STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

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

2756402

OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

											Well			
Operator E	BURLINGTON RESOURCES OIL & GAS CO.							Lease HEDGES				No. <u>3</u>		
Location														
of Well:	Unit	Α	Sect	23	Twp.	031N	Rge.	012W	County	SAN JUAN				
			NAME OF	RESERVOIR	OR POO	L	Т	YPE OF PROD.	METH	IOD OF PROD.	PRO	DD. MEDIUM		
	ļ,							(Oil or Gas)	(Flo	w or Art. Lift)	(7	bg. or Csg.)		
Upper Completion	FRUITLAND							Gas		Flow		Tubing		
Lower Completion	PICTURED CLIFFS							Gas		Flow		Tubing		
					PRE-I	FLOW SHUT-IN	PRESS	SURE DATA						
Upper	Hour, date shut-in Length of time shut-in							SI press. psig Stabilize			d? (Yes or No)			
Completion	4/7/2006			120 Hours			219							
Lower Completion	4/7/2006				urs	322								
				· · · · · · · · · · · · · · · · · · ·	***************************************	FLOW TE	ST NO.	1						
Commence	d at (hour,date)* 4/10/2006						Zone producing (Upper or Lower)				WER			
TIME	LAPSED TIME			PRESSURE				PROD. ZONE						
(hour,date)	SINCE*			Upper Completion		Lower Completion		ТЕМР	REMARKS		* /			
4/11/2006	96 Hours			219 178			İ	turned on PC						
4/12/2006	120 Hours		219	9	164									
									turnec	on frt test	complete	ed Colores		
	1											<u> </u>		
; 	-													
Production rat	e during	test												
Oil		ВОРГ	based on	Bbls. in			Hours		Grav.	irav. GOR				
										-	-			
Gas:				MCFPD; Te	sted thru (Orifice or Meter	·):							
					MID	трет спін м	DDEcc	LIDE DATA						
Upper	Hour	date sh	uit_in	Length of		TEST SHUT-IN				Stabilizad2 (V	on Ma			
Completion				Length of time shut-in			SI press. psig			Stabilized? (Yes or No)				
Lower Completion	Hour, date shut-in Length of time shut-in				-in	SI press. psig Stabilized? (Stabilized? (Ye	es or No)				

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, da	ate)**		Zone producing (Upper or Lower):					
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS			
(var, unto)		Upper Completion	Lower Completio	on · · · · · · ·				
Production rate du	ring test							
Oil:	BC	OPD based on	Bbls. in	Hours	Grav GOR			
Gas:		МСҒРІ	D: Tested thru (C	Orifice or Meter):				
Remarks:								
I hereby certify tha	it the information her	ein contained is true	and complete to	the best of my knowled	ge.			
	APR 2 5 20				_			
			9	Operator Burling	ton Kesources			
	il Conservation Divis			By Mores	Lloy			
ву <u>Д.</u> V,	ilanuer	ra		Title Operations A	U Associate			
Title DEPUTY OIL &	GAS INSPECTOR,	DIST. 🐠						
1 IIIC				Date <u>Tuesday, Ap</u>	TH 10, 2000			

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 of a sufficient 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.
- 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 (vil zones only).