

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease State 157 - AMOBBS OFFICE 00011			No. 2	
Location of Well	Unit	Sec	Twp	Rge	County		
			22 South	36 East	AM 10	21 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	Salinas Gas		Gas	Flow	Csg.	---	
Lower Compl	South Danico		Oil	Flow	Tbg.	16/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 a.m. September 8, 1959

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 a.m. September 9, 1959</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>800</u>	<u>90</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>800</u>	<u>90</u>
Minimum pressure during test.....	<u>675</u>	<u>55</u>
Pressure at conclusion of test.....	<u>675</u>	<u>55</u>
Pressure change during test (Maximum minus Minimum).....	<u>125</u>	<u>35</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Well closed at (hour, date): <u>9:00 a.m. September 10, 1959</u>	Total Time On Production <u>24 Hours</u>	
Oil Production	Gas Production	
During Test: <u>None</u> bbls; Grav. <u>---</u>	During Test <u>215</u>	MCF; GOR <u>---</u>
Remarks <u>No water</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 a.m. September 11, 1959</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>770</u>	<u>40</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>770</u>	<u>40</u>
Minimum pressure during test.....	<u>770</u>	<u>20</u>
Pressure at conclusion of test.....	<u>770</u>	<u>20</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>20</u>
Was pressure change an increase or a decrease?.....	<u>---</u>	<u>Decrease</u>
Well closed at (hour, date): <u>3:00 p.m. September 11, 1959</u>	Total time on Production <u>6 Hours</u>	
Oil Production	Gas Production	
During Test: <u>2</u> bbls; Grav. <u>14.5</u>	During Test <u>75</u>	MCF; GOR <u>37,500</u>
Remarks <u>Calculated Daily Production - 8 BOPD, 2 BWPD, 100 MCFD</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

By _____
Title _____ Engineer District 1

Operator Sinclair Oil & Gas Company

By Tom Riddess

Title Daily Authorized Agent

Date September 25, 1959

SOUTHERN NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completion well within seven days after actual completion of the well, and annually thereafter 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 when 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 when production 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 tests are 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 opened at the normal rate of production while the other zone remains shut-in. This shall be continued until the flowing well-head pressure has been stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

Following completion of the test, the well shall again be shut-in and shall conform with Paragraph 5 above.

5. Flow Test No. 2 shall be conducted even though a leak was indicated during a shut-in. 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 until the previously shut-in zone is produced.

6. All pressures throughout the entire test shall be continuously measured and recorded with recording pressure gauges, the accuracy of which shall be checked with a dead weight tester at least twice, once at the beginning and once at the end of each flow test.

7. The results of the above described tests shall be filed in triplicate within 10 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission, the appropriate New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original and two copies of the pressure charts with all the deadweight pressure readings and all indicated pressures. In lieu of using the aforesaid charts, the operator may construct a pressure versus time chart on any suitable grid paper, indicating thereon all pressure readings which may be obtained from the gauges as well as all deadweight pressure readings which are taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's files. Form 111 shall also accompany the New Mexico Packer Leakage Test Form and the test period shall cover a 24-hour period test period.

