

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada Petroleum Corporation			Lease State "Q"			Well No. 1000	
Location of Well	Unit J	Sec 16	Twp 20	Rge 37	County 197		Loc 2
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	Grayburg	Oil	Pumping	Tbg.	2"		
Lower Compl	Tubb	Oil	Pumping	Tbg.	2"		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 AM 8-8-61

Well opened at (hour, date): <u>8:00 AM 8-9-61</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>10</u>	<u>255</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>no</u>
Maximum pressure during test.....	<u>20</u>	<u>255</u>
Minimum pressure during test.....	<u>20</u>	<u>160</u>
Pressure at conclusion of test.....	<u>20</u>	<u>160</u>
Pressure change during test (Maximum minus Minimum).....	<u>none</u>	<u>95</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>D</u>
Well closed at (hour, date): <u>8:00 AM 8-10-61</u>	Total Time On Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>20.74</u> bbls; Grav. <u>32</u>	During Test <u>19.269</u> MCF; GOR <u>929</u>	

Remarks The Tubb Zone pumps & flows in heads, and this caused an immediate pressure build-up.
Slow leakage through the flow line valve and the stuffing box caused a gradual and continious pressure decline throughout the Tubb shut-in period.

FLOW TEST NO. 2

Well opened at (hour, date): <u>8:00 AM 8-11-61</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>5</u>	<u>100</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>no</u>
Maximum pressure during test.....	<u>5</u>	<u>100</u>
Minimum pressure during test.....	<u>5</u>	<u>15</u>
Pressure at conclusion of test.....	<u>5</u>	<u>15</u>
Pressure change during test (Maximum minus Minimum).....	<u>none</u>	<u>85</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>D</u>
Well closed at (hour, date): <u>8:00 AM 8-12-61</u>	Total time on Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>35.15</u> bbls; Grav. <u>38</u>	During Test <u>52.761</u> MCF; GOR <u>1501</u>	

Remarks No indication of packer leakage.

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 AMERADA PETROLEUM CORPORATION

By J. E. Snyder

Title District Engineer

Date August 24, 1961

By _____
Title _____

1. The following are the names of the persons who are the members of the committee:

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission or Southeast New Mexico Packer Leakage Test Form Revised 1-58, together with the original pressure recording gauge charts and all the deadweight pressures which were taken indicated thereon. In the event of filing the storeboard charts, the operator may indicate a pressure versus time curve for each end of each test, indicating thereon the pressure changes which may be reflected by the gauge charts as well as all the deadweight pressure readings which were taken. If the pressure chart is submitted, a original chart must be permanently filed in the District Office. Form 100B shall also accompany the Packer Leakage Test form when the test period coincides with a gas-oil ratio test period.

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