This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NEW MEXICO OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Revised June 10, 2003

Operator	WPX ENERGY	Lease Name _Rosa Unit					o. <u>185 DK/MV</u>		
Location Of V	Vell: Unit Letter_	G Sec 16 Tw	/p _ 31N _ P	Rge _ 0	6W_ API	# 30	-0 4530101		
	Name of Reservoir or Pool		Type of Prod. (Oil or Gas)			Method of Prod. (Flow or Art. Lift)		Prod. Medium (Tbg. Or Csg.)	
Upper Completion	Mesa Verd	GA5			Flow		TBG		
Lower Completion	DAKOTA	GAS			Flow		TRS		
		Pre	e-Flow Shut-	In Pre	ssure Dat	ta			
Upper Completion	Hour, Date, Shut	Length of Time Shut-In			SI Press. Psig		Stabilized? (Yes or No)		
Lower Completion	Hour, Date, Shut	Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)			
			Flow T			•		•	
Commenced	at (hour, date)*	30AM 4-10-	17			g (Up	per or Lower):	lower zone	
Time (Hour, Date)	Lapsed Time Pres		Ssure Lower Compl.		Prod. Zone Temp.		Remarks		
4-11-17 9:30 Am	24 hrs	129/129	23		70	Flow lower		rzone	
4-12-17 9:30AM	48hcs	131/13)	23		71		Flow lower zone TOST Complete		
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							OIL CONS. DIV DIST. 3		
			to provide the second					APR 19 2017	
Production rat	e during test								
Oil:	BOPD based o	nBbls	s. In	H	rs		Grav.	GOR	
Gas: 3	MCFP	D; Test thru (Orific	ce or Meter):	OR	ifice i	net	S/		
		Mic	d-Test Shut-	In Pre	ssure Dat	a			
Upper Completion	Hour, Date, Shut	Length of Time Shut-In			SI Press. Psig		Stabilized? (Yes or No)		
Lower Completion	Hour, Date, Shut-In		Length of Time Shut-In			SI Press. Psig		Stabilized? (Yes or No)	

(Continue on reverse side)

			Flow Tes	st No. 2						
Commenced a	at (hour, date)**			Zone producing (Upper or Lower):						
Time	1		essure	Prod. Zone	Remarks					
(Hour, Date)	Since**	Upper Compl.	Lower Compl	. Temp.						
						.1				
						e				
Production rate	during test				1					
Oil:	BOPD based	l on	Bbls. In	Hrs.	Grav.	GOR				
Gas:	MCFP	D; Test thru (Orit	fice or Meter):							
		one test o								
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i nereby certify	that the informat	ion nerein contain	ned is true and c	complete to the best	of my knowledge	ē.				
Approved Zo	1 Apra		20 / 7	Operator 14	Operator WPX ENERSY					
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11/	17 1				1 0 /-11					
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Title	Distri	Gas Inspector	,	_ E-man Addr	E-mail Address richard. Shilath's OWP KENERY Con					
	DISTII	Cl # 0		Date 4-1	Date 4-12-17					

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).