STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to be used for reporting packer leakage tests in Southeast New Mexico

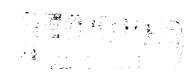
## **OIL CONSERVATION DIVISION**

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## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator 1	MERIDIAN OIL INC.		Lease	SAN JUAN	7 29-7 T	UNIT	Well No. 044A	
Location of Well:	Unit I Sect.	17 Twp. 029	N Rge.	007W	County	RIO ARRIB		
	NAME OF RI	1	1		IOD OF PROD.			
Upper Completion	MESAVERDE	GAS			w of Art. Elit)	(Tbg. or Csg.) TUBING		
Lower Completion	DAKOTA				FLOW		TUBING	
<del></del>		PRE-FLOW SI	HUT-IN PRESS	URE DATA			<u>.</u>	
Upper	Hour, date shut-in		SI press. psig Stabilized? (Yes or No)					
Completion	5-3-9	/ 3	396					
Lower Completion	5.3-9	6 = Dat	تى   ي	99				
			OW TEST NO.	1				
Commenced a	it (hour,date)*	796		Zone prod	ne producing (Upper or Lower)			
TIME	LAPSED TIME	LAPSED TIME Y PRESSURE		PROD. Z	PROD. ZONE			
(hour,date)	SINCE*	Upper Completion	Lower Completion	Completion TEMP		RE	REMARKS	
5-6-91	72	345	399					
5-7-91	96	396	a99					
5-8-91	150	396	263					
			··					
						· · · · · · · · · · · · · · · · · · ·	<u>.                                    </u>	
Production r	rate during test							
Oil:	BOPD based on	Bbls. <u>in</u>	Ноι	ırs	Gra	v	GOR	
Gas:	· · · · · · · · · · · · · · · · · · ·	MCFPD; Tested thru (C	rifice or Meter):	1.1	00			
		MID-TEST SI	IUT-IN PRESS	URE DATA				
Upper	Hour, date shut-in Length of time shut-in		<del></del>	SI press. psig			Stabilized? (Yes or No)	
Completion	1	i	ŀ					

(Continue on reverse side)



FLOW TEST NO. 2

Commenced a	t (hour,date)**			Zone producing (Upper or Lower):				
TIME	LAPSED TIME	PR	PRESSURE					
(hour,date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS			
			}					
		•						
	1	1	<del> </del>		· · · · · · · · · · · · · · · · · · ·			
				1				
						<del></del>		
				1				
	. •				Į			
Production	rate during test		· · · · · · · · · · · · · · · · · · ·					
Oil:	BOPD bas	sed on	Bbls. in	Hours.	Grav. GC	)R		
Gas:		MCFPD; To	ested thru (Orifice or	Meter):		<del>_</del>		
Remarks:								
I hereby ce	rtify that the informa	ation herein containe	d is true and comple	te to the best of m		1		
					Meridian	//		
Approved	· .	1111 1 2 100	19	Operator	/ Whilean	- 111		
	•	9 <b>06</b> 9 9 900	9		•			
New Me	kico Oil Conservatio	n Division		Ву				
	O. A.				DOLORES DIAZ			
Ву		- 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	*	Tide	OPERATIONS ASSISTAN	Ι		
	Paril	die Maria er in			<u>.</u>			
Title		•		Date	B28-96			

## 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 pineline 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.
- 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. It's 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).