

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator		Continental Oil Company			Lease		Lockhart B-11		Well No.		10		
Location of Well		Unit	H	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		Drinkard				Oil		P		Tbg.		Open	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 A.M., 1/30/67

Well opened at (hour, date):	<u>9:30 A.M., 2/1/67</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			<u>X</u>
Pressure at beginning of test.....		<u>310</u>	<u>565</u>
Stabilized? (Yes or No).....		<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....		<u>312</u>	<u>565</u>
Minimum pressure during test.....		<u>310</u>	<u>71</u>
Pressure at conclusion of test.....		<u>312</u>	<u>71</u>
Pressure change during test (Maximum minus Minimum).....		<u>2</u>	<u>494</u>
Was pressure change an increase or a decrease?.....		<u>Inc.</u>	<u>Dec.</u>
Well closed at (hour, date):	<u>9:30 A.M. 2/2/67</u>	Total Time On Production	<u>24 hours</u>
Oil Production		Gas Production	
During Test:	<u>15</u> bbls; Grav. <u>36</u>	During Test	<u>261</u> MCF; GOR <u>17,400</u>
Remarks	<u>Note: Both Strings of rods hung on one beam.</u>		

Not possible to pump during this survey.

FLOW TEST NO. 2

Well opened at (hour, date):	<u>9:30 A.M., 2/3/67</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>	
Pressure at beginning of test.....		<u>314</u>	<u>571</u>
Stabilized? (Yes or No).....		<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....		<u>293</u>	<u>582</u>
Minimum pressure during test.....		<u>21</u>	<u>571</u>
Pressure at conclusion of test.....		<u>21</u>	<u>582</u>
Pressure change during test (Maximum minus Minimum).....		<u>293</u>	<u>11</u>
Was pressure change an increase or a decrease?.....		<u>Dec.</u>	<u>Inc.</u>
Well closed at (hour, date)	<u>9:30 A.M. 2/4/67</u>	Total time on Production	<u>24 hrs.</u>
Oil Production		Gas Production	
During Test:	<u>1</u> bbls; Grav. <u>39</u>	During Test	<u>2</u> MCF; GOR <u>2,000</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 _____ 19 _____
New Mexico Oil Conservation Commission

Operator Continental Oil Co.

By SIGNED: R. L. FREEBORN

By _____
Title NMOCC (3) file

Title Supervising Engineer

Date 2/8/67

SOUTHEAST NEW MEXICO PACKER

Following completion of Flow Test No. 1, the well shall again be shut-in and tested with Paragraph 3 above.

2. A packer leakage test shall be commenced on a well within seven days after actual completion of the well and thereafter as prescribed by the order authorizing the test. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical stimulation. If the well has been shut-in for more than 72 hours and remedial work has been done on a well during which the packer or tubing have been disturbed, Tests shall also be taken if communication is suspected or when requested by the Commission.
3. At least 72 hours prior to the commencement of a packer leakage test the operator shall notify the Commission in writing. The packer leakage test is to be commenced. Offset operators shall also be so notified.
4. The packer leakage test shall commence when the well is shut-in after completion and shall continue until the well is shut-in for a minimum of two hours thereafter, provided however that the well shall be shut-in until the well-head pressure in each well stabilized for a minimum of two hours thereafter, provided however that the well shall be shut-in more than 24 hours.
5. For Flow Test No. 1, one zone of the dual completion shall be shut-in at the normal rate of production while the other zone is shut-in. The test shall be continued until the flowing well is shut-in, the well is stabilized and for a minimum of two hours thereafter. The test shall continue that the flow test need not continue for more than 24 hours.

Flow Test No. 2 shall be conducted even though no leak was indicated in 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 re-appear when the previously shut-in zone is produced.

5. "Testings throughout the entire test shall be continuously observed and recorded with recording pressure gauges, the accuracy of which shall be checked with a deadweight tester at least twice, once at the beginning and at the end, of each flow test.

The results of the above-described tests shall be filed in triplicate 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 individual readings which were taken indicated thereon. In lieu of filing the original charts, the operator may construct a pressure versus distance graph for each zone of each test, indicating thereon all pressure readings which may be reflected by the gauge charts as well as all dead-end pressure readings which were taken. If the pressure curve is suitable, the pressure chart must be permanently filed in the operator's files. The pressure chart shall also accompany the Packer Leakage Test Form and the test report coincides with a gas-oil ratio test period.

[illegible]