API#

30-039-07058

STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## **OIL CONSERVATION DIVISION**

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator B	BURLINGTON RESOURCE	ES OIL & GAS CO.		Lease	SAN JUAN 28	-6 UNIT	·	Well No. 68
Location								
of Well:	Unit L Sect	13 Twp.	027N	Rge.	006W	County	RIO ARRIBA	
	NAME OF	RESERVOIR OR POO	L	Т	YPE OF PROD.	METH	OD OF PROD.	PROD. MEDIUM
					(Oil or Gas)	(Flov	v or Art. Lift)	(Tbg. or Csg.)
Upper Completion	PICTURED CLIFFS				Gas	Flow		Tubing
Lower Completion	MESAVERDE	MESAVERDE			Gas	ı	Flow Tubing	
	I	PRE-F	LOW SHUT-IN	N PRESS	URE DATA			
Upper Hour, date shut-in Length of time shut-in		SI press. psig Stabilized? (Y			Stabilized? (Ye	s or No)		
Completion	6/22/2006	144 Ho	ours	129				
Lower								
Completion	6/22/2006	96 Ho	urs		255			
			FLOW TE	EST NO.	1			
Commenced	nced at (hour,date)* 6/26/2006				Zone producing	(Upper or	Lower) LO\	NER
TIME	LAPSED TIME	PRES	SSURE		PROD. ZONE			
(hour,date)	SINCE*	Upper Completion	Lower Comp	letion	tion TEMP		REMARKS	
6/27/2006	120 Hours	131	111			mv on	mv online@10:15am	
6/28/2006	144 Hours	132 104		M 44 - 4 Printers 10 - 10 - 10		@11:47 am		
						pc on	@ 11:05 20%cu	ırve met
						<del></del>		A Child II The
						<del>                                     </del>		JUL 2006
							11/2	- Re Si
Production rate	e during test				j		E CONTRACTOR	
Oil BOPD based on		Bbls. in		Hours	Hours. Grav.			GOR.
Gas:		MCFPD; Tested thru (	Orifice or Mete	:r):				
			James of Mich				<del></del>	
	,		TEST SHUT-IN	PRESS	URE DATA			
Upper Completion	Hour, date shut-in	Length of time shut-in		SIp	SI press. psig		Stabilized? (Yes or No)	
Lower Completion	Hour, date shut-in	Length of time shut-in		SI p	SI press. psig		Stabilized? (Yes or No)	
5343302 307			(Continue on	reverse s	side)	<u>.</u>		

## FLOW TEST NO. 2

Commenced at (hour, da	ite)**		Zone producing (Upper or Lower):					
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE	OF MARKS			
		Upper Completion	Lower Completion	TEMP.	REMARKS			
				1				
	<u></u>							
	1							
Production rate du	ring test							
Oil:	BC	OPD based on	Bbls. in	Hours	Grav. GOR			
Gas:		МСГРІ	D: Tested thru (Or	ifice or Meter):				
Remarks:								
I hereby certify tha	at the information her	ein contained is true	and complete to t	he best of my knowled	ge.			
			•	•				
Approved	JUL 192	<b>006</b> 19	9	Operator Burling	ton Resources			
New Mexico O	il Conservation Divi	sion						
,	1			ByPhílana Thompson				
Ву//	Manue	ra		Title Regulatory Analyst				
Title <b>REPUTY O</b>	L & GAS INSPECTO	R, DIST. 💋		Date Monday, Jul				

## NORTHWEST NEWMEXICO 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.
- 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.
- 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.
- 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 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.
- 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 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).