

Operator <b>Sunray Oil Company</b>			Lease <b>N.M. State "AS"</b>			Well No. <b>1</b>	
Location of Well	Unit <b>G</b>	Sec <b>29</b>	Twp <b>11S</b>	Rge <b>33E</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>SWD Annulus</b>		-	-	<b>5 1/2"-8 5/8" annulus</b>	-	
Lower Compl	<b>West Bagley (Perm.)</b>		<b>Oil</b>	<b>Art. Lift.</b>	<b>Csg.</b>	-	

FLOW TEST NO. 1

Csg-tbg annulus pressured

~~Both Casing and Tubing~~ Well opened at (hour, date): **9:30 A.M. 12-22-64**

Pressure bled

~~Well opened~~ Well opened at (hour, date): **2:15 P.M. 12-22-64**

~~Upper Completion~~  
**SWD Annulus**

~~Lower Completion~~  
**Csg-tbg Annul.**

Indicate by ( X ) the zone producing.....

Pressure at beginning of test..... **1150** **575**

Stabilized? (Yes or No)..... **Yes** **Yes**

Maximum pressure during test..... **1150** **575**

Minimum pressure during test..... **1150** **225**

Pressure at conclusion of test..... **1150** **225**

Pressure change during test (Maximum minus Minimum)..... **0** **350**

Was pressure change an increase or a decrease?..... **decrease**

Well closed at (hour, date): **5:25 P.M. 12-22-64**

Total Time On

Production **Pressure bled down for 3 hrs**

Oil Production

Gas Production

**15 min. on csg-tbg annulus.**

During Test: **-** bbls; Grav. **-**; During Test **-** MCF; GOR **-**

Remarks **Pressure was exerted on csg-tbg annulus by means of Kobe Pump, then released by opening csg. valve. Considering test starting when leaking valve closed.**

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		
Pressure at beginning of test.....		
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: <b>-</b> bbls; Grav. <b>-</b> ; During Test <b>-</b> MCF; GOR <b>-</b>		
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

Operator **Sunray Oil Company**

By **B.F. Brawley**

By \_\_\_\_\_

Title **District Engineer**

Title \_\_\_\_\_

Date **12-23-64**

5. Following completion of Flow Test No. 1, the well shall again be shut in, in accordance with Paragraph 3 above.

1. A packer leakage test shall be commenced within a reasonable time after completion of the well within seven days after actual completion of the well, and immediately thereafter as prescribed by the order authorizing the well. The packer leakage test shall also be commenced on all wells which are shut-in for seven days following recompletion and/or chemical treatment, in which case, if remedial work has been done on a well, the packer leakage test shall be commenced immediately after the work has been completed. Tests shall also be required on any well in which communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of a 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 notified.
3. The packer leakage test shall commence with both zones of the dual completion well shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each is stabilized and for a minimum of two hours thereafter, provided however that they need not remain shut-in more than 24 hours.
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 well-head pressure has been stabilized and for a minimum of two hours thereafter, provided however that the flow test need not continue for more than 24 hours.
5. In accordance with paragraph 3 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 Revision No. 1, together with the original pressure recording gauge charts with 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 0-116 shall also 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 grid consists of small squares formed by thin black lines. There are approximately 20 columns and 20 rows of these small squares. A thicker set of lines runs vertically down the left side of the page, creating a margin. Another thicker set of lines runs horizontally across the top of the page, below the header area. These two sets of thicker lines intersect to form a large rectangular box that occupies most of the page, leaving margins on the top, bottom, and right sides. The entire page is otherwise empty, with no text or other markings.