



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-8178

November 23, 1983

Mr. James Smith
Southland Royalty Co.
Drawer 570
Farmington NM 87499

Re: Moore #3, J-35-32N-12W ✓
Calloway #2, A-22-31N-11W

Dear Smitty,

The enclosed packer tests on the referenced wells were inconclusive in proving zone separation.

Please reschedule and retest the wells in such a manner as to prove zone separation. Shut both zones in for a minimum of three days and blow the higher pressured zone to the atmosphere for as long as it takes to get a significant pressure drop.

Please advise this office at least 24 hours prior to the tests so we may provide a witness.

If you have any questions, please contact me.

Yours truly,

Charles Gholson
Deputy Oil and Gas Inspector

CG/lh

cc: Well Files

OIL CONSERVATION DIVISION

Revised 10-1-78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator SOUTHLAND ROYALTY COMPANY Lease Moore Well No. 3

Location of Well: Unit J Sec. 35 Twp. 32N Rge. 12W County San Juan

Name of Reservoir or Pool Undesignated Fruitland Type of Prod. Gas Method of Prod. Flow Prod. Medium Casing
(Oil or Gas) (Flow or Art. Lift) (Top. or Csg.)

Upper Completion Undesignated Fruitland Gas Flow Casing
Lower Completion Blanco Pictured Cliffs Gas Flow Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl. Hour, date 9-19-83 Length of time shut-in 72 Hrs. SI press. C. 639 Stabilized? (Yes or No)
Lower Compl. Hour, date 9-19-83 Length of time shut-in 72 Hrs. SI press. T. 638 Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* 9-22-83 Zone producing XXXXXXX Lower): Lower

Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
9-20-83		C. 639	T. 638		
9-21-83		C. 639	T. 638		
9-22-83		C. 639	T. 638		
9-23-83	24 Hrs.	C. 522	T. 417		
9-24-83	48 Hrs.	C. 482	T. 387		

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 Length of time shut-in SI press. Stabilized?
Lower Compl. Hour, date Length of time shut-in SI press. Stabilized?

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: 19
Oil Conservation Division

By PACIERE LEAK

Title

Operator SOUTHLAND ROYALTY COMPANY

By James W. Smith

Title District Field Foreman

Date NOV 18 1983