

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company		Lease State Lot 396		OFFICE CCC		Well No. 3
Location of Well	Unit 8	Sec 35	Twp 15-S	Rge 16-E	County Lea	9-39
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	Dean Permo Penn	Abandon				
Lower Compl	Dean Devonian	Oil	Pump	Tbg.	Pump	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **Dean Permo Penn Abandon 4-1-60 Dean Dev. S.I. 9:00 AM 8-21-61**

Well opened at (hour, date): **9:00 AM August 22, 1961**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	0	40
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	0	40
Minimum pressure during test.....	0	15
Pressure at conclusion of test.....	0	15
Pressure change during test (Maximum minus Minimum).....	-	25
Was pressure change an increase or a decrease?.....	-	decrease
Well closed at (hour, date): 9:00 AM August 23, 1961	Total Time On Production 24 hours	
Oil Production During Test: 43 bbls; Grav. 52.9	Gas Production During Test 5 MCF; GOR 116	
Remarks Well produced 714 barrels of water during Flow test No. 1		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): Dean Permo Penn was abandon 4-1-60		
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 During Test:..... bbls; Grav.	Gas Production During Test..... MCF; GOR.....	
Remarks		

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 **SINCLAIR OIL & GAS COMPANY**
By **[Signature]**
Title **Dist. Supt.**
Date **Sept. 1, 1961**

1. A packer leakage test shall be commenced on each multiple completion well within seven days after actual completion of the well. Such tests shall thereafter be 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 date 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 a constant rate while the other zone remains shut-in. Such tests shall be conducted until the shut-in well-head 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 for pressure stabilization as provided in paragraph 3 above.

6. Flow Test No. 2 shall be conducted through the leak test completion 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 be shut-in while the previously shut-in zone is produced.

7. Well pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges. The accuracy of this must be checked with a deadweight tester at least twice during 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 Division on an Southeast New Mexico Packer Leakage Test Form (Form No. 8), together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In the event of changes in the gauge charts, the operator may indicate on the pressure recording time at two for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressures which were taken. If the pressure chart is subsequently changed, the original chart shall be permanently filed in the case of a packer leakage test and shall accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

PRESSURE IN PSIG

