

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

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Petro-Lewis Corporation		Lease Warlick A		Well No. 1	
LOCATION OF WELL	Unit I	Sec. 19	Twp. 21 S	Rge. 37 E	County Lea
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 Compl.	Penn Skelly	Oil	Art. Lift	Tbg	2"
	Eumont	Gas	Flow	Tbg	19/64
Lower Compl.	Blinebry	Gas	Flow	Csg	10/64
	Drinkard	Oil	Flow	Csg	19/64

FLOW TEST NO. 3

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

Well opened at (hour, date): 10:00 AM 9-16-86

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?

Well closed at (hour, date): 9-17-86 10:00

Oil Production

During Test: 1 bbls; Grav. 36.5

Total Time On
Production 24 hrs

Gas Production

During Test 89 MCF; GOR 89-1

Remarks:

Upper Completion		Lower Completion	
Penn Skelly	Eumont	Bline- bry	Drink
100	100	410	105
Yes	Yes	Yes	Yes
100	100	410	105
100	100	60	105
100	100	60	105
same	same	-350	same
same	same	dec	same

(Continue on reverse side)

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FLOW TEST NO. 4

Well opened at (hour, date): 10:00 9-18-86

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 D X rk
110	100 410 100
Yes	Yes Yes Yes
110	100 410 100
110	100 410 20
110	100 410 20
same	same same -80
same	same same den

Well closed at (hour, date): All zones opened

Oil Production During Test: 1 bbls; Grav _____

Gas Production During Test: 35 MCF; GOR 35-1

Remarks: This was the last test.

Total Time On Production 24 hrs

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

Approved SEP 21 1986 19
New Mexico Oil Conservation Division

By ORIGINAL ARCHIVED BY [unclear]
District Office, Santa Fe

Title _____

Operator Petro-Lewis Corp.

By Gary Morgan

Title Pumper

Date 9-21-86

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well, within seven days after actual completion of the well, and annually thereafter 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.
2. 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.
3. 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.
4. 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 dial indicator 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 Test Form, Revised 11-01-58, together with the original pressure recording gauge charts and all the deadweight pressures which were taken indicated thereon. In lieu of filing the above charts, the operator may construct a pressure versus time curve for each zone of each test, 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 C-11 shall accompany the Packer Leakage Test Form when the test period coincides with a gas or oil test period.