

This form is not to
be used for reporting
packer leakage tests
in northeast New Mexico

NORTHEAST NEW MEXICO PACKER-LEAKAGE TEST

Operator SOUTHLAND ROYALTY COMPANY Lease Childers Well No. #2
Location of Well: Unit M Sec. 01 Twp. 31N Rge. 11W County San Juan
Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)
Type of Prod. Method of Prod. Prod. Medium

Upper Completion	Undesignated Fruitland	Gas	Flow	Tbg.
Lower Completion	Blanco Pictured Cliffs	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl.	Hour, date Shut-in	Length of time shut-in	SI press. T. 507 psig C. 507	Stabilized? (Yes or No)
Lower Compl.	Hour, date Shut-in	Length of time shut-in	SI press. T. 529 psig	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)*		10-20-81		Zone producing (XXXXXX) Lower	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
10-18-81		T. 492 C. 495	T. 505		
10-19-81		T. 498 C. 502	T. 519		
10-20-81		T. 507 C. 507	T. 529		
10-21-81	24 Hrs.	T. 511 C. 514	T. 441		
10-22-81	48 Hrs.	T. 519 C. 519	T. 415		

Production rate during test

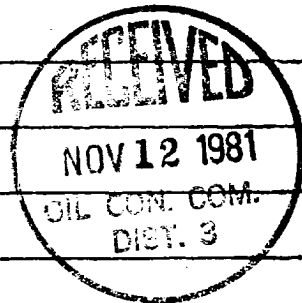
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

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

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 Compl.	Lower Compl.		



Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ 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.

NOV 12 1981

Approved: _____
Oil Conservation Division

Original Signed by CHARLES GHOLSON

Operator SOUTHLAND ROYALTY COMPANY

By James W. Smith

Title District Production Supervisor

File DEPUTY OIL & GAS INSPECTOR, DIST. 3

Date November 3, 1981

NORTHWEST TERRITORY PACKER LEAKAGE TEST INSTRUCTIONS

1. The test shall be conducted on each well, completed or not, in the oil zone, and on each well, completed or not, in the gas zone, and on each well, completed or not, in the water zone. The test shall be conducted on each well, completed or not, in the oil zone, and on each well, completed or not, in the gas zone, and on each well, completed or not, in the water zone. The test shall be conducted on each well, completed or not, in the oil zone, and on each well, completed or not, in the gas zone, and on each well, completed or not, in the water zone.

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5. The test shall be conducted on each well, completed or not, in the oil zone, and on each well, completed or not, in the gas zone, and on each well, completed or not, in the water zone. The test shall be conducted on each well, completed or not, in the oil zone, and on each well, completed or not, in the gas zone, and on each well, completed or not, in the water zone.

6. The test shall be conducted on each well, completed or not, in the oil zone, and on each well, completed or not, in the gas zone, and on each well, completed or not, in the water zone. The test shall be conducted on each well, completed or not, in the oil zone, and on each well, completed or not, in the gas zone, and on each well, completed or not, in the water zone.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 1-hour tests: immediately prior to the beginning of each flow period, or fifty-minute intervals for the first and third, and at hourly intervals thereafter, including one pressure measurement immediately prior to the beginning of each flow period. 24-hour tests: immediately prior to the beginning of each flow period, and at hourly intervals for the first and third, and at hourly intervals thereafter, including one pressure measurement immediately prior to the beginning 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, including the entire test, shall be continuously measured and recorded with recording pressure gauges, the interval of which must be recorded at least hourly, and at the beginning and end of each test, with a deadweight pressure gauge. If a well is a gas well or an oil well, and pressure in the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas 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 Arctic District Office of the Oil Conservation Division on Northwest Territories Packer Leakage Test Form Revised 10-1-78, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

