

N MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease King NM		Well No. 1	
Location of Well	Unit L	Sec 12	Twp 23 S	Rge 36 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	Jalnat		Gas	Flow	Csg.	32/64
Lower Compl	Langlie-Mattix		Oil	Flow	Tbg.	20/64

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 5:00 P. M. 3-29-65

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>11:30 A. M. 3-30-65</u>	
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>520</u>	<u>220</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>520</u>	<u>220</u>
Minimum pressure during test.....	<u>520</u>	<u>220</u>
Pressure at conclusion of test.....	<u>520</u>	<u>20</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>200</u>
Was pressure change an increase or a decrease?.....	<u>No Change</u>	<u>Decrease</u>
Well closed at (hour, date):	Total Time On Production <u>6 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>1</u> bbls; Grav. <u>33</u> ;	During Test <u>TSM</u> MCF; GOR	
Remarks <u>Results of test indicates packer is separating the two zones properly.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>10:45 A. M. 3-31-65</u>	
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>520</u>	<u>50</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>520</u>	<u>50</u>
Minimum pressure during test.....	<u>430</u>	<u>50</u>
Pressure at conclusion of test.....	<u>430</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>90</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>No Change</u>
Well closed at (hour, date):	Total time on Production <u>21 hrs. 30 mins.</u>	
Oil Production	Gas Production	
During Test: <u>0</u> bbls; Grav. <u>- -</u> ;	During Test <u>363</u> MCF; GOR <u>- -</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

By _____
Title _____

Operator Sinclair Oil & Gas Company

By Fred Burns
Title Field Superintendent

Date 4-2-65

INSTRUCTIONS

4. For Flow Test No. 1, one 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 for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

5. Following completion of the test of Test No. 1, the well shall again be shut-in, in accordance with the instructions above.

6. Flow Test No. 1 shall be conducted even though no leak was indicated during Flow Test No. 1. 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 zone is produced.

5. All flow rates shall be determined by an orifice flow test. The entire test shall be continuously measured and recorded. In addition to the orifice flow test, pressure gauges, the accuracy of which was checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.

- 8 The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southern New Mexico Packer Leakage Test Form Revised 11-1-58, together with the pressure recording gauge charts with all the deadweight gauges used, were taken indicated thereon. In lieu of filing the above-mentioned, the operator may construct a pressure versus time curve from the test, indicating thereon all pressure changes indicated by the gauge charts as well as all dead-weight gauges used were taken. If the pressure curve is submitted, it shall be permanently filed in the operator's Office. The results of the tests shall be filed with the company the Packer Leakage Test Form when submitted together with a gas-oil ratio test period.

A full-page view of a blank sheet of graph paper. The page is covered by a uniform grid of small squares, typical of standard graph paper used for mathematics or engineering. There are no margins, text, or other markings on the page.