

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease C. E. LaMunyon			Well No. 11	
Location of Well	Unit C	Sec 27	Twp 23S	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	Teague Simpson		Oil	Gas Lift	Tubing	2"	
Lower Compl	Teague Ellenburger		Oil	Temp. Abandoned	Tubing	2"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 AM 6-23-70

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>11:00 A.M. 6-24-70</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>500</u>	<u>0</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>500</u>	<u>0</u>
Minimum pressure during test.....	<u>210</u>	<u>0</u>
Pressure at conclusion of test.....	<u>210</u>	<u>0</u>
Pressure change during test (Maximum minus Minimum).....	<u>290</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>No change</u>
Well closed at (hour, date): <u>11:00 A.M. 6-25-70</u>	Total Time On Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>49</u> bbls; Grav. <u>43.5</u> ;	During Test <u>36</u> MCF; GOR <u>735</u>	
Remarks <u>Gas lift, 21-15 minute cycles per day, 4 BWPD</u>		

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		
Pressure at beginning of test.....	<u>620</u>	<u>0</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?.....		
Well closed at (hour, date):	Total time on Production	
Oil Production	Gas Production	
During Test: bbls; Grav. ;	During Test MCF; GOR	
Remarks <u>Ellenburger zone temporarily abandoned 2-13-69. Annual packer leakage test.</u>		

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

Approved JUL 1 1970 19 230
New Mexico Oil Conservation Commission

By R. A. Desilets
Title Senior Petroleum Engineer
Date June 29, 1970

Operator Gulf Oil Corporation

By [Signature]
Title SUPERVISOR DISTRICT

1. **GETTING STARTED** 2. **CHARTER MEMBER** 3. **INSTRUCTIONS**

12. PARALLEL TESTING shall not be commented on each multiple completed test within a 24-hour period after actual completion of the test and, thereafter as prescribed by the order authorizing the multiple completion of such tests shall a change be made on all multiple completions within seven days following the completion of chemical or fracture treatment, and when ever remedial work has been done in a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that re-saturating is required or when requested by the Commission.

1. At least 72 hours prior to the commencement of any packer leakage test the operators shall notify the Commission in writing of the exact time the test is to be conducted. Office operators shall also be so notified.

20. The same is also true about dominance when both zones of the dual complement are shut off for aggressive stratification. Both zones shall remain dominant in the sense that they preserve an even but stratified and for a minimum of two generations, provided however, that they need not remain stable in the next generation.

2. If the shut-in test is performed on one of the dual completion shall be produced at 50% normal flow rate production while the other zone remains shut-in. Such test shall be run until the flowing wellhead pressure has become stabilized and flow is at least 100 bbls thereafter, provided however that the flow is at least 100 bbls for more than 14 days.

1. Following completion of the last of the above items, the Contractor shall be paid in accordance with Paragraph 4.1.10.

4. Flow test No. 2 (initial) was conducted on 1-26-68. As 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 pressure of the gas shall remain shut-in while the previous shut-in pressure is being read.

7. All pressures throughout the entire test shall be continuously measured and recorded with recording pressure gages. The accuracy of which must be checked with a deadweight tester at three points at the beginning and end of the test, and at least three points at the

5. The results of the above-described tests shall be filed in triplicate in 15 days after completion of the tests. The results shall be filed in the appropriate District Office of the New Mexico Conservation Commission on Southeast New Mexico. The original shall be filed together with the original pressure test form and the original headlight pressures which were used in the tests. The filing of the aforesaid charts, the test or may consist of a pressure versus time curve for each zone of each test indicating wherein all pressure changes which may be reflected by the test results, as well as dead-weight pressure readings must be recorded. If the original chart is submitted, the original chart must be permanently filed in the operator's office. Form 1-616 shall also accompany the "Seepage Test Form" when the test period coincides with a scheduled seepage test period.

[illegible]