This form is <u>not</u> to be used for reporting packer leakage tests

NE^{**} MEXICO OIL CONSERVATION DIVISION

Page 1 Revised June 10, 2003

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

in Southeast Nev	v Mexico	MORITIVEDI I	WWW MEXICO	ACKERI	ALL PARK	AGE LEST	,
Operator XT	To Evergy			_ Lease Na	me (SOUZAles gas	Well 1 (om f) No. 60259
	Q ²	I Sec 2	O Tun NG	1 P.co	(5 ()	ADI#20.046~	60259
Location of W	CII. OIN LECTOR	<u></u>	O 1.wb 3.17	r.ge/	σω	AP1 # 30-0 <u>48</u>	-0623 7
	Name of Reservoir or Pool		Type of Prod.		Method of Prod.		Prod. Medium
			(Oil or Gas)		(FI	ow or Art. Lift).	(Tbg. Or Csg.)
Upper					7		~ , .
Completion Lower	Fruit Coal		Gas		Flow		Tubing
Completion	Picture (OLIFES_	Gas		Flow		Tubing Tubing
			e-Flow Shut-In P	ressure Da	ta		· · ·
Upper	Hour, Date, Shu		Length of Time Shut-In			Press. Psig	Stabilized? (Yes or No
Completion	900 Am 1		96 Hours		1	50	,
Lower	Hour, Date, Shu		Length of Time Shut-In		1	Press. Psig	Stabilized? (Yes or No)
Completion	406 Am 1	0-6-07	96 Hours		5	O	yes
\			Flow Test I	No. 1			
Commenced	at (hour, date)*96	0 Am 10-9-0	Zo	ne producin	g (Up	per or Lower):	
Time	Time Lapsed Time Pres			ssure Prod. Z		Remarks	
(Hour, Date)	Since*	Upper Compl.	Lower Compl.	Temp),		
915	15 Min	50	5			ROVD DOT 25 '09	
930	BOMIN	50	5			s same	. COMS. 210.
945	45 MID	50	2			DIST. 3	
1-10	43 /KIN	00		-			
1000	1 How	50	Ö				
1100	2 Hour	50	0				
1200	3 Hong	50	0				
Production rate	e during test						
Oil:	BOPD based of	onBbl	s. In Hrs		Grav		GOR
Gas:	2 MCFI	PD; Test thru (Orif	ice or Meter):	n eter			
		Mi	d-Test Shut-In P	ressure Da	ta		
Upper Completion	Hour, Date, Shu	t-In 6-09	Length of Time Shut-In 96 Hours			ress. Psig	Stabilized? (Yes or No)
Lower	Hour, Date, Shu	t-In	Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)
01-4:	1200		- η <u>μ</u>		50		Vac

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER LEAKACT TEST

Flow Test No. 2

Commenced a	it (hour, date)**	1200 10-11	.09	Lone producing (UI	pper or Lower):				
Time	Lapsed Time	Pre	<u>ssure</u>	Prod. Zone	Remarks				
(Hour, Date)	Since**	Upper Compl.	Lower Compl.	Temp.					
1215	15 MO	15	50						
1230	30 14:20	10	50		-				
1245	45 Mis	5	50						
100	1. Hour	5	50						
200	2 Hour	5	50			,			
300	3 Hour	5	50						
Production rate during test Oil: BOPD based on B			Rhle In	Hrs	Grav	GOR			
Gas:		D; Test thru (Ori:			Giuv.				
Remarks:		2, 1000 mm (0x1)		7,, -, -, -,					
I hereby certify	that the informa	tion herein contai	ned is true and co	omplete to the best	of my knowledge.		,		
Approved	OCT 2'		20	Operator <u>X</u>	TO Every	······································			
	oil Conservation I	Division		- 0	0				
Falga. Roll				By Barce	By Bouce W Frantz				
Ву				Title Lea	Operator XTO Every Y By Bouce W Frant 2 Title Lease operator				
					- 1	41			

Date 10-11-09
Northwest New Mexico Packer Leakage Test Instructions

E-mail Address

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.

Deputy Oil & Gas Inspector,

District #3

- 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).