

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company				Lease Hawk B-10 Unit			Well No. 1	
Location of Well		Unit B	Sec 10	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 Csg)	Choke Size		
Upper Compl	Tubb			Gas	Flow	Csg.	3/4"	
Lower Compl	Drinkard			Oil	Pump	Tbg.	Open 2"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:30 a.m. 3-6-59

	Upper Completion	Lower Completion
Well opened at (hour, date): 3:30 a.m. 3-9-59		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	933#	442#
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	933#	444#
Minimum pressure during test.....	560#	442#
Pressure at conclusion of test.....	572#	444#
Pressure change during test (Maximum minus Minimum).....	378#	2#
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): 8:30 a.m. 3-10-59	Total Time On Production 24 hours	
Oil Production	Gas Production	
During Test: None bbls; Grav. ---	347	MCF; GOR ---
Remarks		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 8:30 a.m. 3-11-59		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	788#	550#
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	788#	550#
Minimum pressure during test.....	680#	10#
Pressure at conclusion of test.....	680#	41#
Pressure change during test (Maximum minus Minimum).....	108#	540#
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date) 8:30 a.m. 3-12-59	Total time on Production 24 hours	
Oil Production	Gas Production	
During Test: 25 bbls; Grav. 36.7	78.3	MCF; GOR 3,132
Remarks Communication indicated. Tubing plug set above Drinkard and sleeve		

valve opened to admit Tubb to tubing. Drinkard TSD.

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

By _____
Title _____

Operator Continental Oil Company

By _____

Title Gas Tester

Date 6-9-59

NEW MEXICO PAPER LEAKAGE TEST INSTRUCTION

1. A paper leakage test shall be conducted on each well within seven days after initial completion of the well and immediately after as prescribed by the order authorizing the multiple completion. 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 the completion is altered or when requested by the Commission.

2. At least 72 hours prior to the commencement of any paper 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 notified.

3. The paper 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 remain shut-in for more than 24 hours.

4. The Flow Test No. 1, one zone of the dual completion shall be opened to the normal rate of production while the other zone remains shut-in. This zone shall be continued until the flowing well-head pressure has stabilized and for a minimum of two hours thereafter, provided however, that they remain shut-in for more than 24 hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in for pressure stabilization.

6. If a well is shut-in during a paper leakage test, the well shall be recompleated during Flow Test No. 2. Procedure for Flow Test No. 2 is to be the same as Flow Test No. 1, except that the previously produced zone shall remain shut-in during the previous shut-in zone is produced.

7. Pressure in the well during the entire test shall be continuously recorded on a pressure recording device. The accuracy of the pressure recording device shall be checked prior to the commencement of the test and checked at the end of the test.

8. The pressure recording device shall be filled to trip rate within 24 hours after completion of the test. Tests shall be filed with the appropriate district office of the New Mexico Oil Conservation Division. The operator shall submit a paper leakage test form Revised 11-1-58, with all the data and charts with all the test results. In lieu of the above, the operator may construct a pressure versus time chart, showing the pressure versus time for all pressure curves, and the pressure versus time for all dead-end curves. If the pressure curve is submitted, the pressure chart shall be permanent, filed in the operator's file. The pressure chart shall be submitted with the paper leakage test form.

