

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Learcy McBuffington Justis McKee Unit			Well #12 No. #612	
Location of Well	Unit I	Sec 13	Twp 25	Rge 27	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	Justis Blinebry	Oil	Pumps	Tbg.	2" W.O.		
Lower Compl	Justis McKee	Water Inj.	*Standing	Tbg.	-		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): \_\_\_\_\_

	Upper Completion	Lower Completion
Well opened at (hour, date): _____		
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	65	915
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	90	915
Minimum pressure during test.....	0	910
Pressure at conclusion of test.....	0	910
Pressure change during test (Maximum minus Minimum).....	90	5
Was pressure change an increase or a decrease?.....	decr.	decr.
Well closed at (hour, date): _____	Total Time On Production 24 hrs.	
Oil Production During Test: 1 bbls; Grav. _____; Gas Production During Test: _____ MCF; GOR 86,000		
Remarks * Justis McKee Water Injection Zone Is Standing		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): _____		
Indicate by ( X ) the zone producing.....		
Pressure at beginning of test.....	0	905
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 During Test: _____ bbls; Grav. _____; Gas Production During Test: _____ MCF; GOR		
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 Gulf Oil Corporation  
By Original signed by J. W. Davis

By \_\_\_\_\_  
Title SUPERVISOR DISTRICT

Title Well Tester  
Date March 22, 1971

5. Following completion of Flow Test No. 1, the well shall be shut in in accordance with paragraph 4 above.

1. A packer leakage test shall be commenced on a well which has been completed within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected 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. Offset 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 well-head 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.

5. Flow Test No. 1 shall be conducted over a length of 100 feet of the well during Flow Test No. 1 Procedure for Flow Test No. 2. The same shall also be done for Flow Test No. 1 except that the previously produced gas 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 which must be checked with a deadweight tester at least once at the beginning and once at the end of each flow test.
8. The results of the above-described test shall be reported within 15 days after completion of the test. These shall be filed with the appropriate District Office of the New Mexico Division of Oil and Gas in the Southeast New Mexico Packer Leakage Test Form and shall be designated as the original pressure recording gauge charts which shall be the deadweight pressures which were taken indicated checked against the gas-oil ratio of the gas-oil ratio versus time curve for each zone at each test, indicating thereon all the changes which may be reflected by the gauge charts as well as the deadweight pressure readings which were taken. If the pressure curve is substituted the original chart must be permanently filed in the operator's office. Form C-1116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

RECEIVED

MAR 22 1971

**OIL CONSERVATION COMM.**  
**HOBBS, N. M.**



