

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Merrion & Bayless Lease North Lindreth Com. Well No. 1  
Location of Well: Unit M Sec. 20 Twp. 26N Rge. 2W County Rio Arriba  
Type of Prod. Gas Method of Prod. Flow Prod. Medium Tbg.  
Name of Reservoir or Pool Pictured Cliffs (Oil or Gas) Gas (Flow or Art. Lift) Flow (Tbg. or Csg.) Tbg.

Upper Completion	Pictured Cliffs	Gas	Flow	Tbg.
Lower Completion	Mesaverde	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date	8:55 a.m.	Length of time shut-in	75 hrs.	SI press. psig	275	Stabilized? (Yes or No)	No
Lower Compl	Hour, date	8:55 a.m.	Length of time shut-in	75 hrs.	SI press. psig	925	Stabilized? (Yes or No)	No

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower):			
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone	Remarks		
		Upper Compl.	Lower Compl.	Temp.			
9 a.m. 9-2-71	24	285	310				
9 a.m. 9-3-71	48	290	330				

Production rate during test  
Oil: 160 BOPD based on MCFPD Bbls. in 1 Hrs. Grav. 1 GOR 1  
Gas: 160 MCFPD; Tested thru (Orifice or Meter): 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	Remarks		
		Upper Compl.	Lower Compl.	Temp.			

Production rate during test  
Oil: 160 BOPD based on MCFPD Bbls. in 1 Hrs. Grav. 1 GOR 1  
Gas: 160 MCFPD; Tested thru (Orifice or Meter): Meter

REMARKS:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: 3-21 1972  
New Mexico Oil Conservation Commission

By A.R. Kendrick  
Title PETROLEUM ENGINEER DIST. NO. 3

Operator Merrion & Bayless  
By Dregan Merrion  
Title Operator  
Date March 21, 1972

1. A packer leakage test shall be commenced on each multiple completion well within seven days after final completion of the well and analysis thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletions and/or chemical or fracture treatments and whenever remedial work has been done on a well during which the casing or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.

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-bore pressure in each has stabilized. It is noted, however, that they need not remain shut-in more than seven days.

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 zone which was previously shut-in is produced.

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