

OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator MERIDIAN OIL INC. Lease SAN JUAN 27-4 UNIT Well No. 014X
Location of Well: Unit L Sect. 18 Twp. 027N Rge. 004W County RIO ARriba

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	MESAVERDE	GAS	FLOW	TUBING
Lower Completion	DAKOTA	GAS	FLOW	TUBING

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	5-7-96	64 days	669	
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	5-7-96	62 days	421	

FLOW TEST NO. 1

Commenced at (hour, date)* <u>7-9-96</u>				Zone producing (Upper or Lower)	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP	REMARKS
		Upper Completion	Lower Completion		
7-9	62 days	669	421		
7-10	63 days	669	329		
7-11	64 days	669	323		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

(Continue on reverse side)

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FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):	
TIME	LAPSED TIME SINCE**	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

Remarks: _____

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____ JUL 30 1996 _____ Operator MERIDIAN OIL, INC.

New Mexico Oil Conservation Division

By DOLORES DIAZ

By _____ Title OPERATION ASSISTANT

Title _____ Date 7-26-96

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple 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 conducted on all multiple completions within seven days following recompletion and/or chemical or mechanical treatment, and whenever remedial work has been done on a well during which the packer or completions 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 pressures 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 48 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed above atmospheric 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 on the well even though no leak was indicated during flow Test No. 1. The same as for Flow Test No. 1.

7. Pressures for each zone shall be measured with a pressure gauge as follows: 3 hours before the beginning of each flow period, at fifteen minute intervals thereafter, and at hourly intervals thereafter, including immediately prior to the flow period, at least once approximately the midway point and immediately after the flow period. Other pressures may be taken as which have previously shown questionable results.
8. The results of the above described test shall be filed in triplicate within 15 days after completion of the test. The test shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division and the 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).