

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company				Lease Britt "B"		Well No. 21	
Location of Well	Unit J	Sec 10	Twp 20	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	Weir Blinebry		Oil	P	Tbg.	None	
Lower Compl	Monument Tubb		Oil	F	Tbg.	15/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A.M., 8-16-65

Well opened at (hour, date): <u>9:00 A.M., 8-17-65</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>90</u>	<u>1335</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>90</u>	<u>1335</u>
Minimum pressure during test.....	<u>10</u>	<u>1000</u>
Pressure at conclusion of test.....	<u>10</u>	<u>1000</u>
Pressure change during test (Maximum minus Minimum).....	<u>80</u>	<u>335</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Well closed at (hour, date): <u>9:00 A.M., 8-18-65</u>	Total Time On Production	<u>24 hours</u>
Oil Production	Gas Production	
During Test: <u>77</u> bbls; Grav. <u>41</u> ;	During Test <u>858</u> MCF; GOR	<u>11,142</u>
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:00 A.M., 8-19-65</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>5</u>	<u>1340</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>30</u>	<u>1350</u>
Minimum pressure during test.....	<u>5</u>	<u>1340</u>
Pressure at conclusion of test.....	<u>30</u>	<u>1350</u>
Pressure change during test (Maximum minus Minimum).....	<u>25</u>	<u>10</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date) <u>9:00 A.M., 8-20-65</u>	Total time on Production	<u>24 hours</u>
Oil Production	Gas Production	
During Test: <u>12</u> bbls; Grav. <u>39</u> ;	During Test <u>14.2</u> MCF; GOR	<u>1,183</u>
Remarks <u>No evidence of communication was observed during test.</u>		

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

Approved _____ 19____ Operator Continental Oil Company
New Mexico Oil Conservation Commission By R. L. Freeman
By _____ Title Supervising Engineer
Title _____ Date September 7, 1965

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each newly completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the well's 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 date the test is to be commenced. Offset operators 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 No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Flow 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. Following completion of Flow Test No. 1, the well shall be shut-in in accordance with Paragraph 2 above.
6. Flow Test No. 2 shall be conducted even though the well was shut-in during Flow Test No. 1. Procedure for Flow Test No. 2 shall be the same as for Flow Test No. 1 except that the previously shut-in zone shall be the main shut-in while the previously shut-in zone is produced.
7. All pressures throughout the entire test shall be measured and recorded with recording pressure gauges, which must be checked with a deadweight tester at least beginning and at the end of each flow test.
8. The results of the above-described tests shall be reported to the appropriate District Office of the New Mexico State Oil and Gas Commission within 10 days after completion of the test. The report shall be submitted together with the original pressure recording gauge charts and deadweight pressures which were taken indicating thereon the date and time for each zone of each test, indicating any changes which may be reflected by the gauge charts as well as the deadweight pressure readings which were taken. If the pressure recording charts and original charts must be permanently retained by the District Office, Form 0-118 shall also accompany the Packer Leakage Test Report when the test period coincides with a gas-oil ratio test period.

SEP 8 1 32 PM '65