

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation			Lease State "C" Tract 12			Well No. 7		
Location of Well		Unit D	Sec 16	Twp 21	Rge 37	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	Blinbry		Oil	Pump	Tbg		Open	
Lower Compl	Drinkard		Oil	Flow	Tbg		2	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM 3-11-63

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:00 AM 3-12-63</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>60</u>	<u>700</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>40</u>	<u>725</u>
Minimum pressure during test.....	<u>40</u>	<u>700</u>
Pressure at conclusion of test.....	<u>40</u>	<u>725</u>
Pressure change during test (Maximum minus Minimum).....	<u>20</u>	<u>25</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>2:30 PM 3-12-63</u>	Total Time On Production <u>4-1/2 hours</u>	
Oil Production During Test: <u>1.8</u> bbls; Grav. <u>42°API</u>	Gas Production During Test <u>4.9</u> MCF; GOR <u>2720</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>10:00 AM 3-13-63</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>50</u>	<u>750</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>50</u>	<u>750</u>
Minimum pressure during test.....	<u>50</u>	<u>225</u>
Pressure at conclusion of test.....	<u>50</u>	<u>275</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>525</u>
Was pressure change an increase or a decrease?.....		<u>Decrease</u>
Well closed at (hour, date): <u>2:30 PM 3-12-63</u>	Total time on Production <u>4-1/2 hours</u>	
Oil Production During Test: <u>10.2</u> bbls; Grav. <u>38°API</u>	Gas Production During Test <u>33.7</u> MCF; GOR <u>3305</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

