

N MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Texas Pacific Oil Company			Lease Carlson Federal			Well No. 1	
Location of Well	Unit B	Sec 26	Twp 25 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	Justis Paddock		Oil	Pump	Tbg	3/4	
Lower Compl	Justis Blinbry		Oil	Pump	Tbg	3/4	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 A. M. April 6, 1965

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:15 A. M. April 7, 1965</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	40	343
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	40	343
Minimum pressure during test.....	14	67
Pressure at conclusion of test.....	14	67
Pressure change during test (Maximum minus Minimum).....	26	276
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): <u>10:15 A. M. April 8, 1965</u>	Total Time On Production 24	
Oil Production During Test: 60 bbls; Grav. 35.6 ;	Gas Production During Test 97	MCF; GOR 1617
Remarks <u>Upper zone logging.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:45 A. M. April 9, 1965</u>		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	0	374
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	60	382
Minimum pressure during test.....	0	374
Pressure at conclusion of test.....	54	382
Pressure change during test (Maximum minus Minimum).....	60	8
Was pressure change an increase or a decrease?.....	Increase	Increase
Well closed at (hour, date): <u>9:45 A. M. April 10, 1965</u>	Total time on Production 24	
Oil Production During Test: 4.5 bbls; Grav. 34.0 ;	Gas Production During Test 28	MCF; GOR 6222
Remarks <u>Annual test.</u>		

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 Texas Pacific Oil Company

By H. L. Smith

By _____
Title _____

Title Tester - Oil Reports & Gas Services

Date April 14, 1965

SOUTHEAST NEW MEXICO PACKER LEAKAGE 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 Commission.
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 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 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.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. The 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 pressure measurements 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 field office of the New Mexico Oil Conservation Commission or Southwestern New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressure readings which were taken indicated thereon. In lieu of filing the original gauge charts, the operator may construct a pressure versus time curve from the flow test, indicating thereon all pressure changes which were indicated by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, it must be permanently filed in the operator's office. The original test results shall accompany the Packer Leakage Test Form when the test results are filed with a gas-oil ratio test period.

