

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

| | | | | | | | | | | |
|------------------|---------------------------|-------------------------|-----|---------------------------|-------------------------------|---------------------------|---------------|------------|------------|--|
| Operator | | Continental Oil Company | | | Lease | | Lockhart B-11 | | Well No. 4 | |
| Location of Well | Unit | Sec | Twp | Rge | County | | | | | |
| | C | 11 | 21 | 37 | 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 | F | Tbg. | | 17/64 | | |
| Lower Compl | Wantz Abo | | | Oil | F | Tbg. | | 20/64 | | |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 A. M., 1-27-64

Well opened at (hour, date): 11:00 A. M., 1-28-64 Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 952 448

Stabilized? (Yes or No)..... No No

Maximum pressure during test..... 978 448

Minimum pressure during test..... 952 97

Pressure at conclusion of test..... 978 97

Pressure change during test (Maximum minus Minimum)..... 26 351

Was pressure change an increase or a decrease?..... Increase Decrease

Well closed at (hour, date): 11:00 A.M., 1-29-64 Total Time On Production 24 Hours

Oil Production Gas Production

During Test: 71 bbls; Grav. 40 ; During Test 104 MCF; GOR 1,465

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 11:00 A.M., 1-30-64 Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 994 396

Stabilized? (Yes or No)..... Yes No

Maximum pressure during test..... 994 516

Minimum pressure during test..... 315 396

Pressure at conclusion of test..... 315 516

Pressure change during test (Maximum minus Minimum)..... 679 120

Was pressure change an increase or a decrease?..... Decrease Increase

Well closed at (hour, date) 11:00 A. M., 1-31-64 Total time on Production 24 Hours

Oil Production Gas Production

During Test: 124 bbls; Grav. 41 ; During Test 121 MCF; GOR 976

Remarks No evidence of communication was observed.

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

Approved _____ 19 1964 Operator Continental Oil Company
 New Mexico Oil Conservation Commission By R. L. Stebbins
 By _____ Title Supervising Engineer
 Title _____ Date February 10, 1964

SOUTHEAST NEW MEXICO PACKER LEAKAGE TESTING REGULATIONS

1. A packer leakage test shall be commenced on a well which has been completed well within seven days after actual completion of the well and annually thereafter as prescribed by the order authorizing the well. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fluid treatment, and whenever remedial work has been done on a well causing a leak in the packer or the tubing have been disturbed. Tests shall also be made at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of a packer leakage test the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall file the same notification.
3. The packer leakage test shall commence at the normal rate of the dual completion are shut-in for pressure stabilization. The well shall remain shut-in until the well-head pressure in each zone has stabilized for a minimum of two hours thereafter, provided however that the well 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 reservoir 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 again be shut-in in accordance with paragraph 3 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 15 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 chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

FEB 12 1964