

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company			Lease Hawk B-10			Well No. 9	
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	T.S.D.	csg.		-
Lower Compl	Drinkard		oil	pump	tbg.		none

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 a.m. 3-15-65

Well opened at (hour, date): 10:00 a.m. 3-16-65

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	105	280
Stabilized? (Yes or No).....	yes	no
Maximum pressure during test.....	105	280
Minimum pressure during test.....	105	*20
Pressure at conclusion of test.....	105	50
Pressure change during test (Maximum minus Minimum).....	none	260
Was pressure change an increase or a decrease?.....	none	decrease
Well closed at (hour, date): 10:00 A.m. 3-17-65	Total Time On Production 24:00 hours	
Oil Production	Gas Production	
During Test: 9 bbls; Grav 39.0 at 60°	During Test 13.5 MCF; GOR 1,500	
Remarks *from chart lower zone only produced. upper zone T.S.D. and disconnected.		
Test continued for pressure build up.		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 10:00 a.m. 3-18-65		
Indicate by (X) the zone producing.....		
Pressure at beginning of test .period.....	105	385
Stabilized? (Yes or No).....	yes	no
Maximum pressure during test .period.....	180	470
Minimum pressure during test .period.....	105	385
Pressure at conclusion of test .period.....	180	470
Pressure change during test (Maximum minus Minimum).....	75	85
Was pressure change an increase or a decrease?.....	increase	increase
Test concluded		
Well closed at (hour, date): 10:00 a.m. 3-19-65	Total time on Production	
Oil Production	Gas Production	
During Test: - bbls; Grav. -	During Test - MCF; GOR -	
Remarks From prior fluid level: casing (upper zone) contains a considerable fluid.		

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 Continental Oil Company

By R. L. Gibson

By _____
Title NMOCC (3) File

Title Supervising Engineer
Date April 13, 1965

SOUTHEAST NEW MEXICO PACKER LEAKAGE TESTS

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.

- Following the completion of Flow Test No. 1, the well shall again be shut-in, 10 minutes and then be brought in on a graph as 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 sealed and no new zone shall be 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 filing office of the New Mexico Oil Conservation Commission on Southeastern New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressure readings were taken indicated thereon. In lieu of filing the above, the operator may construct a pressure versus time curve for each of the above test, indicating thereon all pressure changes which are indicated by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original charts must be permanently filed in the operator's office. Each gauge chart shall accompany the Packer Leakage Test Form when the test period ends with a gas-oil ratio test period.



