

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Pan American Petroleum Corporation</b>			Lease <b>State "C" Tract 13</b>			Well No. <b>2</b>	
Location of Well	Unit <b>D</b>	Sec <b>36</b>	Twp <b>21</b>	Rge <b>13</b>	County <b>Alameda</b>		
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	<b>Tubb</b>		<b>Gas</b>	<b>Flow</b>	<b>Csg.</b>		
Lower Compl	<b>Brinkard</b>		<b>Oil</b>	<b>Pump</b>	<b>Tbg.</b>		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:45 A.M. 4-3-60

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>1:45 4-4-60</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1575</u>	<u>580</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1575</u>	<u>580</u>
Minimum pressure during test.....	<u>680</u>	<u>560</u>
Pressure at conclusion of test.....	<u>680</u>	<u>560</u>
Pressure change during test (Maximum minus Minimum).....	<u>895</u>	<u>20</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Well closed at (hour, date): <u>10:45 A.M. 4-5-60</u>	Total Time On Production <u>21 hours</u>	
Oil Production	Gas Production	
During Test: <u>31</u> bbls; Grav. <u>38° API</u> ;	During Test <u>823</u> MCF; GOR <u>26,550</u>	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:45 A.M. 4-6-60</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1580</u>	<u>525</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>1600</u>	<u>525</u>
Minimum pressure during test.....	<u>1500</u>	<u>15</u>
Pressure at conclusion of test.....	<u>1600</u>	<u>15</u>
Pressure change during test (Maximum minus Minimum).....	<u>100</u>	<u>510</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>10:45 A.M. 4-7-60</u>	Total time on Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>5,52</u> bbls; Grav. <u>63° API</u> ;	During Test <u>19.5</u> MCF; GOR <u>3,533</u>	
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 [Signature]  
Title \_\_\_\_\_

Operator **Pan American Petroleum Corporation**  
Original Signed by  
J. W. BROWN

By \_\_\_\_\_  
Title Area Superintendent  
Date 4-25-60

SOUTHEAST NEW MEXICO PACKER LEAKAG

### ST INSTRUCTIONS

1. A packer leakage test shall be commenced on each 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.

- [illegible]

[illegible]

Petroleum Corporation  
Packer Leakage Test  
Tubb (Gas) - Drinker (Oil) - Paul  
State No. Tr. 13 No. 8

