

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation			Lease South Mattix Unit			Well No. 19	
Location of Well	Unit C	Sec 22	Twp 24	Rge 37	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	Lower Paddock Gas (Oil Rim)		Oil	Pump	Tbg	-	
Lower Compl	Blinebry		Oil	Pump	Tbg	-	

FLOW TEST NO. 1

NAME CHANGED:
FROM: PAN AMERICAN PETR. CORP.
TO: AMOCO PRODUCTION CO.
EFFECTIVE: 2-1-71

Both zones shut-in at (hour, date): **10:00 AM 1-12-70**

Well opened at (hour, date): **10:00 AM 1-13-70**

Upper Completion	Lower Completion
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Indicate by (X) the zone producing..... **X**

Pressure at beginning of test..... **50** **100**

Stabilized? (Yes or No)..... **Yes** **Yes**

Maximum pressure during test..... **50** **100**

Minimum pressure during test..... **50** **30**

Pressure at conclusion of test..... **50** **30**

Pressure change during test (Maximum minus Minimum)..... **--** **70**

Was pressure change an increase or a decrease?..... **--** **Dec**

Well closed at (hour, date): **10:00 AM 1-14-70**

Oil Production	Gas Production	Total Time On Production
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During Test: **9** bbls; Grav. **--**; During Test **33** MCF; GOR **3667**

Remarks

FLOW TEST NO. 2

Well opened at (hour, date): **10:00 AM 1-15-70**

Upper Completion	Lower Completion
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Indicate by (X) the zone producing..... **X**

Pressure at beginning of test..... **50** **150**

Stabilized? (Yes or No)..... **Yes** **Yes**

Maximum pressure during test..... **55** **150**

Minimum pressure during test..... **50** **150**

Pressure at conclusion of test..... **55** **150**

Pressure change during test (Maximum minus Minimum)..... **5** **--**

Was pressure change an increase or a decrease?..... **Inc** **--**

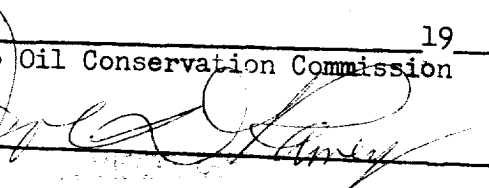
Well closed at (hour, date): **10:00 AM 1-16-70**

Oil Production	Gas Production	Total time on Production
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During Test: **6** bbls; Grav. **--**; During Test **28** MCF; GOR **4667**

Remarks

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

Approved New Mexico Oil Conservation Commission	Operator PAN AMERICAN PETROLEUM CORPORATION
	By JAMES E. YORK
Title	Title AREA ENGINEER
Date	Date 1-22-70

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced 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 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 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 Flow Test No. 1 the well shall again be shut in, in accordance Paragraph 3 above

6. Flow Test No. 2 shall be conducted even though to make this a loaded condition during Flow Test No. 1. Procedure for Flow Test No. 2 shall be the same as for Flow Test No. 1 except that the pressure shall be maintained at 100 psi and the valve shall be shut-in while the previously stated condition is maintained.

7. If pressures throughout the entire test stand are continuously measured and recorded with recording pressure gages, the accuracy of which must be checked with a 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 with a 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Conservation Commission on Southeast New Mexico Packery Leakage Reporting Form Revised 11-18 together with the original pressure recording gauge charts, charts with all the deadweight pressures which were taken indicated on the recording chart, a plot of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating heretofore all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form 11-18 shall also become the Packery Leakage Test Form when the test period coincides with a deadweight test period.

