

This form is not to  
be used for reporting  
packer leakage tests  
in Northwest New Mexico

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Petro-Lewis Corp.</b>			Lease <b>Warlick A</b>			Well No. <b>1</b>	
LOCATION OF WELL	Unit <b>I</b>	Sec. <b>19</b>	Twp. <b>21 S</b>	Rge. <b>37 E</b>	County <b>Lea</b>		
NAME OF RESERVOIR OR POOL		TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. FLOW, ART LIFT		PROD. MEDIUM (Tbg or Csg)	CHOKE SIZE	
Upper Comple.	<b>Penn Skelly</b>	<b>Oil</b>	<b>Art. Lift</b>		<b>tbg</b>	<b>2"</b>	
	<b>Eumont</b>	<b>Gas</b>	<b>Flow</b>		<b>tbg</b>	<b>19/64</b>	
Lower Comple.	<b>Blinebry</b>	<b>Gas</b>	<b>Flow</b>		<b>csg</b>	<b>10/64</b>	
	<b>Drinkard</b>	<b>Oil</b>	<b>Flow</b>		<b>csg</b>	<b>19/64</b>	

## FLOW TEST NO. 1

Well zones shut-in at (hour, date): 10:00 AM 9-11-86Well opened at (hour, date): 10:00 AM 9-12-86

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? .....

Upper Completion		Lower Completion	
Penn Skelly	Eumont	Bline- bry	Drink- ard
90	85	395	100
Yes	Yes	Yes	Yes
90	85	400	100
20	85	395	100
20	85	400	100
-70	same	+5	same
Dec	same	Inc	same

Well closed at (hour, date): 10:00 AM 9-13-86Total Time On  
Production 24 hrsOil Production  
During Test: 4 bbls; Grav. 38.6Gas Production  
During Test 42 MCF; GOR 10-1

Remarks:

(Continue on reverse side)

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## FLOW TEST NO. 2

Well opened at (hour, date): 10:00 AM 9-14-86

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)

	Upper Completion Penn Skelly	EuMont	Blaine- bry	Lower Completion Drains
90	100	410	100	
Yes	Yes	Yes	Yes	
90	100	410	100	
90	20	410	35	
90	20	410	35	
same	-80	410	-5	
same	dec	same	dec	

Was pressure change an increase or a decrease?

Well closed at (hour, date): 10:00 AM 9-15-86

Oil Production During Test: 0 bbls; Grav. \_\_\_\_\_

Gas Production During Test: 48 MCF; GOR 48-0

Remarks:

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

Approved SEP 26 1986

New Mexico Oil Conservation Division

By \_\_\_\_\_

Title \_\_\_\_\_

Operator \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

### SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually hereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
- At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
- The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the wellhead pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
- For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a dead-weight tester at least twice, once at the beginning and once at the end, of each flow test.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Division on Southeast New Mexico Packer Leakage Tests Form Revised 11-01-58, together with the original pressure recording gauge charts with all deadweight pressures which were taken indicated thereon. In lieu of filing the original charts, the operator may construct a pressure versus time curve for each zone of completion indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form 1011 shall accompany the Packer Leakage Test Form when the test period coincides with a gas lift test period.