This form is not to be used for reporting packer leakage tests in Northwest New Mexico

NI MEXICO OIL CONSERVATION COMMISS

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	Lease	Well No.
Pan American Petroleum Corporation	Plains Unit	2

Location of Well	Unit	Sec	Twp	Rge	County
	K	28	19	35	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	Lusk Strawn	Oil	Flow	Tbg	24/64
Lower Compl	Lusk Morrow	Gas	Flow	Tbg	—

FLOW TEST NO. 1

Both zones shut-in at (hour, date): —

Well opened at (hour, date): 11:30 A.M. - 9-21-64 (Test On)

	Upper Completion	Lower Completion
Indicate by (X) the zone producing	X	
Pressure at beginning of test	800	810
Stabilized? (Yes or No)	Yes	Yes
Maximum pressure during test	800	810
Minimum pressure during test	300	810
Pressure at conclusion of test	300	810
Pressure change during test (Maximum minus Minimum)	500	0
Was pressure change an increase or a decrease?	Decrease	—

Well closed at (hour, date): 11:30 A.M. - 9-22-64 Total Time On Production 24 Hrs.

Oil Production During Test: 270 bbls; Grav. 46.0; Gas Production During Test 860 MCF; GOR 3185

Remarks No leak indicated. Morrow gas zone was not shut in as this zone logs up with water which requires several days to swab and blow down to return to production.

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):		
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 During Test: _____ bbls; Grav. _____; Gas Production During Test _____ MCF; GOR _____

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

By _____

Title _____

Operator Pan American Petroleum Corporation

By Original Signed By: J. W. MEEK

Title Area Engineer

Date October 5, 1964

[illegible] PACKER LEAKAGE TEST INSTRUCTIONS

[illegible] In connection with each multiple completion [illegible] initial completion of the well, and annually [illegible] the order authorizing the multiple completion [illegible] on all multiple completions within [illegible] or chemical or fracture treatment, and [illegible] a well during which the packer in the [illegible] shall also be taken at any time that [illegible] when requested by the Commission.

[illegible] To the commencement of any packer leakage test, [illegible] in connection in writing of the exact time the [illegible] shall also [illegible]

[illegible] shall commence when both zones in the dual [illegible] pressure stabilization [illegible] zone shall remain [illegible] pressure in each has stabilized and for a [illegible] provided however, that they need not remain [illegible]

[illegible] zone of the dual completion shall be produced [illegible] production while the other zone remains shut-in. Such [illegible] until the flowing wellhead pressure has become [illegible] five hours thereafter, provided however, [illegible] for more than 24 hours.

[illegible] shall again be shut-[illegible]

[illegible] shall be conducted even though no leak was indicated during the test of [illegible] procedure for Flow Test No. [illegible] 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.

[illegible] All pressures throughout the entire test shall be continuously measured and recorded with recording pressure gauges; the accuracy of gauges to be checked with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.

[illegible] test shall be [illegible] with the appropriate District Office of the New Mexico Oil Conservation Commission [illegible] the Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all dead-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.