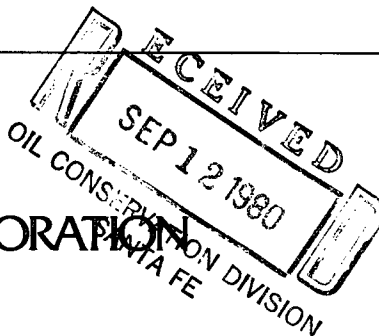


PETRO-LEWIS CORPORATION

Oil and Gas Producers



P.O. Drawer 937
Levelland, Texas 79336

DHC - 333

September 10, 1980

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

Dear Sir:

Petro-Lewis Coporation requests administrative approval for downhole commingling in its L.G. Warlick "B" well number 2 located in Unit G of Section 19, T21S, R37E, Lea County, New Mexico. We desire to downhole commingle the oil produced from Blinebry perforations at 5638-5890 and Drinkard perforations at 6622-6665.

As shown on the attached wellbore schematic the two zones are now separated by a retrievable bridge plug at 5939'. If granted approval of this application we will remove the bridge plug and produce both zones by rod pumping through a single string of tubing.

The Drinkard zone was temporarily abandoned when we recompleted in the Blinebry zone, but we now wish to produce both zones. Due to the restricted size of the 2-7/8" casing the only way to do this is by commingling downhole.

We have notified offset operators of this application and hereby request your approval.

Sincerely,

Michael G. Handren

Michael G. Handren
Staff Operations Engineer

MGH/ap
Attachments

*objection
sent for hrg*
*Case 7051
objection with drawn
2/25/81
dismin case
70 7051 and
proceed
This application
for adminis-
tratively
3/17/81*

PETRO LEWIS CORPORATION

Oil and Gas Producers

P.O. Drawer 937
Levelland, Texas 79336

September 10, 1980

Division Director
New Mexico Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico 97501

Case 7051

Subject: Request for downhole commingling
Rule 303-C

- (a) Petro-Lewis Corporation
P.O. Box 937
Levelland, Texas 79336
- (b) L.G. Warlick "B" Lease
Well Number 2
1980' FNL, 1980' FEL, Sec. 19, T21S, R37E, Lea County, New Mexico
- (c) This well is currently producing from three parallel casings.
Penrose-Skelly Grayburg perforations 3770-3818
Paddock perforations 5178-5186
Blinebry perforations 5638-5890
Administrative Order MC-2682 authorized this triple completion on
June 30, 1980.

This well was formerly producing from three parallel casings.
Penrose-Skelly Grayburg perforations 3770-3818
Paddock perforations 5178-5186
Drinkard perforations 6622-6665
Administrative Order MC-1457 authorized the triple completion on
February 6, 1964.
- (d) A current production test on form C-116.
See Attachment I.
- (e) A production decline curve for each zone to be commingled.
See Attachment II.

- (f) Estimated BHP for each zone to be commingled
 - Blinebry 250 psi (estimated)
 - Drinkard 250 psi (estimated)
- (g) The fluid characteristics of each zone show that the fluids will not be incompatible in the wellbore. Blinebry and Drinkard oil are both 34.4° API @ 58°F.
- (h) The value of the commingled production will not be less than the sum of the values of the individual streams because both Blinebry and Drinkard are sweet crudes and receive the same price.
- (i) Offset operators have been notified.

GAS-OIL RATIO TESTS

Operator		County													
Petro-Lewis Corporation		Lea													
Address		Pool													
P.O. Box 937		Blinebry													
Levelland, Texas 79336															
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL	
		U	S	T						R	WATER BBLs.	GRAV. OIL	OIL BBLs.		GAS M.C.F.
L.G. Warlick "B"	2	G	19	21S	37E	9/4/80	P 2"	25		24	3	34.4	27	356	13,185
								B1	27			96.4%	27	356	87.7%
								Dr	±			3.6	1	50	12.3%
								Total				100.0	28	406	100.0

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 Division.

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.

All original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 331 and appropriate pool rules.

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

Michael L. Handen

(Signature)

Staff Operations Engineer

September 10, 1980

GAS-OIL RATIO TESTS

Operator Petro-Lewis Corporation		Pool Drinkard	County Lea											
Address P.O. Box 937		Levelland, Texas		TYPE OF TEST - (X)		Completion ☐		Special ☒						
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKES SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL	
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.
L.G. Warlick "B"	2	G	19	21S	37E	4/21/80	F 2"	25	24	0	34.6	1	50	50,000

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 allowable when authorized by the Division.

