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

Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Mart											Well		
Mart	Operator	Meridian Oil Inc.					_ Lease	Allison Unit			No.	12	
NAME OF RESERVOIR OR POOL COLOR TYPE OF PROD. (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.) Upper Completion Messaveride Gas Flow Csg Completion Dakota PRE-FLOW SHUT-IN PRESSURE DATA Upper Hour, date shut-in 5-14-94 5-Days 5-76 Commenced at (hour,date)* 05-19-94 TIME LAPSED TIME SINCE* Upper Completion Lower Completion 19-May 5-76 5-88 17-May 5-76 5-88 20-May 5-76 5-88 21-May 5-76	Location												
Completion	of Well:	Unit G Sec. 14 Twp. 032N						Rge. 007W			San Juan		
Upper Completion Dakota Gas Flow Tbg FRE-FLOW SHUT-IN PRESSURE DATA Upper Hour, date shut-in 5-14-94 5 Days 576 Subditized? (Yes or No) Commenced at (hour,date)* 05-19-94 Zone producing (Upper or Lower) TIME LAPSED TIME PRESSURE PRODUCTOR TEMP REMARKS 17-May 570 582 TEMP REMARKS 119-May 576 588 20-May 581 381 21-May 584 372 JUN 2 4 1994 Production rate during test Oil: BOPD based on Bbls. in Hours. Gas: MCFPD; Tested thru (Orifice or Meter): MID-TEST SHUT-IN PRESSURE DATA Subditized? (Yes or No)		NAME	NAME OF RESERVOIR OR POOL						METHOD OF PROD.		PROD. MEDIUM		
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Dakota D	Completion	Mesaverde						Gas Flo		Flow	C:	sg	
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	Completion			<u> </u>									

(Continue on reverse side)

FLOW TEST NO. 2

			1.20 1.201						
Commenced a	at (hour,date)**			Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PR	ESSURE	PROD. ZONE					
(hour.date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	RE	MARKS			
			-						
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<u></u>									
Production	rate during test					-			
Oil:	BOPD base	ed on	Bbls. in	Hours	Grav.	GOR			
Gas:	-	MCFPD; Te	ested thru (Orifice or	Meter):					
Remarks:						····			
I hereby ce	rtify that the informa	tion herein containe	d is true and complet	te to the best of my	knowledge.				
	JUN 2	1 1004			Market Atlanta				
Approved		1 1994	19	Operator	Meridian Oil	inc.			
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New Me	xico Oil Conservation	n Division	· • .	Ву	OPERATIONS ASSI	_			
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Title		THE HOLLETOR,	VI31. #3	Date	AALL BA	<i>(10)</i>			

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 shat-in while the zone which actual completion of the well, and aroundly 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-tuse treatment, and whenever remedial work has been done on a well during which the packet or the taking 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
- 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 shat-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 shat-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 shat-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 inservals 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.
- 3. 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 Aztee 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 zonce only).