

NEW MICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease <i>Sen 403</i> State Lea 403			Well No. 4	
Location of Well	Unit D	Sec 17	Twp 18 S	Rge 35 E	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	Vacuum Abo Reef		Oil	Art Lift	Tbg	Zone Shut in	
Lower Compl	Vacuum North Devonian		Oil	Art Lift	Tbg	24/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 A.M. April 25, 1966

Well opened at (hour, date):	<u>8:00 A.M. April 26, 1966</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			X
Pressure at beginning of test.....		<u>30</u>	<u>38</u>
Stabilized? (Yes or No).....		<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....		<u>30</u>	<u>50</u>
Minimum pressure during test.....		<u>30</u>	<u>38</u>
Pressure at conclusion of test.....		<u>30</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....		<u>0</u>	<u>12</u>
Was pressure change an increase or a decrease?.....		<u>No change</u>	<u>Increase</u>
Well closed at (hour, date):	<u>8:00 A.M. April 27, 1966</u>	Total Time On Production	<u>24 hours</u>
Oil Production	Gas Production		
During Test: <u>11</u> bbls; Grav. <u>50.4</u> ;	During Test	<u>TSTM</u> MCF; GOR	<u>--</u>
Remarks _____			

FLOW TEST NO. 2

Well opened at (hour, date):		Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X	
Pressure at beginning of test.....	Buildup pressure 8:00 A.M. April 28, 1966	<u>30</u>	<u>5</u>
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	Gas Production		
During Test: _____ bbls; Grav. _____ ;	During Test	_____ MCF; GOR	_____
Remarks <u>Annual test. Abo Reef zone is shut in and will not be produced at present.</u>			

Both zones have hydraulic pump installations.

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 <u>Sinclair Oil & Gas Company</u> By <u>A. L. Smith</u> Title <u>Tester - Oil Reports & Gas Services</u> Date <u>May 2, 1966</u>
By _____ Title _____	

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 also be commenced on all multiple completion wells within seven days following recompletion and/or chemical or fracture treatments. If ever remedial work has been done on a well during which the packer tubing have been disturbed. Tests shall also be taken at any time if 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 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 a multiple completion 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 the test shall be 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. The test shall be continued until the flowing wellhead pressure has stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

5. Completion of Flow Test No. 1 shall be reported to the Commission in accordance with Paragraph 3 above.

Flow Test No. 2 shall be conducted in accordance with Paragraph 3 above.

Flow Test No. 3 shall be conducted in accordance with Paragraph 3 above. Flow Test No. 4 shall be conducted in accordance with Paragraph 3 above.

Pressures, throughout the entire test, shall be measured and recorded with recording pressure gauges. The gauges must be checked with a deadweight tester before the test and once at the end of each test.

The results of the above-described tests shall be reported to the Commission in accordance with Paragraph 3 above.

The Commission District Office of the State of New Mexico, Southeast New Mexico Packer Leakage Test, shall be conducted with the original pressure recording gauges.

The original pressures which were taken during the test shall be reflected by the operator on the original chart.

The original chart must be accompanied by the original chart which may be reflected by the operator on the original chart.

The original chart shall also accompany the original chart which may be reflected by the operator on the original chart.

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