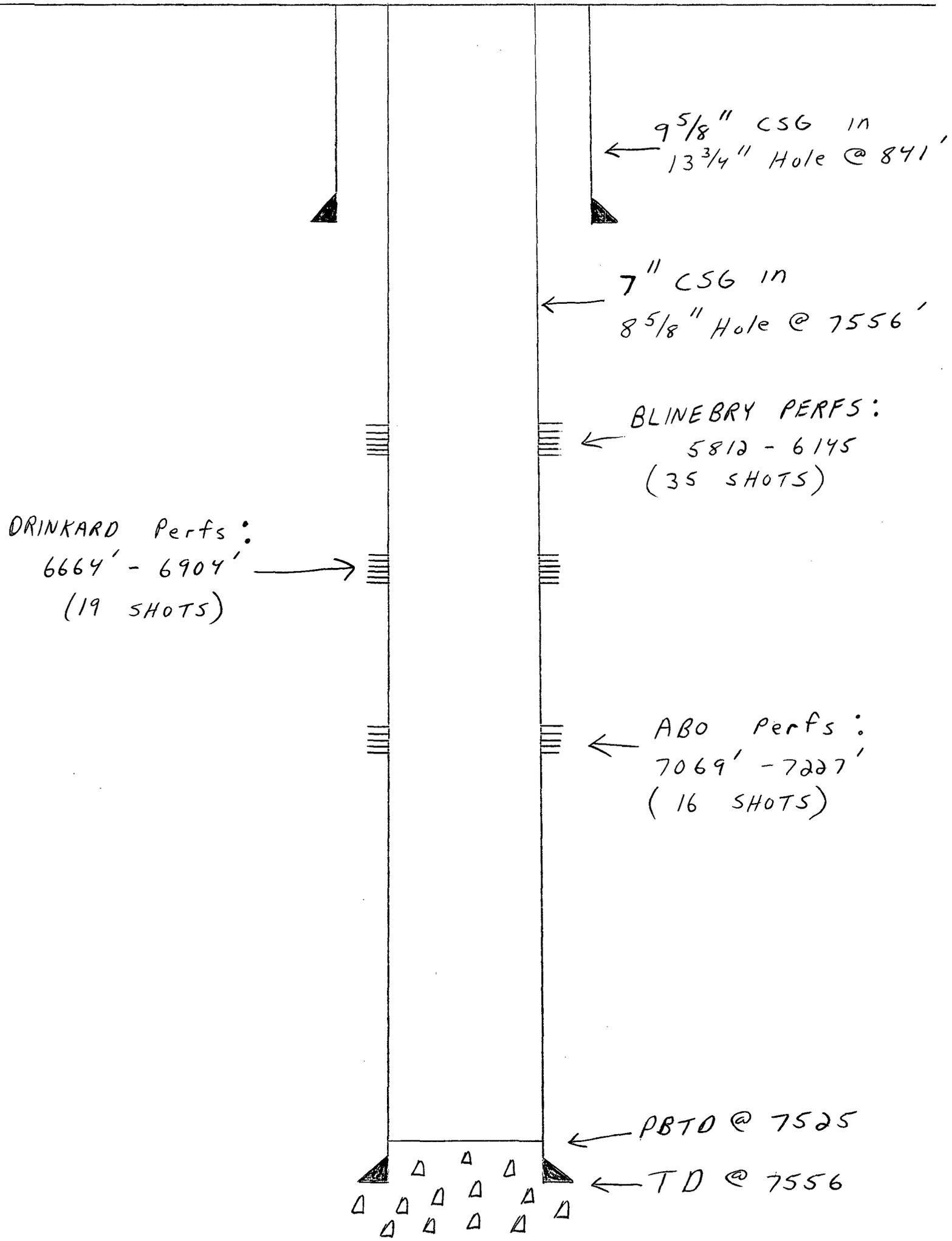
We do () / do not () object to the downhole commingling of production in Petro-Lewis Corporation's Art Yeager #1.

