

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Southland Royalty Company Lease Wilmer Canyon Well No. 1
Location of Well: Unit M Sec. 24 Twp. 32N Rge. 8W 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 Cag.)
Upper Completion	<u>Los Pinos Fruitland</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>
Lower Completion	<u>Blanco Mesaverde</u>	<u>Gas</u>	<u>Glow</u>	<u>Tbg.</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date <u>Shut-in 4-26-80</u>	Length of time shut-in <u>72 Hrs.</u>	SI press. T.407 psig C.409	Stabilized? (Yes or No)
Lower Compl	Hour, date <u>Shut-in 4-26-80</u>	Length of time shut-in <u>72 Hrs.</u>	SI press. psig T.376	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* <u>4-29-80</u>				Zone producing (Upper Or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>4-27-80</u>		T. 342 C. 357	T. 356		
<u>4-28-80</u>		T. 378 C. 394	T. 365		
<u>4-29-80</u>		T. 407 C. 409	T. 376		
<u>4-30-80</u>	<u>24 Hrs.</u>	T. 430 C. 440	T. 303		
<u>5-1-80</u>	<u>48 Hrs.</u>	T. 446 C. 461	T. 241		

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 <u>Shut-in</u>	Length of time shut-in	SI press. nsig	Stabilized? (Yes or No)
Lower Compl	Hour, date <u>Shut-in</u>	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.

Approved: MAY 7 1980 19
Oil Conservation Division

By _____ Original Signed by FRANK T. CHAVEZ

Title _____ SUPERVISOR DISTRICT # 3

Operator Southland Royalty Company

By _____ MAY 7 1980
DIST. 3

Title _____ District Field Foreman

Date May 6, 1980

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3-hour 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 conclusion of each flow period. 7-day tests: immediately prior to the beginning of each 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-wat completion, the recording gauge shall be required on the oil zone only, with sediment pressure is required above being taken on the gas zone.

9. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. The first copy shall be filed with the New Mexico District Office of the Oil Conservation Division, and the second with the New Mexico Packer Leasing Test Form Book, Form 13, and the third copy with the pressure indicator thereon as well as the pressure indicator test form (only) and gravity and API (oil zones only). A pressure curve shall be drawn for each case of wash test shall be constructed in the pressure zone of the Packer Leasing Test Form with all points, but pressure points shall be indicated thereon. For oil zones, the pressure curve shall be plotted and all key pressure changes which may be reflected by the pressure curve charts. These key pressure changes should also be indicated on the front of the Packer Leasing Test Form.

