

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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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator MERIDIAN OIL INC. Lease BOLIN A Well No. 2
Location of Well: Unit C Sect. 34 Twp. 029N Rge. 008W County SAN JUAN

	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	FRUITLAND SAND	GAS	FLOW	TUBING
Lower Completion	PICTURED CLIFFS	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)
	13:50 4-19-96	5 Day's	Csg. 278 Tbg. 278	
Lower Completion	13:50 4-19-96	3 Day's	294	

FLOW TEST NO. 1

Commenced at (hour, date)*		Zone producing (Upper or Lower)			
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE	REMARKS
		Upper Completion	Lower Completion	TEMP	
4-22	72 Hrs	269/256	294		opened lower zone
4-23	96 Hrs	278/278	229		
4-24	120	278/278	258		line press increased

Production rate during test

Oil: 218 BOPD based on 218 Bbls. in 15 Hours. Grav. 50.0 GOR 1.0

Gas: 1.0 MCFPD; Tested thru (Orifice or Meter): 1.0

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)

RECEIVED
JUL 30 1996
OIL CON. DIV.
DIST. 8

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):	
TIME (hour, date)	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 _____ 19 _____ Operator **MERIDIAN OIL, INC.**

New Mexico Oil Conservation Division

By **DOLORES DIAZ**

By *John Robinson*

Title **OPERATION ASSISTANT**

Title **Deputy Oil & Gas Inspector**

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 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 except that the previously produced zone shall remain shut-in while the other zone is produced.
7. Pressure for gas-zone tests must be measured on each zone with pressure gauges at time intervals as follows: 3 hours test: immediately beginning of each flow-period, at fifteen minute intervals during the first hour, and at hourly intervals thereafter, including one pressure measurement immediately prior to the flow period, at least one time during each flow period (approximately the midway point) and immediately prior to the counter flow period. Other pressures may be taken as desired, or may be so which have previously shown questionable test data.
8. 24-hour oil zone tests: All pressures, throughout the entire test, shall continuously measured and recorded with recording pressure gauges which must be checked at least twice, once at the beginning and once each test, with a deadweight pressure gauge. If a well is a gas-oil or completion, the recording gauge shall be required on the oil zone and deadweight pressures as required above being taken on the gas zone.
8. The results of the above described tests shall be filed in triplicate after completion of the test. Tests shall be filed with the Aztec District New Mexico Oil Conservation Division of Northwest New Mexico. Test form Revised 10/01/78 with all deadweight pressures indicated as the flowing temperature (gas zones only) and gravity and GOR (oil zones only).