

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator National Coop. Refinery Assoc.			Lease Westates Federal			Well No. 5	
Location of Well	Unit E	Sec 1	Twp 25 S	Rge 37E	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	Justis Blinebry		Oil	Flow	Tubing	30/64"	
Lower Compl	Justis Tubb Drinkard		Oil	Shut-in	Tubing		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM April 24, 1972

	Upper Completion	Lower Completion
Well opened at (hour, date): 8:00 AM April 25, 1972		
Indicate by (X) the zone producing.....	X	-
Pressure at beginning of test.....	210	0
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	210	0
Minimum pressure during test.....	65	0
Pressure at conclusion of test.....	65	0
Pressure change during test (Maximum minus Minimum).....	145	0
Was pressure change an increase or a decrease?.....	decrease	0
Well closed at (hour, date): 8:00 AM April 26, 1972	Total Time On Production 24 hrs.	
Oil Production	Gas Production	
During Test: 2.7 bbls; Grav. 36	During Test 122	MCF; GOR 45,185
Remarks Tubb Drinkard zone dead and off proration schedule		

FLOW TEST NO. 2

Well opened at (hour, date): 7:00 AM April 27, 1972	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	-	X
Pressure at beginning of test.....	205	0
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	210	0
Minimum pressure during test.....	205	0
Pressure at conclusion of test.....	210	0
Pressure change during test (Maximum minus Minimum).....	5	0
Was pressure change an increase or a decrease?.....	Increase	-
Well closed at (hour, date) 5:00 PM April 27, 1972	Total time on Production 10 hrs.	
Oil Production	Gas Production	
During Test: 0 bbls; Grav. -	During Test 0	MCF; GOR -
Remarks Tubb Drinkard zone dead and off proration schedule.		

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

Approved 1972 19
New Mexico Oil Conservation Commission

Operator National Coop. Refinery Assoc.
By B. J. Hinson
B. J. Hinson
Title Dist. Prod. Supt.

Orig. Signed By Joe D. Ramsey
Title

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST PROCEDURE

1. A packer leakage test shall be commenced on a well only if the well is within seven days after actual completion of the well and casing on thereafter as prescribed by the order authorizing the well. Such tests shall also be commenced on all multiple completions within seven days following completion and/or check-out of fracture treatment and when ever remedial work has been done on a well during which the casing or tubing have been disturbed. Tests shall also be taken at any time if casing annulation is suspected or when requested by the Commission.
2. At least 12 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact date the test is to be commenced. Offset operators shall also be 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 at a minimum of two hours thereafter, provided however, that they 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 recorded 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 readings 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 files. Form 11-1-58 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

