

This form is not to be used for recording packer leakage tests in Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Exxon Company, U.S.A.			Lease New Mexico State			Well No. 38
LOCATION OF WELL	Unit E	Sec. 2	Twp. 22S	Rge. 37E	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 Completion	Wantz Abo		Oil	Flowing	Tbg	32/64"
Lower Completion	Wantz Granite Wash		Oil	Pumping	Tbg	---

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1030 hrs 4/21/87

Well opened at (hour, date): 0930 hrs 4/22/87

	Upper Completion	Lower Completion
Indicate by (X) the zone producing	X	
Pressure at beginning of test	105	50
Stabilized? (Yes or No)	No	Yes
Maximum pressure during test	105	60
Minimum pressure during test	40	50
Pressure at conclusion of test	40	60
Pressure change during test (Maximum minus Minimum)	65	10
Was pressure change an increase or a decrease?	Decrease	Increase

Well closed at (hour, date): 1130 hrs 4/23/87 Total Time On Production 26 hrs

Oil Production During Test: _____ bbls; Grav. _____ Gas Production During Test: _____ MCF; GOR _____

Remarks: _____

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>1200 hrs 4/24/87</u>		
Indicate by (X) the zone producing		X
Pressure at beginning of test	140	60
Stabilized? (Yes or No)	Yes	Yes
Maximum pressure during test	140	60
Minimum pressure during test	140	30
Pressure at conclusion of test	140	30
Pressure change during test (Maximum minus Minimum)	Zero	30
Was pressure change an increase or a decrease?	---	Decrease

Well closed at (hour, date): 1000 hrs 4/25/87 Total Time On Production 22 hrs
 Oil Production During Test: 12.0 bbls; Grav. 40.2 Gas Production During Test 11 MCF; GOR 917

Remarks: _____

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

Approved JUN 8 1987 19 _____
 New Mexico Oil Conservation Division
 ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT I SUPERVISOR
 By _____
 Title DISTRICT I SUPERVISOR

Operator EXXON CO. USA
 By Bruce R. Bellingham
 Title ENGINEERING SUPERVISOR
 Date 5/28/87

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST 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 Division.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Office operation 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 wellhead 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. 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 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 Division on Southeast New Mexico Packer Leakage Test Form Revised 11-01-58, 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 assumed, the original chart must be permanently filed in the operator's office. Form C-116 shall accompany the Packer Leakage Test Form when the test period coincides with a gauged test period.

