

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Sinclair Oil &amp; Gas Company</b>		Lease <b>Wimberly WN</b>			Well No. <b>4</b>	
Location of Well	Unit <b>E</b>	Sec <b>24</b>	Twp <b>25 S</b>	Rge <b>37 E</b>	County <b>Lea</b>	
	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	<b>Justis Tubb Drinkard</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg</b>	<b>None</b>
Lower Compl	<b>Justis Fusselman</b>		<b>Oil</b>	<b>Pump</b>	<b>Tbg</b>	<b>3/4</b>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1:30 P.M. May 16, 1966

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>8:00 A.M. May 17, 1966</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>561</u>	<u>40</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>615</u>	<u>125</u>
Minimum pressure during test.....	<u>561</u>	<u>40</u>
Pressure at conclusion of test.....	<u>615</u>	<u>70</u>
Pressure change during test (Maximum minus Minimum).....	<u>54</u>	<u>85</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date): <u>7:00 A.M. May 18, 1966</u>	Total Time On Production <u>23 hours</u>	
Oil Production During Test: <u>71</u> bbls; Grav. <u>38</u> ;	Gas Production During Test <u>40</u> MCF; GOR <u>563</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:30 A.M. May 19, 1966</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>615</u>	<u>292</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>615</u>	<u>292</u>
Minimum pressure during test.....	<u>25</u>	<u>270</u>
Pressure at conclusion of test.....	<u>51</u>	<u>270</u>
Pressure change during test (Maximum minus Minimum).....	<u>590</u>	<u>22</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Well closed at (hour, date): <u>6:30 A.M. May 20, 1966</u>	Total time on Production <u>21 hours</u>	
Oil Production During Test: <u>5</u> bbls; Grav. <u>39</u> ;	Gas Production During Test <u>12</u> MCF; GOR <u>2400</u>	
Remarks <u>Fusselman zone logging. Annual test.</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

Operator Sinclair Oil & Gas Company

By A. L. Smith

By \_\_\_\_\_  
Title \_\_\_\_\_

Title Tester - Oil Reports & Gas Sa  
Date May 26, 1966

SOUTHEAST NEW MEXICO PACKER L. E. TULL 1957

2. The plot of Flow Test No. 1 is in accordance with Paragraph 3 above.

7.7 Test No. 2 shall be conducted in accordance with the procedure for Test No. 1. Procedure for Test No. 2 shall be the same as for Test No. 1 except that the previously shut-in zone shall be shut-in while the previously shut-in zone is being tested.

pressures throughout the entire run. The pressure was measured and recorded with recording pressure transducer. The pressure must be checked with a deadweight tester before and once at the end of each run.

The results of the above-described tests shall be recorded on Form C-116, 10 days after completion of the tests. The test results shall be submitted to the appropriate District Office of the Bureau of Mines, in Southeast New Mexico. Each chart, together with the original pressure recording, shall be retained in the file of the test pressures which were taken. The test results shall be plotted on the charts, and the above-said charts, together with the original pressure readings which may be reflected by the gauge, shall be retained in the file of the test pressures which were taken. The original chart test be performed on Form C-116 shall also accompany the test results. The test period coincides with a gas-

1. A packer leakage test shall be commenced on each multiple completion well within seven days after actual completion of the well and thereafter as prescribed by the order authorizing the shut-in. Such tests shall also be commenced on all multiple completions within 30 days following recompletion and/or chemical or fracture treatments. If ever remedial work has been done on a well during which the packer or tubing have been disturbed, tests shall also be taken as a part of the work. Communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer test, the operator shall notify the Commission in writing of the date the test is to be commenced. Offset operators shall also be notified.
3. The packer leakage test shall commence when both zones of a well are completed are shut-in for pressure stabilization. Both zones shall be shut-in until the well-head pressure in each has stabilized for a minimum of two hours thereafter, provided however, that they are shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the dual completion shall be shut-in at the normal rate of production while the other zone is tested. The test shall be continued until the flowing wellhead pressure has stabilized and for a minimum of two hours thereafter, provided that the flow test need not continue for more than 24 hours.

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