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

Page 1 Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operation											Well	
Of Well: Unit O Sec. 20 Twp. 26N Rgs. 006W County Rio Arriba	Operator	Meridian Oil Inc.					Lease	Sanchez A			No.	3
NAME OF RESERVOIR OR POOL Upper Completion Pictured Cliffs Gas Flow Chacra PRE-FLOW SHUT-IN PRESSURE DATA Upper Completion 3.25 94 Sdays Sdays FLOW TEST NO. 1 Commenced at (hour date) SINCE* Upper Completion LAPSED TIME (hour date) SINCE* Upper Completion PRESSURE Upper Completion LAPSED TIME (hour date) 1. Apr 2. Boar 3. Boar 4. Boar 4	Location											
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Completion								(Oil or Gas) (F		w or Art. Lift) (Tbg. or Csg.)		Csg.)
Completion Chacra Gas	Upper											
Completion Chacra	Completion	Pictured Cliffs					Gas Flow		Flow	Cs	g	
Upper Hour, date shut-in Length of time shut-in SI press, psig Stabilized? (Yes or No) Says Says Says Says Says Says Says Says	Lower											
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Lower	Completion					3	1					
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TIME									producing (Upper or Lower) Lower			
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ELOW TEST NO. 3

Commenced a	at (hour,date)**		_	Zone producing (Upper or Lower):					
TIME	LAPSED TIME SINCE**	PR	ESSURE	PROD. ZONI					
(hour.date)		Upper Completion	Lower Completion	ТЕМР.	RI	REMARKS			
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Production	rate during test								
Oil:	BOPD based on		Rhle in	Louen	Carry	COD			
Gas:			ested thru (Orifice or		Grav.				
Remarks:		Me11 <i>B</i> , 10	sica una (Office of	Meter).					
									
I hereby ce	rtify that the informa	ation herein containe	d is true and comple	te to the best of	my knowledge.				
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Approved	APR 0	7 1994	19	Operator	Meridian	i Oil Inc.			
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New Mex	cico Oil Conservatio	n Division		Ву	SUSAN DOLAN				
					OPERATIONS ASSI				
Ву	Uriginal Sig	ned by CHARLES	GHULSON	Title					
	MANUAL STREET SOLO	*	.	Í	Officer and				
Title	DEPOST OIL	& GAS INSPECTO	OK, DIST. #3	Date	PROJECT				
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NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed well within seven days after except that the previously produced zone shall remain shut-in while the zone which actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be connected on all multiple completions within seven days following recompletion and/or chemical or frac-ture 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 if 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 the 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

- 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 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 gaz 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 of 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).