

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Pan American Petroleum Corporation</b>			Lease <b>State "C" Tract 13</b>		Well No. <b>9</b>	
Location of Well	Unit <b>F</b>	Sec <b>36</b>	Twp <b>21-S</b>	Rge <b>37-E</b>	County <b>Lea</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>Tabb</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg.</b>	<b>18/64"</b>
Lower Compl	<b>Drinkard</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg.</b>	<b>17/64"</b>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:30 A.M. - 4-18-66

Well opened at (hour, date):	<u>8:30 A.M. - 4-19-66</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....			<u>X</u>
Pressure at beginning of test.....		<u>660</u>	<u>745</u>
Stabilized? (Yes or No).....		<u>No</u>	<u>No</u>
Maximum pressure during test.....		<u>700</u>	<u>745</u>
Minimum pressure during test.....		<u>660</u>	<u>65</u>
Pressure at conclusion of test.....		<u>700</u>	<u>65</u>
Pressure change during test (Maximum minus Minimum).....		<u>40</u>	<u>680</u>
Was pressure change an increase or a decrease?.....		<u>Inc.</u>	<u>Dec.</u>
Well closed at (hour, date):	<u>2:00 P.M. - 4-19-66</u>	Total Time On Production <u>5 1/2 Hrs.</u>	
Oil Production	Gas Production		
During Test: <u>15</u> bbls; Grav. <u>41.5°</u> ; During Test <u>24</u> MCF; GOR <u>1,600</u>			
Remarks <u>No Leak Indicated</u>			

FLOW TEST NO. 2

Well opened at (hour, date):	<u>2:00 PM. - 4-20-66</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<u>X</u>	
Pressure at beginning of test.....		<u>753</u>	<u>748</u>
Stabilized? (Yes or No).....		<u>Yes</u>	<u>No</u>
Maximum pressure during test.....		<u>750</u>	<u>860</u>
Minimum pressure during test.....		<u>400</u>	<u>748</u>
Pressure at conclusion of test.....		<u>400</u>	<u>860</u>
Pressure change during test (Maximum minus Minimum).....		<u>350</u>	<u>112</u>
Was pressure change an increase or a decrease?.....		<u>Dec.</u>	<u>Inc.</u>
Well closed at (hour, date)	<u>10:00 A.M. - 4-21-66</u>	Total time on Production <u>20 Hrs.</u>	
Oil Production	Gas Production		
During Test: <u>17</u> bbls; Grav. <u>40.9°</u> ; During Test <u>179</u> MCF; GOR <u>10,529</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 \_\_\_\_\_  
New Mexico Oil Conservation Commission

Operator Pan American Petroleum Corporation  
By J. W. Meek  
Original Signed By: J. W. Meek  
Title Area Engineer  
Date April 22, 1966

By \_\_\_\_\_  
Title \_\_\_\_\_

5. Following completion of this \_\_\_\_\_, \_\_\_\_\_ as set-  
in, is accordance with Paragraph \_\_\_\_\_

6. Flow Test No. 2 shall have been completed before the start of Flow Test No. 1. The volume of gas produced during Flow Test No. 1 shall be at least equal to the same as for Flow Test No. 2.

7. The test shall be conducted under conditions which will produce a maximum rate of flow while the pressure in the zone is produced

7. All pressures, throughout the entire test, shall be continuously measured and recorded with the other pressure gauges. The accuracy of which must be checked with a standard test at least once during the beginning and once at the end of the entire test.

[illegible]

4 For Flow Test 2, the test shall be completed within the time that completion shall be produced at the normal flow rate and the flow rate shall be maintained for the entire test. Such test shall be completed when the flowing wellhead pressure has become stabilized and the test shall be completed within the time that completion shall be produced, provided however, that the flow rate shall be maintained for more than 24 hours.

when the test person is not aware of the presence of the test person.

