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

NEW MEXICO OIL CONSERVATION DIVISION

Page 1

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Revised June 10, 2003 4

Operator 🗡	TO Enera	AV INC			Lease Na	me 🚜	Phrame GAS	Well Com No. 5 #/	
		I Sec 2	9_Twp @		•				
	Name of Res	Type of Prod. (Oil or Gas)			Method of Prod. (Flow or Art. Lift)		Prod. Medium (Tbg. Or Csg.)		
Upper Completion	Fruitland	Gns			Flow		7ha		
Lower Completion	Pictured	GAS			Flow		Tha		
*		Pro	e-Flow Shut-	In Pr	essure Da	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)*	30 Pm 11-6-	06	Zone	producin	g (Up	per or <u>Lower</u>):	Pictured Cliffs	
Time (Hour, Date)	Lapsed Time Since*	Pre Upper Compl.	ssure Lower Com		Prod. Z Temp	one	Remarks	TEMPER CITYS	
11:30 Alm		58	2						
10:30 Alm 11-8-06		59	6			.,,		RCVD NOV30'C OIL CONS. DIV	
10:30 A/M		59	2					D.5	
10:30 Mm 11-10-06		59	4						
10:30 H/m 11-11-06 11:00 H/m6	119,5 hrs	60	2						
71 P/m	· I	62						. , ,	
Production rate	during test	10				Test Completed.			
	BOPD based o	nBbl					Grav	GOR	
Upper Completion	Hour, Date, Shut	d-Test Shut-In Pressure Da Length of Time Shut-In			SI Press. Psig		Stabilized? (Yes or No)		
Lower Completion	Hour, Date, Shu	Length of Time Shut-In			SI Press. Psig		Stabilized? (Yes or No)		

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

			Flow Te	est No	0. 2					
Commenced a	at (hour, date)**			Zone producing (Upper or Lower):						
Time	Lapsed Time	Pre	Pressure		Prod. Zone	Remarks				
(Hour, Date)	Since**	Upper Compl.		1.	Temp.	· .				
N/A.	·									
				_						
Production rate	during test									
Oil:	BOPD base	d on D; Test thru (Ori	Bbls. In		Hrs	Grav	(3OR		
Gas:	MCFF	PD; Test thru (Ori	fice or Meter):							
Remarks:			•	•						
I hereby certify		tion herein contai	ned is true and	comj	plete to the best	of my knowle	dge.			
Approved	NOV 3 0	ZUU6	20		Operator	XTO Ena	CAN TH	10		
	il Conservation I	Division					197 -			
	_		•		Operator XTO Energy Inc By Costale Z Title Production Foreman					
By//	Manue				Title Pro	aduction	Fon	eman		
Title	EPUTY OIL & GAS I	NSPECTOR, DIST. &		_ 				choenergy.com		
					Date//	1-15-06	ó			

- 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 est, the operator shall notify the Division in writing of the exact time the est 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 nowever, that they need not remain shut-in more than seven days.
- 1. 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 thut-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 eakage 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.
- 1. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 5 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).