



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) 334-6178

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator SOUTHLAND ROYALTY COMPANY Lease Calloway Well No. 2
Location of Well: Unit A Sec. 22 Twp. 31N Rge. 11W County San Juan

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Top. or Cag.)
Upper Completion	Undesignated Fruitland	Gas	Flow	Casing
Lower Completion	Aztec Pictured Cliffs	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	10-01-83	Length of time shut-in	72 Hrs.	SI press. psig	C. 473	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	10-01-83	Length of time shut-in	72 Hrs.	SI press. psig	T. 473	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* 10-04-83				Zone producing (XXXXXX Lower): Lower		
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks	
		Upper Compl.	Lower Compl.			
10-02-83		C. 466	T. 466			
10-03-83		C. 471	T. 471			
10-04-83		C. 473	T. 473			
10-05-83	24 Hrs.	C. 432	T. 429			
10-06-83	48 Hrs.	C. 429	T. 429			

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Tested thru (Crifice 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.			

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OIL CON. DIV
DIST. 3

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: Packer Leak 19 _____
Oil Conservation Division

By _____

Title _____

Operator SOUTHLAND ROYALTY COMPANY

By James W. Smith

Title District Field Foreman

Date NOV 18 1983