

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company			Lease Lockhart B-11			Well No. 4	
Location of Well	Unit 6	Sec 11	Twp 21	Rge 37	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	Terry Blinebry		Oil	P	Tbg.	Open	
Lower Compl	Wantz Abo		Oil	SCF	Tbg.	Open	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:30 A.M., 2-7-66

Well opened at (hour, date): 8:30 A.M., 2-8-66

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>197</u>	<u>485</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>292</u>	<u>485</u>
Minimum pressure during test.....	<u>197</u>	<u>316</u>
Pressure at conclusion of test.....	<u>292</u>	<u>316</u>
Pressure change during test (Maximum minus Minimum).....	<u>95</u>	<u>169</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>8:30 A.M., 2-9-66</u>	Total Time On Production <u>24 hours</u>	
Oil Production During Test: <u>6</u> bbls; Grav. <u>37</u> ;	Gas Production During Test <u>133</u> MCF; GOR <u>22.167</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): 8:30 A.M., 2-10-66

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>356</u>	<u>499</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>356</u>	<u>522</u>
Minimum pressure during test.....	<u>59</u>	<u>499</u>
Pressure at conclusion of test.....	<u>59</u>	<u>522</u>
Pressure change during test (Maximum minus Minimum).....	<u>297</u>	<u>23</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>8:30 A.M., 2-11-66</u>	Total time on Production <u>24 hours</u>	
Oil Production During Test: <u>42</u> bbls; Grav. <u>37</u> ;	Gas Production During Test <u>138</u> MCF; GOR <u>3.286</u>	
Remarks <u>No evidence of communication.</u>		

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

Approved Feb 8 1966 19 _____ Operator Continental Oil Company
New Mexico Oil Conservation Commission By R. L. Freeborn
By _____ Title Supervising Engineer
Title _____ Date February 16, 1966

SOUTHEAST NEW MEXICO PACKER LEAKS 1ST 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 well-head 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. 2 shall be conducted even though no leak was indicated during the Flow Test No. 1. The zone for Flow Test No. 2 is to be the same as for Flow Test No. 1. The zone of the previously produced zone shall remain shut-in until the zone of the Flow Test No. 2 zone is produced.
6. All packer leakage tests shall be continuously monitored by means of pressure gauges, the accuracy of which shall be checked by a deadweight tester at least twice, once at the beginning and once at the end of each flow test.
7. The results of all packer leakage tests shall be filed in triplicate within 10 days after completion of the test. Tests shall be filed with the appropriate Division of the New Mexico Oil Conservation Commission as well as with the Packer Leakage Test Form Revised 11-1-58, together with the test logs recording gauge charts with all the deadweight pressure readings taken indicating thereon. In lieu of filing the test logs, the operator may construct a pressure versus time chart for each test, indicating thereon all pressure changes and the readings of the gauge charts as well as all deadweight pressure readings taken. If the pressure curve is submitted, the test logs need not be permanently filed in the operator's office. The test logs shall be filed with the Packer Leakage Test Form when the test is completed within a gas-oil ratio test period.