

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Shell Oil Company			Lease State C			Well No. 1		
Location of Well	Unit A	Sec 24	Twp 21S	Rge 35E	County Lea			
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)		Choke Size	
Upper Compl	Eumont		Gas	TA				
Lower Compl	Eumont		Oil	Flow	Tubing		32/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM, 6-25-62

	Upper Completion	Lower Completion
Well opened at (hour, date): 10:00 AM, 6-26-62		
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	654	530
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	654	530
Minimum pressure during test.....	642	116
Pressure at conclusion of test.....	642	116
Pressure change during test (Maximum minus Minimum).....	12	414
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): 10:00 AM, 6-25-62	Total Time On Production 24 hours	
Oil Production During Test: 4 bbls; Grav. 35° API	Gas Production During Test: 482.5 MCF; GOR	120,625
Remarks Gas Zone temporarily abandoned.		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):		
Indicate by ( X ) the zone producing.....		
Pressure at beginning of test.....		
Stabilized? (Yes or No).....		
Maximum pressure during test.....		
Minimum pressure during test.....		
Pressure at conclusion of test.....		
Pressure change during test (Maximum minus Minimum).....		
Was pressure change an increase or a decrease?.....		
Well closed at (hour, date):	Total time on Production	
Oil Production During Test: bbls; Grav. ;	Gas Production During Test: MCF; GOR	
Remarks		

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

Approved \_\_\_\_\_ 19\_\_\_\_\_  
New Mexico Oil Conservation Commission

By Joe V. Ramey  
Title \_\_\_\_\_

Operator Shell Oil Company

By H. B. Leach  
H. B. Leach

Title Production Foreman

Date July 5, 1962

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

... shall again be shut-

1. A packer leakage test shall be commenced on a well being completed well within seven days after actual completion of the well and shall thereafter as prescribed by the owner authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within ten days following recompletion and on completions in the treatment zone if ever remedial work has been done on a well during that time packer or tubing have been disturbed. Tests shall also be run every time when communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of a packer leakage test, the operator shall notify the Commission of the date the well and the test is to be commenced. Other parties shall be notified as follows:  
a. If the well is in a producing zone, the Commission shall be notified.  
b. If the well is in a non-producing zone, the Commission shall be notified.
3. The packer leakage test shall continue until the well is shut-in for a period of 24 hours. The well shall be shut-in until the well-head pressure in the zone being tested has decreased a minimum of two hours thereafter, provided however that the well need not be shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the completion shall be opened at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing well-head pressure has stabilized and for a minimum of two hours thereafter, provided however that the flow test need not continue for more than 24 hours.

2. At least 72 hours prior to the commencement of any of the testing, the operator shall notify the Commission in writing of the exact date the test is to be commenced. Other parties shall be notified in writing.

3. The packer is to be shut-in for a period of 24 hours after completion is shut-in for a period of 24 hours. The packer is to be shut-in until the well-head pressure is at least 100 psi less than the maximum of two hours thereafter, provided however that the packer is not shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the shut-in well shall be opened at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing bottomhole pressure has become stabilized and for a minimum of two hours thereafter. Provided however that the flow test need not continue for more than 24 hours.

the same zone shall be produced as produced

... I will be continuously  
... the accuracy of  
... I will not tolerate at the

[illegible]