

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease H. S. Turner			Well No. 3	
Location of Well	Unit N	Sec 29	Twp 21S	Rge 37E	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	Blinberry (Gas)		Gas	Flow	Csg	2"	
Lower Compl	Drinkard		Oil	Flow	Tbg	32/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 AM 5-20-65

Well opened at (hour, date): 8:00 AM 5-21-65

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1160	60
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1160	80
Minimum pressure during test.....	1160	40
Pressure at conclusion of test.....	1160	50
Pressure change during test (Maximum minus Minimum).....	0	20
Was pressure change an increase or a decrease?.....	No change	Decrease
Well closed at (hour, date): <u>8:00 AM 5-22-65</u>	Total Time On Production 24 hrs.	
Oil Production During Test: <u>0</u> bbls; Grav. <u>--</u>	Gas Production During Test: <u>5</u> MCF; GOR <u>--</u>	
Remarks <u>Results of Tests indicate that packer is separating the two zones properly.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): 8:00 AM 5-23-65

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1160	40
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1160	40
Minimum pressure during test.....	40	40
Pressure at conclusion of test.....	40	40
Pressure change during test (Maximum minus Minimum).....	1120	0
Was pressure change an increase or a decrease?.....	Decrease	No change
Well closed at (hour, date): <u>8:00 AM 5-24-65</u>	Total time on Production 24 hrs.	
Oil Production During Test: <u>11</u> bbls; Grav. <u>39</u>	Gas Production During Test: <u>50</u> MCF; GOR <u>4545</u>	
Remarks <u></u>		

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

Approved _____
New Mexico Oil Conservation Commission

Operator SINCLAIR OIL & GAS COMPANY

By F. M. Singleton

By [Signature] Title Senior Engineer

Title _____ Date 5-26-65

* INSTRUCTIONS

A packer test shall be commenced on each multiple completed well within ten days after actual completion of the well and annually thereafter. The Commission may, by order authorizing the multiple completion of such test, require that the test be commenced on all multiple completions within seven days following completion of or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing has been replaced. Tests shall also be taken at any time that communication is completed 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 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 2 hours. Indicators, provided however, that they need not remain shut-in more than 2 hours.

4. For Flow Test S-1, the 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 wellhead pressure has become stabilized and a minimum of two hours thereafter, provided however, that the flow test does not continue for more than 24 hours.

and so the door is closed. So in the rear still again to shut the door.

8. The test is to be repeated at least once even though no flux was obtained during the first test. Flow Test No. 2 is to be by same method as the first test. The previously produced zone shall re-appear if the test is repeated and no zone is produced.

During the test, shall be continuously monitored by pressure gauges, the accuracy of which shall be checked by a deadweight tester at least twice during the test. The pressure of each flow test.

8. The test results of the distributed tests shall be filed in triplicate within 15 days of the completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission. The test results of the Packer Leakage Test Form Revised 11-1-58, together with the test results of the recording gauge charts with all the deadweight test results shall be taken as indicated thereon. In lieu of filing the test results, the operator may construct a pressure versus time chart by plotting thereon all pressure change versus time, and the gauge charts as well as all deadweight test results. If the pressure chart is submitted, it shall be permanently filed in the operator's office. The test results of the Packer Leakage Test Form Revised 11-1-58 shall be filed during the gas-oil ratio test period.

This image shows a full page of blank graph paper. The grid consists of large squares formed by thick black lines, with each large square further divided into a smaller grid of 10x10 units by thin grey lines. There are no markings or text on the paper.