

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease J. F. Janda (NCT-F)			Well No. 13	
Location of Well	Unit P	Sec 4	Twp 22	Rge 36	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	Jalmat		Gas	Flow	Csg.	-	
Lower Compl	South Eunice		Oil	Standing	Tbg.	-	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 A.M. 7-26-76

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:30 A.M. 7-27-76</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>240</u>	<u>0</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>240</u>	<u>0</u>
Minimum pressure during test.....	<u>130</u>	<u>0</u>
Pressure at conclusion of test.....	<u>130</u>	<u>0</u>
Pressure change during test (Maximum minus Minimum).....	<u>-110</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>decr.</u>	<u>-</u>
Well closed at (hour, date): <u>9:30 A.M. 7-28-76</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production During Test: <u>0</u> bbls; Grav. <u>-</u>	Gas Production During Test <u>344.0</u>	MCF; GOR <u>-</u>
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:30 A.M. 7-29-76</u>		
Indicate by (X) the zone producing.....		
Pressure at beginning of test.....	<u>233</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 During Test: _____ bbls; Grav. _____	Gas Production During Test _____	MCF; GOR _____
Remarks <u>South Eunice standing.</u>		

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

Approved AUG 30 1976
New Mexico Oil Conservation Commission

Operator Gulf Oil Corporation

By Original signed by W. G. Hallmark

Signed by _____
Title _____

Title Well Tester

Date August 17, 1976

ROUTING SLIP FOR PLACING BACK LIFE AGE TEST INSTRUCTIONS

1. A packer leakage test shall be conducted on each multiple completed well within seven days after actual completion of the well, and annually thereafter as prescribed, beginning on the date of the multiple completion. Such tests shall not be conducted on all multiple completions within seven days following completion of the dual or dual zone treatment, and shall occur thereafter at least once a well following which the packer or the tubing have been set back. Tests shall not be taken at any time that completion is suspended or when required by the Department.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commissioner in writing of the exact time the test is to be conducted. Effect of notice shall also be 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 but not 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.

2. At least 72 hours prior to the commencement of any nuclear leakage test, the operator shall notify the Commissioner in writing of the exact time the test is to be commenced. Off-duty 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 has 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 5-1, the zone of the drill 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. Following completion of Flow Test No. 1, the well shall again be shut in, in accordance with Paragraph 3 above.

4. Flow Test No. 2 shall be conducted even though an 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 defined zone shall be restricted to within the previously set In zone as pushed.

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 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 or with the New Mexico Lumber League, Inc., Revised Form 58, together with the original pressure recording gauge charts with all the deadweight pressure which were taken indicated thereon. In lieu of filing the above-gaid charts, the operator may cause a pressure versus time curve for each zone of each test, indicating the gauge pressure changes which may be reflected by the gauge charts as well as the 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 58-16 shall also accompany the Lumber League test form when the test period coincides with a gas-oil ratio test period.