Signed _____

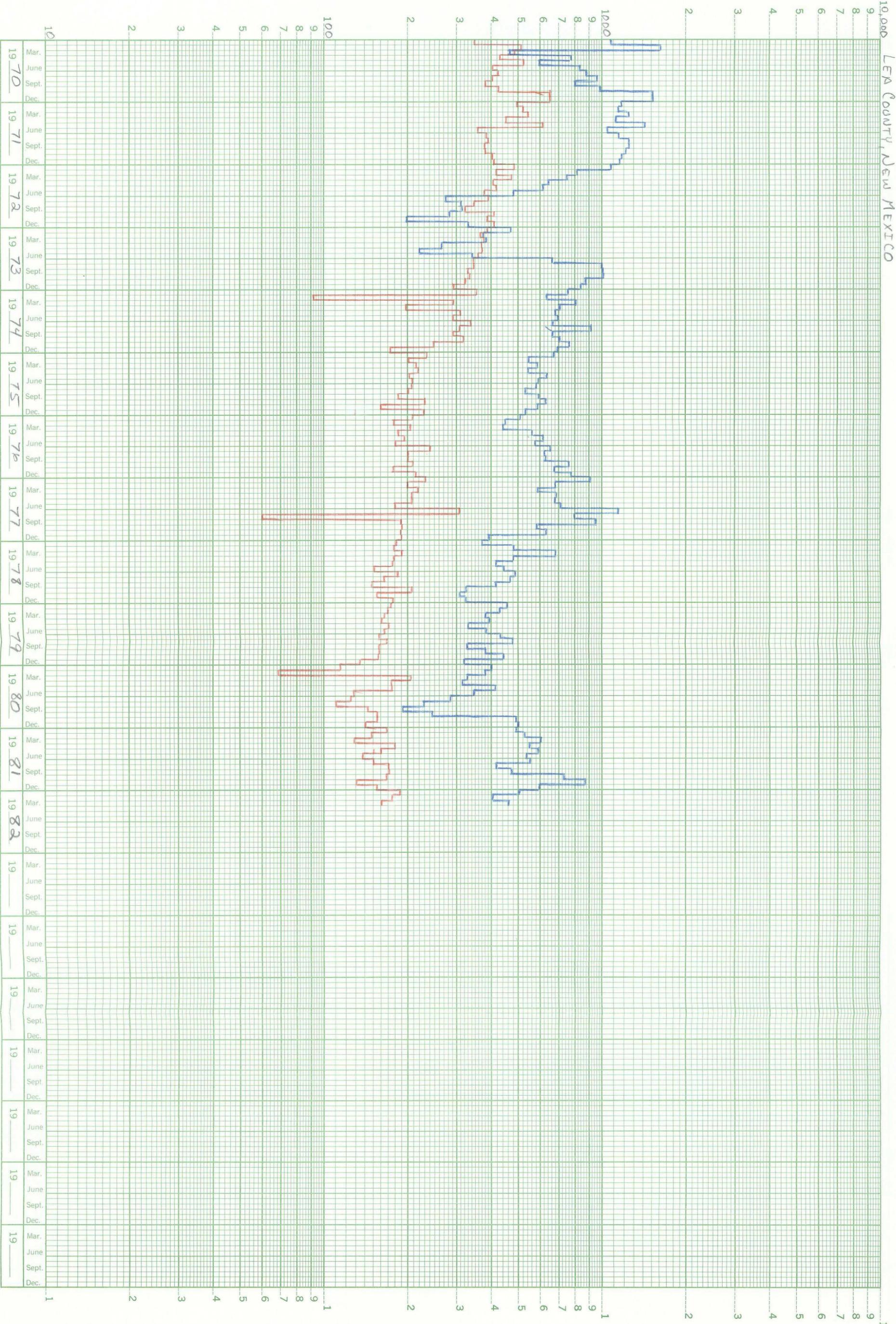
Date _____

Company _____

ART YEAGER # 1



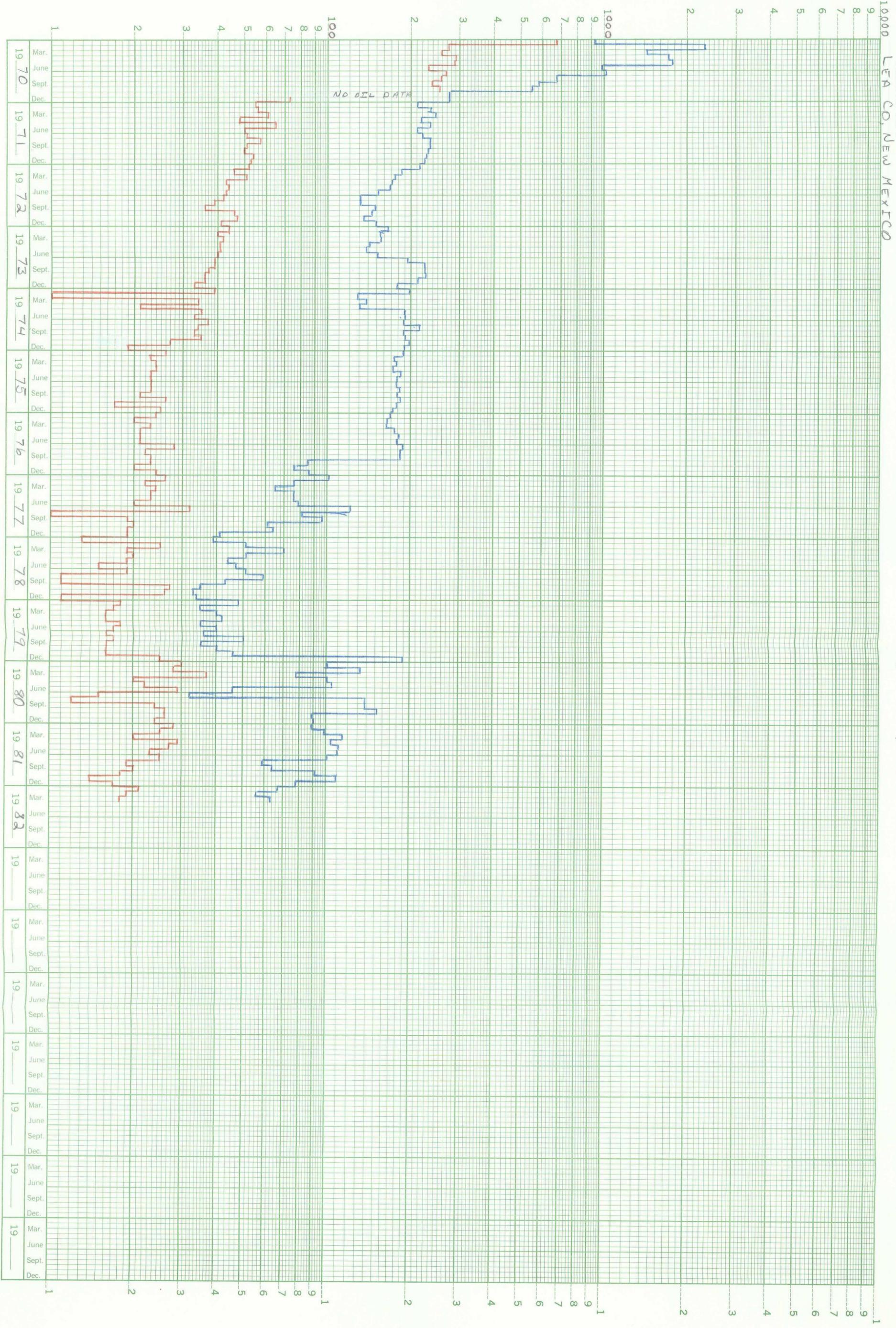
ART YEAGER #1
WANTZ (880)
LEA COUNTY, NEW MEXICO



OIL (BBLs) ———
GAS (MCF) ———

ART YEAGER #1
DRAKARD
LEA CO, NEW MEXICO

OIL (BBL) ———
GAS (MCF) ———





Amoco Production Company (USA)

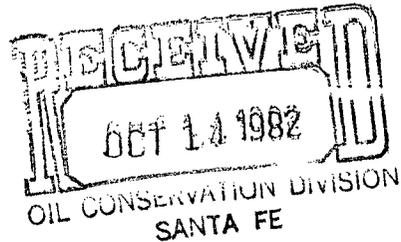
Houston Region—West
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001

R. G. Smith
Regional Engineering
Manager—West

October 11, 1982

File: JCA-986.51-3323

Re: Downhole Commingling
Art Yeager Well No. 1
Section 25, T-21-S, R-37-E
Lea County, New Mexico



State of New Mexico
Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Gentlemen:

Petro-Lewis Corporation has filed an application for permission to commingle production downhole in the Abo, Drinkard and Blinebry pools through their Art Yeager Well No. 1.

As an offset operator, Amoco Production Company has no objection to Petro-Lewis' application to commingle production from the Abo, Drinkard and Blinebry pools in the subject well.

Yours very truly,

R. G. Smith
mlc

MLC/kas
1174/Z

cc: Petro-Lewis Corporation
P. O. Box 16200
Lubbock, TX 79490