

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator TEXACO, INC.			Lease C.H. LOCKHART FEDERAL NO. 1			Well No. 3	
Location of Well	Unit 0	Sec 18	Twp 22S	Rge 38E	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	TUG 3		OIL	FLOW	TUG	18/64	
Lower Compl	Packer & LINER		SHUT-IN *				

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. 6-12-72

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:30 A.M. 6-12-72		
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....PSI	680	190
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....PSI	330	250
Minimum pressure during test.....PSI	60	190
Pressure at conclusion of test.....PSI	250	250
Pressure change during test (Maximum minus Minimum).....PSI	270	60
Was pressure change an increase or a decrease?.....	DECREASE	INCREASE
Well closed at (hour, date): 9:30 A.M. 6-14-72	Total Time On Production 24 HRS	
Oil Production	Gas Production	
During Test: 43 bbls; Grav. 40.7	During Test 1,277 MCF; GOR 2970	
Remarks		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): DRINKARD AND LINER SHUT-IN		
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	Gas Production	
During Test: bbls; Grav.	During Test MCF; GOR	
Remarks ZONE SEGREGATION TEST		

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

Approved JUN 26 1972 19  
New Mexico Oil Conservation Commission

By  
Orig. Signed by Joe D. Ramey  
Title Dist. I. Supv.

Operator TEXACO, INC.

By  
Title Asst. Dist. Supt.

Date June 21, 1972

5. Following completion of flow test No. 1, the water level in the discharge will remain above

1. A packer leakage test shall be commenced on a multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and when ever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
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 wellhead pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead 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.

- Flow Test No. 1 shall be conducted even though a flow test during Flow Test No. 1 Procedure in Flow Test No. 2 is required as for Flow Test No. 1 except that the procedure shall be as set forth in the previous paragraph shall be followed.
7. All pressures, temperature, bearing loss, and other data measured and recorded for testing purposes shall be in the form which may be prescribed by a principal member of the Bureau beginning and once at the end of each flow test.
8. The results of the above-described test shall be reported within 10 days after completion of the test. Results shall be sent to the appropriate District Office of the New Mexico Oil Company or its division or Southern New Mexico Gas Company for flow test No. 1 together with the original pressure recording gauge charts and readings of pressures which were taken indicated on the recording gauge. The aforesaid charts, the operator may insert a separate line curve for each flow of each test, indicating pressure changes which may be reflected in the gauge readings. The weight pressure readings will be taken at the reservoir if permitted. The original chart also be permanently filed in the District Office, transmitted to the Bureau, and copy the District Office when the test record is filed, with a copy of the original chart.

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RECEIVED

JUN 22 1972

OIL CONSERVATION COMM.  
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