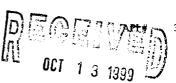
STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION



30-039-23054

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST III. D

									**************************************	Well	
perator B	URLINGTON RESOURCES OIL & GAS CO.					Lease LA JARA CANYON				No 1R	
cation Well:	Unit	М	Sect	10 Twp.	029N	Rge.	005W	County	RIO ARRIBA		
				ESERVOIR OR POOL		T	PE OF PROD.	METH	IOD OF PROD.	PROD. MEDIUM	
							(Oil or Gas)	(Flo	w or Art. Lift)	(Tbg. or Csg.)	
Upper Completion	PICTURED CLIFFS						Gas		Flow	Tubing	
Lower Completion	MES	SAVER	DE				Gas	Flow Tul		Tubing	
	1			PRE-F	LOW SHUT-IN	PRESS	URE DATA		· · · · · · · · · · · · · · · · · · ·	 	
Upper	Hour, date shut-in			Length of time shut-	SI press. psig			Stabilized? (Yes or No)			
Completion		5/28/99		120 Hours		395					
Lower Completion	5/28/99		1/99	72 Hours		418					
					FLOW TES	T NO.					
Commenced	d at (hour,date)*			5/31/99			Zone producing (Upper or Lower)			WER!	
TIME		LAPSED TIME		PRESSURE			PROD. ZONE			/	
(hour,date)		SIN	CE*	Upper Completion	Lower Completion		ТЕМР	REMARKS			
6/1/99	96 Hours		lours	399	311			Turne	Turned MV on.		
6/2/99	120 Hours		-lours	406	193			M∨fl	owed 82 MCF.		
								MVfl	owed 61. Turne	ed on PC.	
						<u> </u>					
oduction rat	e durin	g test									
il:	BOPD based on			Bbls. in		Hours.		Grav.		GOR	
				MCFPD; Tested thru (Orifice or Meter	-)-					
as:				MCFFD; Tested tilti	CHIECOL MICEO	·/· –					
				MID-	TEST SHUT-IN	PRES	SURE DATA				
Upper Completion	Hour, date shut-in			Length of time shut-in		SI press. psig			Stabilized? (Yes or No)		
Lower	Hour, date shut-in		shut-in	Length of time shut-in		SI	SI press. psig		Stabilized? (Yes or No)	

(Continue on reverse side)

FLOW TEST NO 2

Commenced at (hour, d	ate)**	· · · · · · · · · · · · · · · · · · ·		Zone norduning (Universe)					
	· · · · · · · · · · · · · · · · · · ·			Zone producing (Upper or Lower):					
TIME (hour, date)	LAPSED TIME SINCE **	Upper Completion	SURE Lower Completion	PROD. ZONE TEMP.	REMARKS				
Production rate du	ring test								
Oil:	BC	PD based on	Bbls. in _	Hours	Grav GOR				
Gas:		MCFPI): Tested thru (Orif	ice or Meter):					
									
		··-							
	of the information her			e best of my knowledg					
			·	Operator Burlingto	on Resources				
	il Conservation Divis		1	By Mars &	an				
By	IAL SIGNED BY CHA	ukue). Perm	·	Title <u>Operations A</u>	ssociate				
Title	ITY OIL & GAS INSI	PECTOR, DIST. #8		DateTuesday, June 15, 1999					

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test snall 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 Tes 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 mestionable test data.
- 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).