

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation			Lease State "g"			Well No. 1		
Location of Well	Unit C	Sec 38	Twp 22	Rge 38	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	Elmabry		Oil	Flow	Tbg.	22/64		
Lower Compl	Brinkard		Oil	Pump	Tbg.	--		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 A.M. - 2-14-66

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:15 A.M. - 2-15-66</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	<u>612</u>	<u>200</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>647</u>	<u>200</u>
Minimum pressure during test.....	<u>612</u>	<u>40</u>
Pressure at conclusion of test.....	<u>647</u>	<u>40</u>
Pressure change during test (Maximum minus Minimum).....	<u>35</u>	<u>160</u>
Was pressure change an increase or a decrease?.....	<u>Inc.</u>	<u>Dec.</u>
Well closed at (hour, date): <u>9:15 A.M. - 2-16-66</u>	Total Time On Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>27</u> bbls; Grav. <u>39.8</u> ;	During Test <u>98</u> MCF; GOR <u>3630</u>	
Remarks <u>No Leak Indicated</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:15 A.M. - 2-17-66</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	<u>750</u>	<u>200</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>750</u>	<u>200</u>
Minimum pressure during test.....	<u>500</u>	<u>200</u>
Pressure at conclusion of test.....	<u>500</u>	<u>200</u>
Pressure change during test (Maximum minus Minimum).....	<u>250</u>	<u>--</u>
Was pressure change an increase or a decrease?.....	<u>Dec.</u>	<u>--</u>
Well closed at (hour, date): <u>4:15 P.M. - 2-17-66</u>	Total time on Production <u>7 hours</u>	
Oil Production	Gas Production	
During Test: <u>6</u> bbls; Grav. <u>42°</u> ;	During Test <u>98</u> MCF; GOR <u>16,333</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 66
New Mexico Oil Conservation Commission

By _____
Title _____

Operator Pan American Petroleum Corporation
Original Signed By: J. W. MEEK
J. W. Meek
Title Area Engineer
Date February 28, 1966

5. Following completion of Step 1, the Contractor shall shut down the existing system in accordance with Paragraph 1.10.1.

- Flow Test No. 1 shall be conducted within 15 days after completion of the flow test during Flow Test No. 1. Proceed with Flow Test No. 2 for Flow Test No. 1 except that the previously main shut-in while the previously shut-in zone is produced.
7. All pressures throughout the well shall be measured and recorded with a pressure gauge and which must be checked with a pressure gauge at the beginning and once at the end of each flow test.
8. The results of the above described tests shall be submitted to the appropriate District Engineer within 15 days after completion of the tests. The appropriate District Engineer shall file a report on the Southeast New Mexico Lease Extension together with the results of the tests and the deadweight pressure readings and the time curve for each shut-in. The operation may not be resumed until the shut-in pressure changes which may be indicated by the weight pressure readings are accepted. If the original shut-in is permanently rejected, the original shut-in shall be permanently rejected. The original shut-in shall be permanently rejected if the shut-in pressure does not subside in the original shut-in. The shut-in pressure shall be recorded at the end of the shut-in period.

[illegible]