

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator PETRO, LEWIS, CORP			Lease L.G. WARLICK			Well No. 3	
Location of Well	Unit P	Sec 18	Twp 21	Rge 37	County LEA		
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Gas)	Choke Size	
Upper Comp	BLINEBRY		OIL	FLOW	Csg	21/64	
Lower Comp	DRINKARD		OIL	PUMP	Tbg	2"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 7:00 AM 2/1/79

Well opened at (hour, date): 7:00 AM 2/2/79

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	300	25
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	300	25
Minimum pressure during test.....	300	10
Pressure at conclusion of test.....	300	10
Pressure change during test (Maximum minus Minimum).....	none	15
Was pressure change an increase or a decrease?.....	none	decrease
Well closed at (hour, date): 7:00 AM 2/3/79	Total Time On Production 24 hrs	
Oil Production During Test: 4 bbls; Grav. 35.8	Gas Production During Test 41.793	MCF; GOR 10.448-1
Remarks		

FLOW TEST NO. 2

Well opened at (hour, date): 7:00 AM 2/3/79

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	300	10
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	300	25
Minimum pressure during test.....	25	10
Pressure at conclusion of test.....	25	25
Pressure change during test (Maximum minus Minimum).....	275	15
Was pressure change an increase or a decrease?.....	decrease	increase
Well closed at (hour, date): 7:00 AM 2/4/79	Total time on Production 24 hrs	
Oil Production During Test: 2 bbls; Grav. 33.8	Gas Production During Test 16.279	MCF; GOR 8.138-1
Remarks		

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

Approved **MAY 25 1979** 19
New Mexico Oil Conservation Commission

Operator PETRO, LEWIS, CORP
By *Ed Lickert*
Title Senior, Production, Foreman
Date March, 26, 1979

By *John W. Nuyman*
Geologist

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be conducted on each suitably 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 not be conducted on all multiple completions within seven days following completion and shall be conducted on a rotating basis. Tests over the life of the well shall be conducted on a well basis, which the packer on the tubing have been checked. Tests shall also be taken at any time that construction is recommended when required by the production.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operations 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 deadweight 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 Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid 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-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

RECEIVED

MAY - 7 1979

OIL CONSERVATION COMM.
MORGAN, L. L.