

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Arnett-Bansay (NCT-D)		SEP 27 3 35 PM '65		Well 8
Location of Well	Unit	Sec	Twp	Rge	County		
	N	33	21-S	36-E	Lee		
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	Jalnet		Oil	Flow	Tubing	30/64"	
Lower Compl	South Eunice		Oil	Pumps	Tubing	2" WO	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9/30 AM 9-20-65

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>9-30 AM 9-21-65</u>	
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>409</u>	<u>180</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>409</u>	<u>192</u>
Minimum pressure during test.....	<u>136</u>	<u>180</u>
Pressure at conclusion of test.....	<u>136</u>	<u>192</u>
Pressure change during test (Maximum minus Minimum).....	<u>273</u>	<u>12</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Total Time On Production <u>2 1/2 hours</u>		
Well closed at (hour, date):	<u>9:30 AM 9-22-65</u>	
Oil Production	Gas Production	
During Test: <u>14</u> bbls; Grav. <u>36.1</u> ;	During Test <u>840.0</u>	MCF; GOR <u>60,000</u>
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>9:30 AM 9-23-65</u>	
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>423</u>	<u>198</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>449</u>	<u>198</u>
Minimum pressure during test.....	<u>423</u>	<u>35</u>
Pressure at conclusion of test.....	<u>449</u>	<u>35</u>
Pressure change during test (Maximum minus Minimum).....	<u>26</u>	<u>163</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Total time on Production <u>2 1/2 hours</u>		
Well closed at (hour, date):	<u>9:30 AM 9-24-65</u>	
Oil Production	Gas Production	
During Test: <u>3</u> bbls; Grav. <u>36.5</u> ;	During Test <u>229.0</u>	MCF; GOR <u>76,333</u>
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

Original Signed By:
By J. W. Davis

By _____

Title Well Tester

Title _____

Date September 27, 1965

SOUTHEAST NEW MEXICO PACKER LEAKAGE INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completed well 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 in accordance with the procedure set forth in accordance with Paragraph 1 of the order authorizing the multiple completion, and shall be shut-in in accordance with Paragraph 2 of the order.
6. Flow Test No. 2 shall be conducted in accordance with the procedure 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 test, shall be continuously measured and recorded with recognized pressure gauges, the accuracy of which must be checked with a standard test at least twice, once at the beginning and once at the end of each test period.
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 Conservation Commission on Southern New Mexico State Leasing Unit Form Revised 11-1-68, together with the original pressure and deadweight gauge charts with all the deadweight pressures which were used in recording the test. In lieu of filing the aforesaid charts, the operator may submit a pressure versus time curve for each zone of each well and a single bottom-hole pressure changes which may be reflected by the deadweight charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be submitted and filed in the operator's office. Form C-116 shall also be submitted with the Packer Leakage Test Form when the test period coincides with the gas-to-oil ratio test period.