

OPERATOR  
PETRO, LEWIS, CORP.

## NEW MEXICO OIL CONSERVATION COMMISSION

## SUSPENDED WELL TESTED JACKED LEAKAGE TEST

Operator	Name		Name		Well No.
Location	Date	Sec	Op	Sec	Lea
PETRO, LEWIS, CORP.			L.G. WARLICK		2
Location of Well	Date B	Sec 19	Op 21	Sec 37	County LEA
	Name of Recovery or Pool	(All or One)	Type of Prod	Method of Prod	Prod. Estima (Bbl or Cwt)
Upper	#1 PENROSE, SKELLY	OIL	PUMP	Tbg	2"
Second	#2 BLINBRY	OIL	FLOW	Tbg	21/64
Lower	#3 DRINKARD	OIL	PUMP	Tbg	2"
Completion					

## FLOW TEST NO. # 3

Both zones shut-in at (hour, date):

Well opened at (hour, date): 7:00 AM 2/22/79      Upper Completion      Lower Completion  
#1 P.S      #2 BLY      #3 DRK

Indicate by ( X ) the zone producing..... X

Pressure at beginning of test..... 25 150 150

Stabilized? (Yes or No)..... yes yes yes

Maximum pressure during test..... 250 150 150

Minimum pressure during test..... 25 25 150

Pressure at conclusion of test..... 25 25 150

Pressure change during test (Maximum minus Minimum)..... none 125 none

Was pressure change an increase or a decrease?..... none decrease none

Well closed at (hour, date): 7:00 AM 2/23/79      Total Time On Production 24 hrs

Oil Production      Gas Production

During Test: 3 bbls; Grav. 35.2 ; During Test 89.783 MCF; GOR 29.928-1

Remarks \_\_\_\_\_

## FLOW TEST NO. 2

Well opened at (hour, date): \_\_\_\_\_ Upper Completion      Lower Completion

Indicate by ( X ) the zone producing..... \_\_\_\_\_

Pressure at beginning of test..... \_\_\_\_\_

Stabilized? (Yes or No)..... \_\_\_\_\_

Maximum pressure during test..... \_\_\_\_\_

Minimum pressure during test..... \_\_\_\_\_

Pressure at conclusion of test..... \_\_\_\_\_

Pressure change during test (Maximum minus Minimum)..... \_\_\_\_\_

Was pressure change an increase or a decrease?..... \_\_\_\_\_

Well closed at (hour, date) \_\_\_\_\_ Total time on Production

Oil Production      Gas Production

During Test: \_\_\_\_\_ bbls; Grav. \_\_\_\_\_ ; During Test \_\_\_\_\_ MCF; GOR \_\_\_\_\_

Remarks \_\_\_\_\_

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

MAY 22 1979

Operator PETRO, LEWIS, CORP

Approved 19 By E. Lockett  
New Mexico Oil Conservation CommissionBy J.W. Munyan Title Senior Production Foreman  
Geologist Date March, 19, 1979

**Section 3.1.1 RESTRICTIONS ON PLACEMENT OF TEST EQUIPMENT**

A. A packer shall not be used to test zones which may be connected with the reservoir or with other zones which have not been tested. The operator shall not use the same packer to test more than one zone at a time. If the packer is used to test two or more zones, the operator shall use a different packer for each zone. The operator shall not use the same packer to test two or more zones which are connected by a communication system. The operator shall not use the same packer to test two or more zones which are connected by a communication system.

B. At least 72 hours after the last test, the operator may break gauge and the operator may verify the value of the test pressure. The operator may test to be sure the test equipment is working correctly.

C. The packer leakage test shall be done when both zones of the well completion are in the process of stimulation. Both zones shall be shut-in until the test is completed. The operator may take a series of tests in the center provided however, that they end at least 16 hours apart.

D. For flow test N, the zone of the well completion shall be tested at the initial rate of production while the other zone remains shut. The test shall be continued until the flow stabilized. The test may be run stabilized and/or consists of two or more tests if the operator is sure that the flow test did not continue for more than 24 hours.

E. Following completion of flow test No. 1, the well shall be shut-in for no longer than 10 minutes with Paragraph 3 above.

F. Flow Test No. 2 shall be conducted even though no test was conducted from Test No. 1. Instructions for Flow Test No. 2 to be used for Flow Test No. 1 except that the previously produced gas volume will be subtracted while the previously shut-in zone is producing.

G. All pressures, the original pressure test, shall be converted and recorded with respect to pressure gauge. The original pressure shall be checked with a deadweight test gauge before beginning and once at the end of each flow test.

H. The results of the above described tests shall be filed for within 15 days after completion of the tests. Tests shall be sent to the appropriate District Office of the New Mexico Oil Conservation Department. New Mexico Oil Conservation Department, together with the original pressure reading, gas oil chart, and deadweight pressure which were taken, indicated below. In filing the above said chart, the operator may submit a pressure curve for each zone of each test, indicating the constant changes which may be reflected by the gauge during a 24 hour period. Pressure readings may be taken. If the gas-oil ratio is omitted, the original chart must be permanently filed in the office. The oil will also accompany the latest leakage test when the test period coincides with a gas-oil ratio test period.