

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator GULF OIL CORPORATION			Lease Nederal Mills			Well No. 1	
Location of Well		Unit C	Sec 11	Twp 9-S	Rge 36-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	Allison Abo			Oil	Kobe Pump	Casing	2" W.O.
Lower Compl	Allison Penn			Oil	Kobe Pump	Tubing	1 1/4" W.O.

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM, 6-2-67

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 AM, 6-3-67</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>122</u>	<u>27</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>50</u>	<u>100</u>
Minimum pressure during test.....	<u>35</u>	<u>27</u>
Pressure at conclusion of test.....	<u>43</u>	<u>82</u>
Pressure change during test (Maximum minus Minimum).....	<u>15</u>	<u>73</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date): <u>9:00 AM, 6-4-67</u>	Total Time On Production <u>24 Hours</u>	
Oil Production	Gas Production	
During Test: <u>56.67</u> bbls; Grav. <u>44.0°</u> ; During Test <u>16.5</u> MCF; GOR <u>291</u>		
Remarks <u>Upper zone also produced 42.17 barrels of water.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>9:00 AM, 6-5-67</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>110</u>	<u>33</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>120</u>	<u>45</u>
Minimum pressure during test.....	<u>110</u>	<u>33</u>
Pressure at conclusion of test.....	<u>118</u>	<u>35</u>
Pressure change during test (Maximum minus Minimum).....	<u>10</u>	<u>12</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date): <u>9:00 AM, 6-6-67</u>	Total time on Production <u>24 Hours</u>	
Oil Production	Gas Production	
During Test: <u>9.65</u> bbls; Grav. <u>42.1°</u> ; During Test <u>8.3</u> MCF; GOR <u>860</u>		
Remarks <u>Lower zone also produced 9.65 barrels of water.</u>		

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____ 19 1967
New Mexico Oil Conservation Commission

By [Signature]
Title _____

Operator GULF OIL CORPORATION

By [Signature]
E. Dangler

Title Area Engineer

Date 6-7-67

3 TEST INSTRUCTIONS

5. Following the completion of the test, the well shall again be shut-in, in accordance with the well control plan.

6. Flow Test No. 2 shall be performed even though no leak was indicated during Flow Test No. 1. The Flow Test No. 2 is to be the same as for Flow Test No. 1. The previously produced zone shall remain absent with the same or a smaller zone is produced.

7. All pressure measuring devices, including but not limited to, pressure test, shall be continuously monitored by pressure gauges, the accuracy of which must be checked by a certified pressure test at least twice, once at the beginning and once at the end of each flow test.

8. The results of the pressure tests shall be filed in triplicate within 15 days after the completion of the test. Tests shall be filed with the appropriate office of the New Mexico Oil Conservation Commission on Form No. 1, Pressure Leakage Test Form Revised 11-1-53, together with the following: (a) recording gauge charts with all the deadweight pressure and temperature indicated thereon. In lieu of filing the charts, the operator may construct a pressure versus time curve for the test, indicating thereon all pressure changes which occur during the test. (b) gauge charts as well as all deadweight pressure and temperature data taken. If the pressure curve is submitted, the charts may be permanently filed in the operator's office. Form No. 1 may be obtained from the Packer Leakage Test Form when the test is completed. (c) a 2-3-oil ratio test period.

This image shows a full page of graph paper. The grid consists of large squares, each further divided into smaller squares by horizontal and vertical lines. In the bottom right corner, there is a black rectangular stamp containing white text. The text is oriented vertically and reads "JUN 9 1 22 PM '67" on the top line and "LIBRARY OF CONGRESS" on the bottom line.