

This form is not to
be used for reporting
pressure leakage tests
in Northwest New Mexico

SOUTHEAST NEW MEXICO PACKED LEAKAGE TEST

Operator <u>Gulf Oil Corporation</u> ✓			Lease <u>Keohane et al "C" Federal Com</u>			Well No. <u>1</u>	
Location of Well	Unit <u>L</u>	Sec <u>21</u>	Twp <u>18</u>	Rge <u>31</u>	County <u>Eddy</u>		
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Cag)	Choke Size	
Upper Compl	<u>Shugart Atoka, North</u>		<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>	<u>-</u>	
Lower Compl	<u>Shugart Morrow, North</u>		<u>Gas</u>	<u>Standing</u>	<u>Tbg.</u>	<u>-</u>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 A.M. 8-20-79

Well opened at (hour, date): 10:30 A.M. 8-21-79

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>2085</u>	<u>1640</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>2085</u>	<u>1640</u>
Minimum pressure during test.....	<u>988</u>	<u>994</u>
Pressure at conclusion of test.....	<u>988</u>	<u>994</u>
Pressure change during test (Maximum minus Minimum).....	<u>-1097</u>	<u>-646</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>
Well closed at (hour, date): <u>10:30 A.M. 8-22-79</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>60</u> bbls; Grav. <u>54.6</u> ;	During Test <u>1181.0</u> MCF; GOR <u>19,683</u>	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): _____		
Indicate by (X) the zone producing.....		
Pressure at beginning of test.....		
Stabilized? (Yes or No).....		
Maximum pressure during test.....		
Minimum pressure during test.....		
Pressure at conclusion of test.....		
Pressure change during test (Maximum minus Minimum).....		
Was pressure change an increase or a decrease?.....		
Well closed at (hour, date): _____	Total time on Production _____	
Oil Production	Gas Production	
: _____ bbls; Grav. _____ ;	During Test _____ MCF; GOR _____	
_____ er zone is standing.		

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

Oil Division 19

Operator Gulf Oil Corporation
By A. C. Graham
Title Well Tester

Date August 29, 1979

SOUTHEAST NEW MEXICO PACKED LARVAE TRAP INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completion well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completion wells within seven days following recompletion and/or chemical or fracture treatment, and when ever necessary, there shall be some on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
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.

6. Following completion of Flow Test No. 1, the well shall again be shut in, in accordance with Paragraph 3 above.

8. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced gas shall remain shut in until the previously shut-in zone is produced.

7. All pressure, throughout the entire test, shall be continuously measured and recorded with recording pressure gauge. The pressure of which must be taken with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.

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 at the District New Mexico Tanker Leakage Test Form (Section 1) together with the original pressure recording gauge charts and with the deadweight pressures which were taken indicated thereon. In case of filing the aforementioned chart, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon any pressure changes which may be reflected by the gauge charts as well as any deadweight pressure readings which were taken. If the pressure is not permitted, the original chart must be permanently filed in the operator's office. Form 1-116 shall also accompany the Tanker Leakage Test form when the test period coincides with a gas-oil ratio test period.

This image shows a full page of blank graph paper. The grid consists of small squares formed by thin black lines. There are no margins, text, or other markings on the page.

