

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease State Lea 396			Well No. 2			
Location of Well F		Unit 35		Twp 102 S 4 N		Rge 06 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)	
Upper Compl Dean Ferno Pennsylvanian				Oil		Pump		Tbg.	
Lower Compl Dean Decurian				Oil		Pump		Tbg.	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 AM 8-20-62

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>6:00 AM 8-21-62</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>260</u>	<u>25</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>270</u>	<u>34</u>
Minimum pressure during test.....	<u>260</u>	<u>25</u>
Pressure at conclusion of test.....	<u>270</u>	<u>34</u>
Pressure change during test (Maximum minus Minimum).....	<u>10</u>	<u>9</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date): <u>6:30 AM 8-22-62</u>	Total Time On Production <u>24 hr</u>	
Oil Production	Gas Production	
During Test: <u>55</u> bbls; Grav. <u>530</u> ;	During Test <u>6</u> MCF; GOR <u>109</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>10:00 AM 8-22-62</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>250</u>	<u>30</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>250</u>	<u>30</u>
Minimum pressure during test.....	<u>30</u>	<u>25</u>
Pressure at conclusion of test.....	<u>34</u>	<u>30</u>
Pressure change during test (Maximum minus Minimum).....	<u>220</u>	<u>5</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date): <u>9:30 AM 8-23-62</u>	Total time on Production _____	
Oil Production	Gas Production	
During Test: <u>36</u> bbls; Grav. <u>16</u> ;	During Test <u>21</u> MCF; GOR <u>808</u>	
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 E. R. Wood

By _____
Title _____

Title DULY AUTHORIZED AGENT
Date August 30, 1962

1. *Chlorophyll a* (Chl *a*)

4. For Flow Test No. 1, one zone of the dual completion is drilled at the normal rate of penetration while the other zone is drilled at the test rate. The test shall be continued until the flow rate has stabilized and the test shall be continued for a minimum of two hours. The test shall be continued until the flow rate has stabilized and the test shall be continued for a minimum of two hours.

The results of the above-described tests shall be filed in triplicate as follows: The results of the test tests shall be filed with the operator's log; one copy of the New Mexico Oil Conservation Commission Form No. 1, New Mexico Packer Leakage Test Form Revised 11-1-58, shall be filed with the principal pressure recording gauge charts with all the readings taken at the pressure indicated thereon. In lieu of the original chart, the operator may construct a pressure versus time graph for each test, indicating thereon all pressure readings which can be reflected by the gauge charts as well as all dead-end pressures where no flow was taken. If the pressure curve is submitted, it must be permanently filed in the operator's log along with the original Packer Leakage Test Form. The test device conforms with a gas-oil ratio test period.

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