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.

Mail original and one copy of this report to the District Office of the New Mexico Oil Conservation Division in accordance with Rule 331 and appropriate pool rules.

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

Michael G. Darden

(Signature)

Staff Operations Engineer

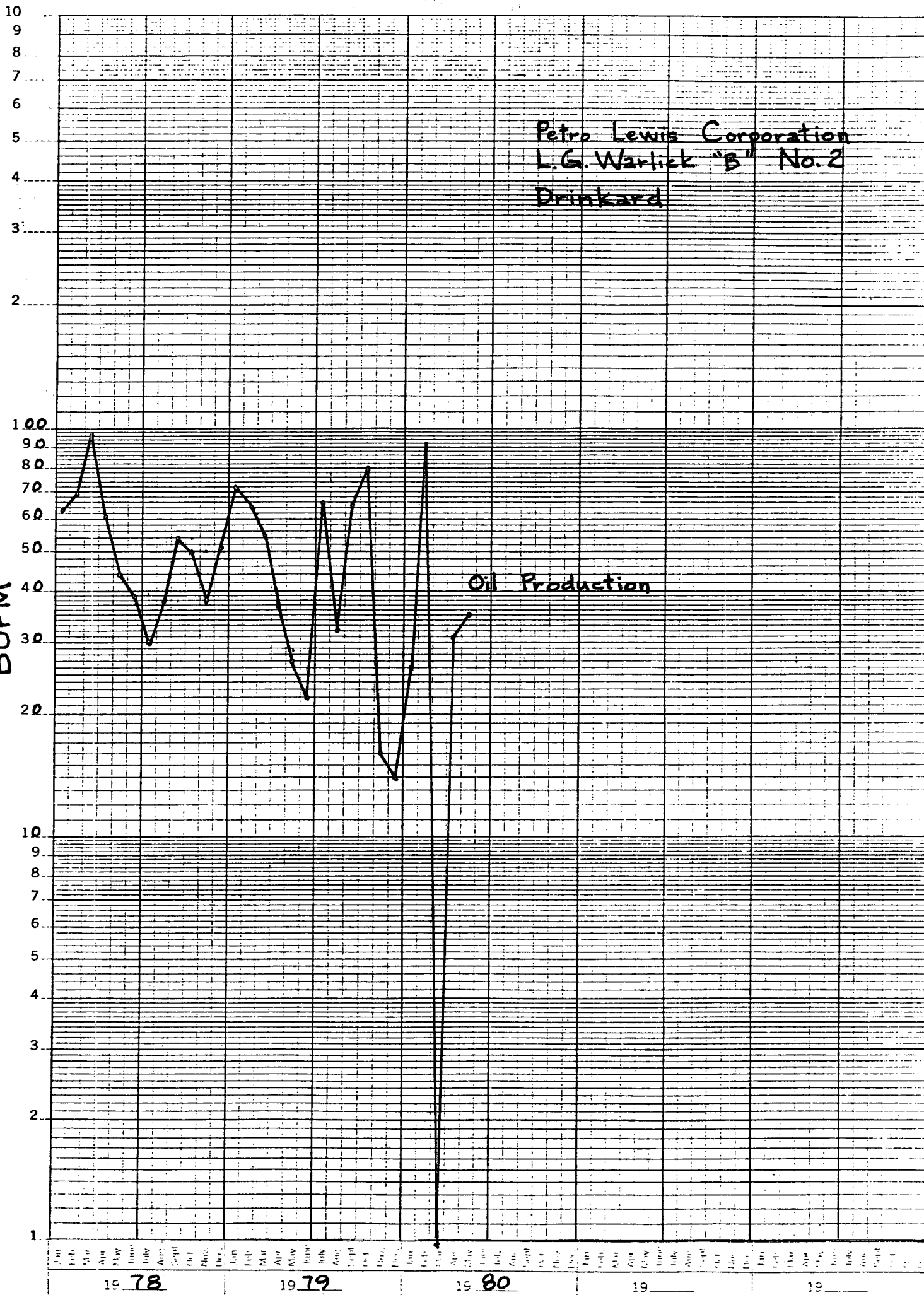
(Title)
September 10, 1980

46 5370

BOPM

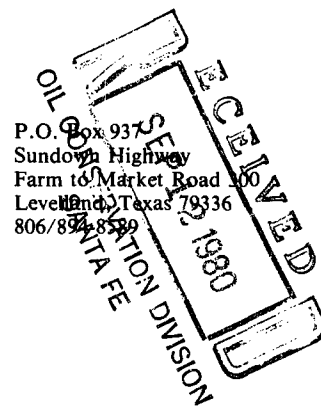
Petro Lewis Corporation
L.G. Warlick "B" No. 2
Drinkard

