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

## NEW MEXICO OIL CONSERVATION DIVISION

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## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Revised June 10, 2003

Operator	WPX ENERGY	Lease Na	ame Rosa	Well No. 066M DK/MV					
to ght di		e in set y				-0.0			
Location Of V	Well: Unit Letter_	F Sec 13 T	wp 31N Rge _	06W_AP	I#30-0 <u>39257</u>	47			
	Name of Res	ervoir or Pool	Type of P		Method of Prod. Prod. Medium				
		(Oil or Gas)		(Flow or Art	Lift) (Tbg. Or Csg.)				
Upper									
Completion	MV		Gas		Flow	TBG			
Lower	Ok		Gas		T1	TOC			
Completion	etion Dk		Cas		Flow	TBG			
		Pi	re-Flow Shut-In Pr	essure Da	ta ; [ ] ;	A A A			
Upper Completion	Hour, Date, Shut-In 8:30 8-11-16		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)			
Completion	0 1	. ,,,	Flow Test N	0.1					
Commenced	at (hour, date)*	3: 20 8.18	17		g (Upper)or Lov	ver): mv			
Time	Lapsed Time		essure	Prod. Zo	one Remarks	and the second s			
(Hour, Date)			Lower Compl.						
8:20 8/18	24 hrs	115	65	81		A CONTRACTOR MANAGEMENT			
8:25 8/19	48 hrs	105	73	84	7.57	12 2 2 14 physics 18			
8:20 8 120	4	89	79	80	Maria Maria	OIL CONS. DIV DIST. 3  AUG 26 2016			
8:25 8/31	96 hrs	64	80	81		AUG 20			
				61	7.5	26 2016			
8:30 813	190 hrs	57	86	81	A				
	ENG PAL	50	88	86		n a salah jiran salah sa			
Production rat	e during test					് നിന്നു പ്രസ്ത്രം വിവരം വ			
Oil: BOPD based on Bbls. In Hrs. Grav. GOR									
		D; Test thru (Orif	ice or Meter): Or	fice me	eter	v Tataki se a Bu			
3 art r		M	id-Test Shut-In Pro	essure Dat	· ·	1 Person and			
	Hour, Date, Shut-		Length of Time Shut-In		SI Press. Psig	Stabilized? (Yes or No)			
Completion			7		148	Yes should !			
Lower	Hour, Date, Shut-	Length of Time Shut-In		SI Press. Psig	Stabilized? (Yes or No)				
Completion 8:30 8-11.16			14		84	Yes the second			
			(Continue on rever	rse side)					
						To Table 1			

			Flow Test N				
Commenced	at (hour, date)**	7:25 8.25	7.16 Zoi	ne producing (U	pper or Lower:	DK	
Time	Lapsed Time		essure	Prod. Zone	Remarks		
(Hour, Date)	Since**	Upper Compl.	Lower Compl.	Temp.			1973 1 13
9:25	30 min	148	0	78	Blew well to O.	to pit. We	Il blew
9:55	1 hr	148	0	78			
10:25	1.5 hr	149	0	79			
10:50	2.0 hr	149	0	80		JAY4	
11:00	2.5 hr	149	0 / 20:	83		NJ	
11:55	3.0 hr	149	0	84			
Production rate	during test	651	*	4	21-11-	8 .6.3	
Oil:	BOPD based	d on	Bbls. In ice or Meter): _ <b>Sk</b>	Hrs	Grav.	GOR	·
Gas: O	MCFP	D; Test thru (Orif	ice or Meter): _Bk	w well to	Pit.	3.5	
	that the informat	tion herein contain	ned is true and comp				x
Approved 4	OCT		20 <i>_/6</i> _	Operator I	JPX Energ	lu	
	il Conservation I	Division					
,	101		1.5	By Cody	Meisner	of its	\$13 CS
Ву	mDusta	m	119	Title Leas	se Operator	T -	110 E.M
Title	Deputy O	il & Gas Inspe District #3	ector,		ress Cody. Ma		
				Date 8.	25.16		

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).