

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sunray Oil Company			Lease State Land #15			Well No. 3		
Location of Well	Unit 0	Sec 16	Twp 21S	Rge 13E	1962 MAY 8 PM	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	Blinsbry		Oil	Flow	Tubing	23/64		
Lower Compl	Brinkard		Oil	Flow	Tubing	23/64		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. March 15, 1962

Well opened at (hour, date): 10:00 A.M. March 16, 1962

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>750</u>	<u>1105</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>750</u>	<u>1105</u>
Minimum pressure during test.....	<u>100</u>	<u>1105</u>
Pressure at conclusion of test.....	<u>100</u>	<u>1105</u>
Pressure change during test (Maximum minus Minimum).....	<u>650</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>None</u>

Well closed at (hour, date): 10:00 A.M. 3/17/62 Total Time On Production 24 hrs

Oil Production Gas Production

During Test: 50.2 bbls; Grav. 41 ; During Test 323 MCF; GOR 6450

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 10:15 A.M. March 18, 1962

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>830</u>	<u>1105</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>925</u>	<u>1105</u>
Minimum pressure during test.....	<u>830</u>	<u>50</u>
Pressure at conclusion of test.....	<u>925</u>	<u>540</u>
Pressure change during test (Maximum minus Minimum).....	<u>95</u>	<u>1055</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>

Well closed at (hour, date): 10:00 A. M. March 19, 1962 Total time on Production 24 hrs

Oil Production Gas Production

During Test: 4.8 bbls; Grav. 41 ; During Test 31.2 MCF; GOR 6520

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 SUNRAY OIL COMPANY

By R. E. Statton

Title District Engineer

Date May 4, 1962

INSTRUCTIONS

5. No casing head of No. 1 test well shall again be shut in for a period of 48 hours after the above.
6. Flow Test No. 2 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 while the previously shut-in zone is produced.
7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be 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 Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form 11-1-58 shall accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

This image shows a full page of blank graph paper. The paper features a uniform grid of small squares, typical of standard graph paper used for mathematics or engineering. The grid covers the entire area of the page, with no margins or additional markings visible.