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SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator The Atlantic Refining Company			Lease Coleman			Well No. 1	
Location of Well	Unit C	Sec 17	Twp 21-S	Range 36-E	County Lea		
Name of Reservoir or Pool			Type of Product (Oil or Gas)	Method of Production Flow, Art Lift, etc	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	Yates		Gas	Flow	Csg.	1/2"	
Lower Compl	Grayburg		Oil	Flow	Tbg.	20/64"	

FLOW TEST NO. 1

Bot. zones shut-in at (hour, date): 8:30 A.M. (M.S.T.) 6-12-61

	Upper Completion	Lower Completion
Well opened at (hour, date): 8:30 A.M. 6-13-61		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	820	107
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	831	418
Minimum pressure during test.....	820	418
Pressure at conclusion of test.....	831	421
Pressure change during test (Maximum minus Minimum).....	11	3
Was pressure change an increase or a decrease?.....	Increase	Increase
Well closed at (hour, date): 8:30 A.M. 6-14-61	Total Time On Production 24 hrs.	
Oil Production	Gas Production	
During Test: none bbls; Grav. ; During Test 553 MCF; GOR		
Remarks		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 8:30 A.M. 6-15-61		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	843	417
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	843	417
Minimum pressure during test.....	836	92
Pressure at conclusion of test.....	836	992
Pressure change during test (Maximum minus Minimum).....	7	325
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): 8:30 A.M. 6-16-61	Total time on Production 24 hrs.	
Oil Production	Gas Production	
During Test: 68 bbls; Grav. 31.5 ; During Test 622 MCF; GOR 9147		
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

Operator The Atlantic Refining Company

By (Signed) N. A. Carr

By _____ Title District Superintendent

Date June 23, 1961

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each 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 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. 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 well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 74 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 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 previously shut-in zone is produced.
7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with deadweight tester at least twice, once at the beginning and once at the end of each flow test.
8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the tests. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken including gauge charts with all the filing the aforesaid charts, the operator filed thereon. In lieu of time curve for each zone of each test, indicate construct a pressure versus changes which may be reflected by the gauge filed thereon all pressure weight pressure readings which were taken. Ifs as well as all dead-weight, the original chart must be permanently in pressure curve is submitted. Form C-116 shall also accompany the Packer in the operator's office. Form C-116 shall also accompany the Packer in the operator's when the test period coincides with a gas-oil ratio leakage Test Form of period.