STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to

he used for reporting packer leakage tests

in Southeast New Mexico

OIL CONSERVATION DIVISIO

AUG 2000

30-045-10060

API#

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Well BURLINGTON RESOURCES OIL & GAS CO. 7 Operator Lease THOMPSON No. Location of Well: Twp. Unit М Sect 34 031N Rge. 012W County SAN JUAN NAME OF RESERVOIR OR POOL TYPE OF PROD. METHOD OF PROD. PROD. MEDIUM (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.) Upper **MESAVERDE** Gas Flow Tubing Completion Lower DAKOTA Gas Flow Tubing Completion PRE-FLOW SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in SI press. psig Stabilized? (Yes or No) Completion 6/3/00 72 Hours 575 Lower Completion 6/3/00 120 Hours 1223 FLOW TEST NO. 1 Commenced at (hour,date)* 6/6/00 Zone producing (Upper or Lower) **UPPER** LAPSED TIME TIME PROD. ZONE PRESSURE SINCE* (hour.date) Upper Completion Lower Completion TEMP REMARKS 6/7/00 275 1223 96 Hours OCD witnessed blew down dk to 300 psi 6/8/00 120 Hours 200 1223 Production rate during test Oil: BOPD based on Bbls. in Grav. GOR Hours. Gast MCFPD: Tested thru (Orifice or Meter): MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in SI press. psig Stabilized? (Yes or No) Completion Lower Hour, date shut-in Length of time shut-in Stabilized? (Yes or No) SI press. psig Completion 7420201 387 (Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):				
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE). ZONE		REMARKS	
		Upper Completion	Lower Completio	n TEI	VIP.		NEWAINQ	
							 	
							-	
						-		_,
Production rate du	ring test							
Oil:	B	OPD based on	Bbls. in	F	lours	Grav.		GOR
Gas:		MCFPI	D: Tested thru (C	Orifice or Mete	r):		· · · · · · · · · · · · · · · · · · ·	
Remarks:								
I hereby certify that	at the information he AUG 38	erein contained is true	e and complete to	the best of m	y knowledg	ge.		
Approved	AUU 9	1	9	Operator _	Burlingt	on Resources	3	
New Mexico O	Dil Conservation Div			By A	Hora 1	ages		
By	A SANGE ON TO			Title Op	erations A	ssociate		
Title	HA & GAR STORE	otor, dist. 🔊		Date Th	ursday, Aı	ıgust 24, 200	0	

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.
- 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 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 in mediately 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 OOR (oil zones only)