Operator Pan American Petroleum Corporation

By _____ Original Signed By:
J. W. MEEK

By _____
Title _____

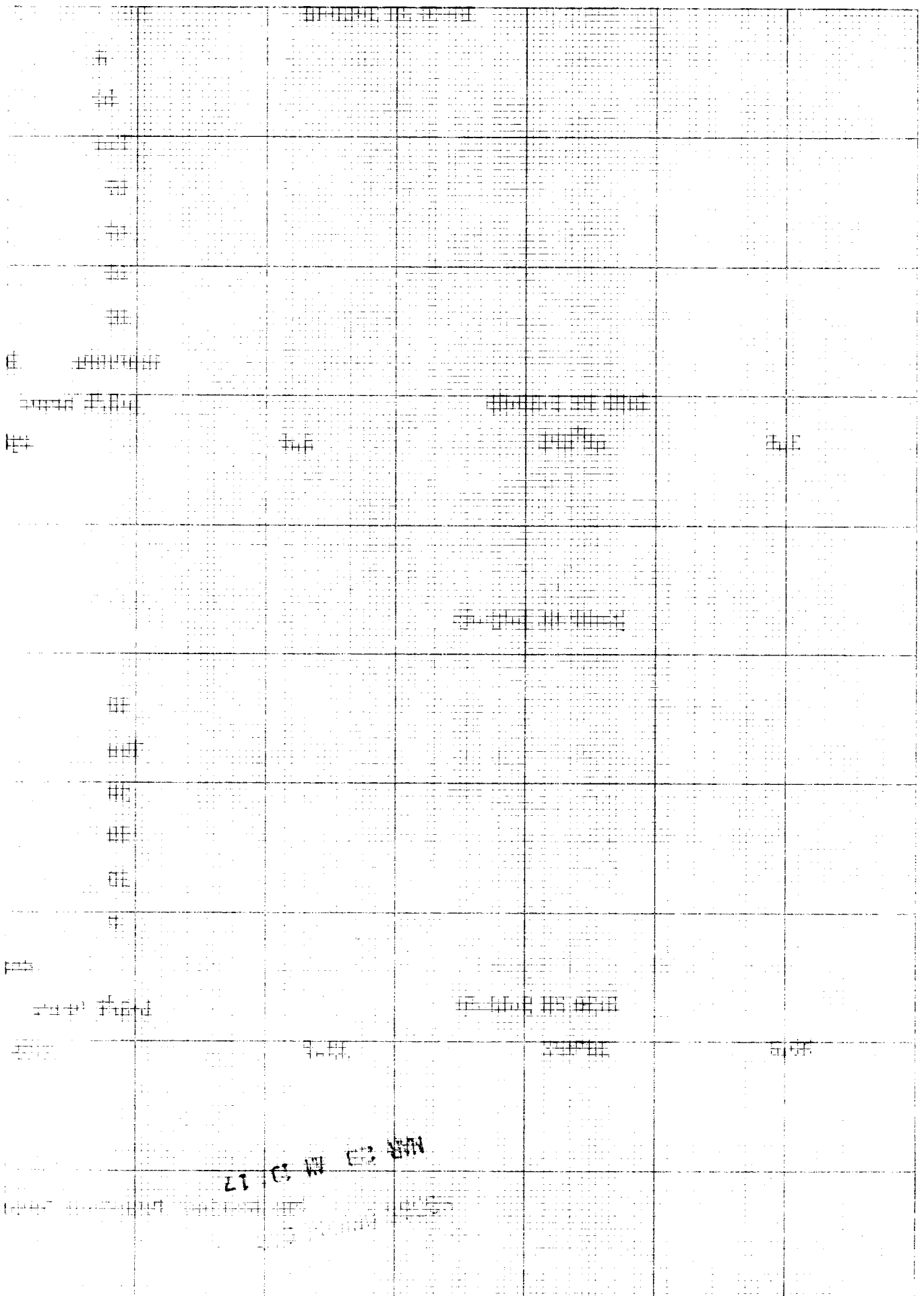
Title Area Engineer
Date March 19, 1963

Following completion of the test, the well shall again be
in accordance with Paragraph 1. above.

Flow Test No. 2 shall be conducted even though no leak was indicated 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 entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a dead-weight tester at least twice, once at the beginning and once at the end of each flow test.

The results of the above-described tests shall be filed in triplicate within 30 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 1-1-58, 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 deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form CO-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.



SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation			Lease State "C" Tract 12			Well No. 7	
Location of Well	Unit D	Sec 16	Twp 21-S	Rge 37-E	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	Elinebry		Oil	Art. Lift	Tbg.	None	
Lower Compl	Drinkard		Oil	Flow	Tbg.	22/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM 2-19-62

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 AM 2-20-62</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	20	790
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	20	790
Minimum pressure during test.....	20	50
Pressure at conclusion of test.....	20	300
Pressure change during test (Maximum minus Minimum).....	- -	740
Was pressure change an increase or a decrease?.....	- -	Decrease
Well closed at (hour, date): <u>1:00 PM 2-21-62</u>	Total Time On Production 28 hours	
Oil Production During Test: <u>74</u> bbls; Grav. <u>38</u>	Gas Production During Test <u>234</u> MCF; GOR <u>3162</u>	
Remarks <u>No leakage indicated.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>7:30 AM 2-23-62</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	20	845
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	100	850
Minimum pressure during test.....	20	845
Pressure at conclusion of test.....	50	850
Pressure change during test (Maximum minus Minimum).....	80	5
Was pressure change an increase or a decrease?.....	Increase	Increase
Well closed at (hour, date): <u>1:30 PM 2-23-62</u>	Total time on Production 6 hours.	
Oil Production During Test: <u>20.6</u> bbls; Grav. <u>36.6</u>	Gas Production During Test <u>4.33</u> MCF; GOR <u>210</u>	
Remarks <u>No leakage 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

By _____
Title _____

Operator Pan American Petroleum Corporation

Original Signed By:
By J. W. MEEK

Title Area Engineer

Date March 1, 1962

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NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation				Lease State "C" Tract 12		Well No. 7	
Location of Well	Unit D	Sec 16	Twp 21-S	Rge 37-E	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	Ellebry		Oil	Art. Lift	Tbg.	None	
Lower Compl	Drinkard		Oil	Flow	Tbg.	22/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. 12-26-61

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:00 A.M. 12-27-61</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>45</u>	<u>875</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>45</u>	<u>880</u>
Minimum pressure during test.....	<u>15</u>	<u>875</u>
Pressure at conclusion of test.....	<u>15</u>	<u>880</u>
Pressure change during test (Maximum minus Minimum).....	<u>30</u>	<u>5</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>11:00 A.M. 12-27-61</u>	Total Time On Production <u>3 hours</u>	
Oil Production During Test: <u>2</u> bbls; Grav. <u>38.5</u>	Gas Production During Test <u>.324</u> MCF; GOR <u>162</u>	
Remarks <u>No leakage indicated.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>2:30 P.M. 12-27-61</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>45</u>	<u>885</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>45</u>	<u>885</u>
Minimum pressure during test.....	<u>45</u>	<u>180</u>
Pressure at conclusion of test.....	<u>45</u>	<u>180</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>705</u>
Was pressure change an increase or a decrease?.....	<u>None</u>	<u>Decrease</u>
Well closed at (hour, date): <u>7:30 A.M. 12-28-61</u>	Total time on Production <u>17 hours</u>	
Oil Production During Test: <u>59</u> bbls; Grav. <u>37.8</u>	Gas Production During Test <u>188.9</u> MCF; GOR <u>3202</u>	
Remarks <u>No leakage 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

By _____
Title _____

Operator Pan American Petroleum Corporation

By I. W. MEEK
Original Signed By

Title Area Engineer

Date January 2, 1962

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