

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Franklin, Aston & Fair, Inc.			Lease Mark Federal			Well No. 2	
Location of Well	Unit M	Sec 25	Twp 7 S	Rge 35 E	County Roosevelt		
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Chcke Size	
Upper Compl	Todd San Andres (Upper)		Gas	Flow	Csg	3/4	
Lower Compl	Todd San Andres (Lower)		Gas	Flow	Tbg	Shut In	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3:00 PM March 12, 1969

Well opened at (hour, date):	6:00 PM March 13, 1969	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		X	
Pressure at beginning of test.....		463	0
Stabilized? (Yes or No).....		Yes	Yes
Maximum pressure during test.....		463	4
Minimum pressure during test.....		43	4
Pressure at conclusion of test.....		43	4
Pressure change during test (Maximum minus Minimum).....		423	4
Was pressure change an increase or a decrease?.....		Decrease	Increase
Well closed at (hour, date):	4:00 PM March 14, 1969	Total Time On Production	22 Hrs
Oil Production		Gas Production	
During Test: Dry Gas bbls; Grav.	-	During Test	38 MCF; GOR -
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 Annual test for 1968. Lower zone has insufficient pressure to produce.			

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

Approved \_\_\_\_\_ 19\_\_\_\_  
New Mexico Oil Conservation Commission

Operator Franklin, Aston & Fair, Inc.  
By N. L. Smith  
Title Tester - Oil Reports & Gas Services  
Date 3/18/69

By \_\_\_\_\_  
Title \_\_\_\_\_

## SOUTHEAST NEW MEXICO PACKER LEADAGE TEST INSTRUCTIONS

A packer leakage test shall be commenced on a well that is plugged or within seven days after actual completion of the plug. The well tests shall be prescribed by the order authorizing the plug. If a completion test shall also be commenced on all multiple completions within seven days following recompletion and/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 Commission.

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 tests 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 well-head 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.

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. A pressures throughout the entire test shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a leadweight 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 10 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission, Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the dead-weight 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 dead-weight 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-115 shall also accompany the Packer Leakage Test Form when a test period coincides with a gas-oil ratio test period.