

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation				Lease State "G"		Well No. 1	
Location of Well	Unit 6	Sec 32	Twp 22		Rge 36	County Lee	
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	Blinberry	Oil	Flow		Tbg		24/64
Lower Compl	Brinkard	Oil	Pump		Tbg		Open

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A.M. - 4/19/63

Well opened at (hour, date): 9:00 A.M. - 4/20/63

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	692	237
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	698	237
Minimum pressure during test.....	692	60
Pressure at conclusion of test.....	698	60
Pressure change during test (Maximum minus Minimum).....	6	177
Was pressure change an increase or a decrease?.....	Inc.	Dec.
Well closed at (hour, date): <u>3:00 P.M. - 4/20/63</u>	Total Time On Production <u>6 Hours</u>	
Oil Production	Gas Production	
During Test: <u>15</u> bbls; Grav. <u>40</u> ;	During Test <u>20</u> MCF; GOR <u>1,213</u>	
Remarks <u>No leak indicated.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): 9:30 A.M. - 4/21/63

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	702	300
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	702	300
Minimum pressure during test.....	190	300
Pressure at conclusion of test.....	190	300
Pressure change during test (Maximum minus Minimum).....	512	---
Was pressure change an increase or a decrease?.....	Dec.	---
Well closed at (hour, date): <u>3:00 P.M. - 4/21/63</u>	Total time on Production <u>3-1/2 Hours</u>	
Oil Production	Gas Production	
During Test: <u>9</u> bbls; Grav. <u>42</u> ;	During Test <u>3</u> MCF; GOR <u>233</u>	
Remarks <u>No leak indicated.</u>		

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 **Pan American Petroleum Corporation**

Original Signed By:
J. W. MEEK

By _____

Title **Area Engineer**

Date **April 29, 1963**

By _____
Title _____

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on a well 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 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 remain shut-in in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though a leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to use 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 which must be checked with a deadweight tester at the beginning and once at the end of each flow test.
8. The results of the above-described tests shall be filed within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Commission on Southeast New Mexico Packer Leakage Test together with the original pressure recording gauge readings and deadweight pressures which were taken indicating their finding the aforesaid charts, the operator may construct a pressure curve for each zone of each test, indicating the changes which may be reflected by the gauge charts and weight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

