

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <u>Pan American Petroleum Corporation</u>				Lease <u>G. Myers 737</u>		Well No. <u>13</u>	
Location of Well	Unit <u>L</u>	Sec <u>9</u>	Twp <u>24</u>	Rge <u>37</u>	County <u>Lea</u>		
	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	<u>Jalint</u>		<u>Gas</u>	<u>Flow</u>	<u>Csg</u>	<u>Open</u>	
Lower Compl	<u>Langlis Mattix</u>		<u>Oil</u>	<u>Shut-In</u>	<u>Tbg</u>	<u>---</u>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM 4-22-63

Well opened at (hour, date): 9:00 AM 4-23-63

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>575</u>	<u>0</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>---</u>
Maximum pressure during test.....	<u>575</u>	<u>0</u>
Minimum pressure during test.....	<u>330</u>	<u>0</u>
Pressure at conclusion of test.....	<u>330</u>	<u>0</u>
Pressure change during test (Maximum minus Minimum).....	<u>240</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>---</u>
Well closed at (hour, date): <u>9:00 AM 4-24-63</u>	Total Time On Production <u>24 hours</u>	
Oil Production During Test: <u>Dry Gas</u> bbls; Grav. <u>---</u>	Gas Production During Test <u>1,450</u> MCF; GOR <u>---</u>	
Remarks <u>---</u>		

FLOW TEST NO. 2

Well opened at (hour, date): Shut-In

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>610</u>	<u>0</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>610</u>	<u>0</u>
Minimum pressure during test.....	<u>610</u>	<u>0</u>
Pressure at conclusion of test.....	<u>610</u>	<u>0</u>
Pressure change during test (Maximum minus Minimum).....	<u>610</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>---</u>	<u>---</u>
Well closed at (hour, date) <u>Shut-In</u>	Total time on Production <u>---</u>	
Oil Production During Test: <u>---</u> bbls; Grav. <u>---</u>	Gas Production During Test <u>---</u> MCF; GOR <u>---</u>	
Remarks <u>Oil Zone has been temporarily abandoned.</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
By J. W. MEER
Original Signed By: J. W. MEER

Title Area Engineer
Date April 26, 1963

SEALING AND PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within 30 days after initial completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall not be commenced on all multiple completions within seven days following completion 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 advise the Commission in writing of the exact time the test is to be conducted. Other 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 deadweight 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 tests, the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be conducted still in flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the test shall not continue for more than 24 hours.

5. Following completion of flow test, the well shall be shut-in and stabilized in accordance with Paragraph 1 above.

6. Flow Test No. 2 shall be commenced even though a test was conducted 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 flow test, shall be continuously measured and recorded with recording pressure gauges. The accuracy of which must be checked with a deadweight tester at least twice during the beginning and once at the end of the flow test.

8. The results of the above prescribed tests shall be filed in the office within 15 days after completion of the test. Tests shall be filed in the appropriate District office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Number 1, together with the original pressure recording gauge charts and the deadweight pressures that were taken indicating the accuracy of the filling the aforesaid charts. The operator may construct a pressure versus time curve for each zone of the test, indicating pressure changes which may be reflected by the gauge charts at any time. Such weight pressure readings which were taken. If the test results are submitted, the original data must be permanently retained in the operator's office. Form C-116 shall be accompanied the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

