

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator J. W. PEERY			Lease LOCKHART			Well No. 12	
Location of Well	Unit L	Sec 17	Twp 21S	Rge 37E	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	BLINEBRY		GAS	FLOW	CSG.	3/4	
Lower Compl	TUBB		OIL	FLOW	TBG.	18/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A.M. November, 17, 1975

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:00 A.M. November 18, 1975		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	0	716
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	0	716
Minimum pressure during test.....	0	75
Pressure at conclusion of test.....	0	140
Pressure change during test (Maximum minus Minimum).....	0	576
Was pressure change an increase or a decrease?.....	0	Dec.
Total Time On		
Well closed at (hour, date): 10:00 A.M. November 19, 1975	Production 24 hrs.	
Oil Production Gas Production		
During Test: 3.32 bbls; Grav. 36.5 ; During Test 50.8 MCF; GOR 15,301		
Remarks BLINEBRY ZONE DEAD.		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 8:45 A.M. November 20, 1975		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	0	720
Stabilized? (Yes or No).....	NO	No
Maximum pressure during test.....	130	861
Minimum pressure during test.....	0	720
Pressure at conclusion of test.....	0	861
Pressure change during test (Maximum minus Minimum).....	130	141
Was pressure change an increase or a decrease?.....	Dec.	Inc.
Total time on		
Well closed at (hour, date): 8:45 A.M. November 21, 1975	Production 24 hrs.	
Oil Production Gas Production		
During Test: 0 bbls; Grav. — ; During Test 0 MCF; GOR —		
Remarks GAS APPARENTLY LEAKED FROM PIPELINE BY BACK PRESSURE VALVE INTO WELL PART OF TIME		

BLINEBRY WAS OPEN. TEST INDICATES NO LEAKS.

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 _____
Title _____

Operator J. W. PEERY
By *Oleg F. Rednik*
Title PARTNER
Date _____

SOUTHEAST ALABAMA Packer Leakage Test Instructions

1. A packer leakage test shall be commenced on each multiple 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 remedial or fracture treatment, and whenever 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. If these operations 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.

5. Following completion of the test No. 1, the operator shall file in accordance with the Commission's instructions.
6. Flow Test No. 2 shall be conducted by producing one zone during Flow Test No. 1. The test shall be conducted in accordance with the instructions for Flow Test No. 1, except that the shut-in period for the main shut-in zone shall be reduced to 12 hours.
7. All pressures throughout the test shall be measured and recorded with a deadweight pressure gauge, which must be checked with a deadweight tester at the beginning and once at the end of each flow test.
8. The pressure in the zone being produced shall be maintained within 15 days after completion of the test. The operator shall file the appropriate District Office of the Commission and the Commission on Southern and Western Oklahoma, together with the original pressure chart, the original deadweight pressures which were taken indicated in filing the aforesaid charts, the operator may also file a time-log for each zone of the test, showing any changes which may be indicated by the pressure charts as well as weight pressure readings were taken. If the pressure is so marked, the original chart must be permanently filed in the District Office. Form No. 1 shall be submitted to the District Office with the test report and charts.

