

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease State 157 #2			Well No. 22A	
Location of Well	Unit J	Sec 9	Twp 22		Rge 36	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	Jalnet		Gas	Flow	Csg.		
Lower Compl	South Eunice		Oil	Flow	Tbg.	18/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **8:30 AM September 12, 1961**

Well opened at (hour, date): 8:30 AM September 13, 1961	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	665	75
Stabilized? (Yes or No).....	X	X
Maximum pressure during test.....	665	75
Minimum pressure during test.....	260	75
Pressure at conclusion of test.....	425	75
Pressure change during test (Maximum minus Minimum).....	405	None
Was pressure change an increase or a decrease?.....	decrease	--
Well closed at (hour, date): 8:30 AM Sept. 14, 1961	Total Time On Production	24 hours
Oil Production	Gas Production	
During Test: 0 bbls; Grav. _____	During Test 366 MCF; GOR _____	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): 8:30 AM September 15, 1961	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	655	70
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	655	70
Minimum pressure during test.....	655	35
Pressure at conclusion of test.....	655	35
Pressure change during test (Maximum minus Minimum).....	None	35
Was pressure change an increase or a decrease?.....	--	Decrease
Well closed at (hour, date): 8:30 AM Sept. 16, 1961	Total time on Production	24 hours
Oil Production	Gas Production	
During Test: 12 bbls; Grav. 24.7	During Test 72 MCF; GOR 6000	
Remarks This well made 2 barrels of water during Flow Test No. 2		

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

Approved _____ 19 **61**
New Mexico Oil Conservation Commission

Operator **SINCLAIR OIL & GAS COMPANY**

By **E. R. Wood**

By _____

Title **Asst. Dist. Supt.**

Title _____

Date _____

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well and annular 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 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 the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing well-head pressure has become stabilized and for a maximum 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 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 measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least three times, 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 or Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the pressure measurements which were taken indicated thereon. In the event of using the pressure charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes 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 office. Form 1011 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

PRESSURE IN PSIG