Oil Production



PETRO LEWIS CORPORATION

Oil and Gas Producers



September 10, 1980

TO: OFFSET OPERATORS
ADDRESS LIST ATTACHED

Gentlemen:

Subject: Request for Down-hole Commingling Permit
Rule 303-C

Attached for your review is a commingling request for the L.G. Warlick "B" #2. Your waiver of objection to this request is respectfully solicited. Please indicate your decision in the space below and return one copy to the undersigned and one copy to the New Mexico Oil Conservation Commission in the enclosed envelopes, and retain one copy for your files.

Thank you for your cooperation.

Sincerely,

Michael G. Handren

Michael G. Handren
Staff Operations Engineer

MGH/ap

- I. L.G. Warlick "B" #2 - I do () do not () object to commingling request for this well.

Signed _____

Date _____

Company _____

ADDRESS LIST
(Alphabetical Order)

OFFSET OPERATORS*

W. J. W.
Amoco Production Company
P. O. Box 3092
Houston, Texas 77001

Attn: Mr. George Simmons
Division Geologist, NM & TX
(713) 652-5222

object
Campbell and Hedrick
P. O. Box 401
Midland, Texas 79701

(915) 684-4393

Continental Oil Company
P. O. Box 460
Hobbs, New Mexico 88240

Attn: Mr. Paul Thompson
Division Manager
(505) 393-4141

Gulf Oil Company - U.S.
P. O. Box 670
Hobbs, New Mexico 88240

Attn: Mr. R.C. Anderson
Production Manager
(505) 393-4121

* Offset Operators to Petro-Lewis Corporation's L.G. Warlick No. 2 located
990' FNL and 2310' FEL, Section 19, T21S, R37E, Lea County, New Mexico.

Copy: U.S. Department of the Interior
Geological Survey
1012 Federal Building
1961 Stout Street
Denver, Colorado 80202

object
Peery, J.W., Estate
P. O. Box 401
Midland, Texas 79701

(915) 684-4651

W. J. W.
Sun Oil Company
P. O. Box 1861
Midland, Texas 79701

Attn: Mr. R.K. Beggs
District Manager
(915) 685-0300

Tenneco Oil Company
Ciudad Bldg. - Suite 139
3000 United Founders Blvd.
Oklahoma City, Oklahoma 73112

Attn: Mr. Don Wright
(405) 848-8551

W. J. W.
Texas Pacific Oil Company, Inc.
P. O. Box 4067
Midland, Texas 79701

Attn: Mr. R.J. Womack
Regional Manager
(915) 684-5584

PETRO-LEWIS CORPORATION
 L.G. WARLICK LEASE
 N ½, NE ¼ Sec. 19
 T 21S, R 37E
 Lea County, New Mexico
 Scale: 1" = 1000'

J. PEERY
 ☼ 1
 ● 1-A
 ● 2
 Lockhart U.S.

TEXAS PACIFIC (Pan Amer.) ● 1-B State	MARATHON ● 1 L.G. Warlick Joe Sims	PETRO-LEWIS ● 3 L.G. Warlick Joe Sims 18	17
TENNECO ● 2 ● 1 Sunshine-St. PETRO-LEWIS ● 1-DC ● 2-DC State	PETRO-LEWIS 19 MARATHON D/R ☼ 3 ● 2 ● 1 Warlick PETRO-LEWIS ● 2-B ● 1-B Warlick "B"	20 SUN ● 1B Elliot U.S.	SUN ● 6 ● 1 Randle
GULF ● 2 GULF AMOCO ☼ 1 ● 2-ck ● 1 ● 3-ck ● 1-ck Graham St. State	☼ 2-A ☼ 1-A Warlick "A" Joe Sims CAMPBELL & HEDRICK ☼ 6 ☼ 3 ● 4 ● 2 ● 5 ● 1 Millard Deck	GULF ☼ 5 ● 4 Hardy	

SUBJECT Warlick B #2

PETRO LEWIS
P. O. BOX 8338 MIDLAND, TEXAS 79703

PAGE NO. _____
BY _____ DATE _____

