

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Gulf Oil Corporation</b>			Lease <b>J. A. Stuart</b>			Well No. <b>8</b>	
Location of Well	Unit <b>D</b>	Sec <b>11</b>	Twp <b>25-S</b>	Rge <b>37-E</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>North Justis - Blinbry</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg</b>	<b>25/64</b>	
Lower Compl	<b>North Justis - Tubb - Drinkard</b>		<b>Oil</b>	<b>Pump</b>	<b>Tbg</b>	<b>3/4</b>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M., 3-2-64

Well opened at (hour, date): <u>10:00 A.M., 3-3-64</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<b>X</b>
Pressure at beginning of test.....	<u>1171</u>	<u>479</u>
Stabilized? (Yes or No).....	<b>No</b>	<b>Yes</b>
Maximum pressure during test.....	<u>1259</u>	<u>479</u>
Minimum pressure during test.....	<u>1711</u>	<u>36</u>
Pressure at conclusion of test.....	<u>1259</u>	<u>36</u>
Pressure change during test (Maximum minus Minimum).....	<u>88</u>	<u>443</u>
Was pressure change an increase or a decrease?.....	<b>Inc</b>	<b>Dec</b>
Well closed at (hour, date): <u>10:00 A.M., 3-4-64</u>	Total Time On Production <u>24</u>	
Oil Production During Test: <u>52</u> bbls; Grav. <u>36.8</u>	Gas Production During Test: <u>103</u> MCF; GOR <u>1980</u>	
<b>15 BW</b>		
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>10:00 A.M., 3-5-64</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	<b>X</b>	
Pressure at beginning of test.....	<u>1275</u>	<u>456</u>
Stabilized? (Yes or No).....	<b>Yes</b>	<b>Yes</b>
Maximum pressure during test.....	<u>1275</u>	<u>456</u>
Minimum pressure during test.....	<u>213</u>	<u>419</u>
Pressure at conclusion of test.....	<u>213</u>	<u>419</u>
Pressure change during test (Maximum minus Minimum).....	<u>1062</u>	<u>37</u>
Was pressure change an increase or a decrease?.....	<b>Dec</b>	<b>Dec</b>
Well closed at (hour, date): <u>10:00 A.M., 3-6-64</u>	Total time on Production <u>24</u>	
Oil Production During Test: <u>164</u> bbls; Grav. <u>37.1</u>	Gas Production During Test: <u>206</u> MCF; GOR <u>1256</u>	
<b>10 BW</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

By \_\_\_\_\_

Operator **Gulf Oil Corporation**

By M. M. Whitaker

Title **Area Engineer**

# INSTRUCTIONS

1. A packer shall be installed on each multiply completed well within 30 days of completion of the well, and annually thereafter to determine the integrity of the multiple completion. Such tests shall be conducted within seven days following any fracture treatment, and whenever the packer or the tubing have been replaced. The test shall be taken at any time that communication between the zones can be determined by the Commission.
2. At least 24 hours before the commencement of any packer leakage test, the operator shall notify the Commission of the exact time the test is to be conducted. The Commission shall also be so notified.
3. The test shall be conducted on both zones of the dual completion. Both zones shall remain shut-in for a minimum of 24 hours after the test has been utilized and for a minimum of 24 hours after the test has been utilized and for a minimum of 24 hours after the test has been utilized.
4. For each test, a pressure curve shall be produced at the nozzle of the packer. The pressure shall stabilize before the test is conducted. The pressure shall stabilize before the test is conducted. The pressure shall stabilize before the test is conducted.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 2 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 5 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 Revised 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 deadweight pressure readings which were taken. If the pressure curve is submitted, the original charts must be permanently filed in the operator's office. Form 2-16 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

JUN 9 10 17 AM '64  
HOBBS OFFICE O.C.C.