

XICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Mills Federal			Well No. 1	
Location of Well	Unit C	Sec 11	Twp 9-S	Rge 36-E	County Lee		
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" WO	
Lower Compl	Allison Penn		Oil	Kobe Pump	Tubing	1 1/4" WO	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:30 AM, 3-14-68

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>11:30 AM, 3-15-68</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	<u>70</u>	<u>60</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>70</u>	<u>65</u>
Minimum pressure during test.....	<u>70</u>	<u>50</u>
Pressure at conclusion of test.....	<u>70</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>None</u>	<u>15</u>
Was pressure change an increase or a decrease?.....	<u>---</u>	<u>Decrease</u>
Well closed at (hour, date): <u>11:30 AM, 3-16-68</u>	Total Time On Production <u>24 hours</u>	
Oil Production During Test: <u>50</u> bbls; Grav. <u>44.0°</u>	Gas Production During Test <u>17.7</u> MCF; GOR <u>354</u>	
Remarks <u>Lower zone (Penn) also produced 8 barrels of water.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>11:00 AM, 3-17-68</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	<u>10</u>	<u>35</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>40</u>	<u>50</u>
Minimum pressure during test.....	<u>10</u>	<u>35</u>
Pressure at conclusion of test.....	<u>40</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>30</u>	<u>15</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date): <u>11:00 AM, 3-18-68</u>	Total time on Production <u>24</u>	
Oil Production During Test: <u>83</u> bbls; Grav. <u>42.2°</u>	Gas Production During Test <u>25.1</u> MCF; GOR <u>302</u>	
Remarks <u>Upper zone (Abo) also produced 14 barrels of water.</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 GULF OIL CORPORATION

By E. Dangler

Title Area Engineer

Date 4-1-68

ST Ructions

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.

This image shows a full page of blank graph paper. The paper features a uniform grid of small squares, typical of standard graph paper used for mathematics or engineering. The grid covers the entire area of the page, with no margins or additional markings visible.