This form is not to be used for reporting

Lower

Completion

Hour, Date, Shut-In

NEW MEXICO OIL CONSERVATION DIVISION

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packer leakage tests Revised June 10, 2003 NORTHWEST NEW MEXICO PACKER LEAKAGE TEST in Southeast New Mexico Lease Name NEBlanco unit No. 335 Operator (Lea)On Location Of Well: Unit Letter Sec 25 Twp 31N Rge W API # 30-039 - 27808 Name of Reservoir or Pool Type of Prod. Method of Prod. Prod. Medium (Oil or Gas) (Flow or Art. Lift) (Tbg. Or Csg.) Upper Dicture Clipp Dow Casines Completion Lower Art. lift akota Completion **Pre-Flow Shut-In Pressure Data** Length of Time Shut-In Hour, Date, Shut-In SI Press. Psig Stabilized? (Yes)or No) Upper 10:00 Am, 4-21-15 7 days 45 min. 252 Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. Psig Lower Stabilized? (Yes)or No) days 45 min 10:00 AM 4-21-15 Completion Flow Test No. 1 Zone producing (Upper or Lower): Commenced at (hour, date)* 10:50 AM 4-28-15 Lapsed Time Pressure Prod. Zone Remarks Time Upper Compl. Since* Lower Compl. (Hour, Date) Temp. 14:07, 4.28-15 3hrs 17min. OIL CONS. DIV DIST. 3 MAY 0 1 2015 Production rate during test Oil: BOPD based on Bbls. In Hrs. orifice Gas: 60 MCFPD; Test thru (Orifice) or Meter): Mid-Test Shut-In Pressure Data Hour, Date, Shut-In SI Press. Psig Stabilized? (Yes or No) Upper Length of Time Shut-In Completion

(Continue on reverse side)

Length of Time Shut-In

OIL CONS. DIV DIST. 3

Stabilized? (Yes or No)

SI Press. Psig

MAY 01 2015

			Flow Te	st No. 2			
Commenced at (hour, date)**				Zone producing (Upper or Lower):			
Time	Lapsed Time		essure	Prod. Zone	Remarks		
(Hour, Date)	Since**	Upper Compl.	Lower Comp	I. Temp.			
						-	
	4-					- a	
			-				
Production rate	during test						
Oil:BOPD based onBbls. In			Bbls. In	Hrs	Grav	GOR	
Gas:	MCFI	PD; Test thru (Ori	fice or Meter):				
Remarks:							
hereby certify	that the informa	tion herein contai	ned is true and	complete to the best	of my knowledge		
Approved		5/10.	20.15	Operator	Devon		
New Mexico Oil Conservation Division				_ Operator	0000		
Then interior on conservation Division				By Mat	T Basy	er a de-	
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Ву	31 91			Title	le revi or		
Title DEPUTY OIL & GAS INSPECTOR				E-mail Add	Operator Devon By Matt Basy Title Operator E-mail Address Matthew basya dun. Co		
DISTRICT #3				Deta 4-	Date 4-28-15		
		** **		Date 1	0015		

Northwest New Mexico Packer Leakage Test Instructions

- 1. A packer leakage test shall be commenced on each multiply 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. 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, provided however, that they need not remain shut-in more than seven days.
- 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 for seven days in case of a gas well and 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three 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 zone which was previously shut-in is produced.
- 7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hour tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.
- 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.
- 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 Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 11-16-98, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).