

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHWEST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease W. D. Grimes (NCT-A)			Well No. 15	
Location of Well	Unit N	Sec 32	Twp 18	Rge 38	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	Byers		Gas	Standing	Csg.	-	
Lower Compl	Hobbs (GSA)		Oil	Flow	Tbg.	2 1/4" 64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. 7-13-76

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>610</u>	<u>548</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>610</u>	<u>548</u>
Minimum pressure during test.....	<u>610</u>	<u>35</u>
Pressure at conclusion of test.....	<u>610</u>	<u>160</u>
Pressure change during test (Maximum minus Minimum).....	<u>-</u>	<u>-513</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>decr.</u>
Total Time On Well closed at (hour, date): <u>10:00 A.M. 7-15-76</u> Production <u>2 1/4 hrs.</u>		
Oil Production Gas Production		
During Test: <u>1 1/4</u> bbls; Grav. <u>34.4</u> ; During Test <u>101.0</u> MCF; GOR <u>2295</u>		
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:00 A.M. 7-16-76</u>		
Indicate by (X) the zone producing.....		
Pressure at beginning of test.....	<u>610</u>	<u>548</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?.....		
Total time on Well closed at (hour, date) _____ Production _____		
Oil Production Gas Production		
During Test: _____ bbls; Grav. _____; During Test _____ MCF; GOR _____		
Remarks <u>Byers Gas Standing.</u>		

Gulf Oil Corporation

I hereby certify that the information herein contained is true and complete to the best of my knowledge. Original signed by N. G. Hallmark

Approved _____ 19 _____	Operator _____
New Mexico Oil Conservation Commission	By <u>Well Tester</u>
By _____	Title _____
Title _____	Date <u>August 4, 1976</u>

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

1. A pressure leak test shall be common to each multiphase separator well within seven days after a dual completion of the well and annually thereafter as required by the order until the multiphase completion. Such test shall also be conducted on all multiphase completions within seven days following completion of a wellhead stabilization test. The test shall occur no later than 72 hours from the well being which the packer on the tubing head is to be installed. The test shall also be taken at any time that communication is requested 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. Other 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 wellhead pressure in each has 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 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.

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 no main 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 Period A 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 dead-weight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-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 paper features a uniform grid of small squares, typical of standard graph paper used for mathematics or engineering. There are no markings, text, or drawings on the page.