

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Arnett-Ramsey (NCT-D)			Well No. 9	
Location of Well	Unit L	Sec 33	Twp 21-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	Jalnet		Oil	Flow	Tubing	45/64"	
Lower Compl	South Eunice		Oil	Pumps	Tubing	2" WO	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM 9-23-68

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>9:30 AM 9-24-68</u>	
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>393</u>	<u>118</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>393</u>	<u>126</u>
Minimum pressure during test.....	<u>34</u>	<u>118</u>
Pressure at conclusion of test.....	<u>34</u>	<u>126</u>
Pressure change during test (Maximum minus Minimum).....	<u>359</u>	<u>8</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date):	Total Time On Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>2</u> bbls; Grav. <u>35.1</u> ; During Test <u>375.0</u> MCF; GOR <u>187,500</u>		
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date):	<u>9:30 AM 9-26-68</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			<u>X</u>
Pressure at beginning of test.....	<u>400</u>	<u>131</u>	
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>	
Maximum pressure during test.....	<u>409</u>	<u>131</u>	
Minimum pressure during test.....	<u>400</u>	<u>34</u>	
Pressure at conclusion of test.....	<u>409</u>	<u>34</u>	
Pressure change during test (Maximum minus Minimum).....	<u>9</u>	<u>97</u>	
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>	
Well closed at (hour, date)	Total time on Production <u>24 hours</u>		
Oil Production	Gas Production		
During Test: <u>3</u> bbls; Grav. <u>35.2</u> ; During Test <u>198.0</u> MCF; GOR <u>66,000</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 Gulf Oil Corporation
Original Signed By: J. W. Davis
By _____

By [Signature]
Title _____

J. W. Davis
Title Well Tester
Date September 30, 1968

Following completion of Flow Test No. 1, the well shall again be shut in accordance with the above.

3. 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 on Southeast New Mexico Backer Leakage Test Form Revised 11-1-58, 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 C-11b shall also accompany the Backer Leakage Test Form when the test period coincides with a gas oil ratio test period.