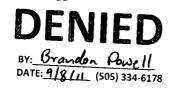
This form is not to be used for reporting packer leakage tests in Southeast New Mexico

Oil Conservation Division

Northwest New Mexico Packer-Leakage Test

Page 1 Revised June 10, 2003

Operator BR				Leas	Lease Name SAN JUAN 27-5 UNIT					Well No. 34			
Location of Wel	ii: Unit	Letter	М	Sec	30	Twp	027N	Rg	je	005W AF	기#	30-039-068	869
	Name of Reservoir or Pool			Type of Prod				Method of Prod			Prod Medium		
Upper Completion	PC				Gas				Flow			Tubing	
Lower Completion	MV			Gas				Artificial Lift			Tubing		
					Pre-Flow	Shut-In P	ressu	re Data					
Upper Completion	Hour, Date, Shut-In 8/4/2011 11:05:00 AM			Length of Time Shut-In 167 hours				SI Press. PSIG			Stabilized?(Yes or No) Yes		
Lower Completion	Hour, Date, Shut-In 8/4/2011 11:05:00 AM			Length of Time Shut-In 118 hours				SI Press. PSIG			Stabilized?(Yes or No) Yes		
					-	ow Test I	Ma 4						
Commenced a	nt: 8/9	9/2011 9	9:59:00 A	 M	FI			oducing	Upper	or Lower): L	OWE	R	
Time Lapsed Tii (date/time) Since*			ļ	PRE Jpper zone	SSURE Lower	zone	Prod Zone Temperature		Remarks				
8/10/2011 10.40:00 AM 25			159 107			Had 20% cross of		over c	over on first day of test.				
8/11/2011 10.50·00 AM 49				143 120			Line pressure was 20psi higher at this tir Still had cross over.			ıs time.			
Production rate	during	test											
Oil:	BPOD Based on:B			Bbls. InHrs				Grav.			GOR		
Gas		МС	FPD; Te	st thru (Orifice or	Meter)							
					Mid-Teet	Shut-In P	raccii	ıra Dətə					
Upper Completion	Hour, Date, Shut-In				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			Sta	abilized?(Yes o	r No)	
					(Conti	nue on rev	verse s	side)					



communication between zones



Flow Test No. 2

Commenced a	ıt:	Zone Producing (Upper or Lower)								
Time	Lapsed Time	PRES	SURE	Prod Zone						
(date/time	e) Since*	Upper zone	Lower zone	Temperature		Remarks				
1										
Production rate Oil:	during test BPOD Based on:	Bbls. In	Hrs.	C	Grav.	GOR				
	MCFPD; Test									
Remarks:										
	I to test as per Brandon Po	wel.	*******							
	, to toot at por Brandon i o									
			une			The state of the s				
I hereby certify	that the information herein	contained is true	and complete	to the best of	my knowledge.					
Approved:		.	Opera	tor: BR						
New M	DENIEL)		Kyle Smith						
Dv.			_							
By:	BY: (505) 334-61	78	Title: _	Multi-Skilled	Operator					
Title:		•	Date:	Friday, Augus	st 26, 2011					

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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.
- 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 the case of a gas well and for
- 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 lack of a pipeline connection the flow period shall be three hours

- 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 hours 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 conclusion of each flow period. 7-day tests: 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

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 Fest Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only)

Following completion of Flow Test No 1, the well shall again be shut-in, in accordance with Paragraph 3