

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation				Lease J. A. Stuart		Well No. 8	
Location of Well	Unit D	Sec 11	Twp 25-S		Rge 37-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	N. Justis Tubb-Drinkard		Oil	Flow	Tbg	2 1/2"	
Lower Compl	N. Justis Elinebry		Oil	Flow	Tbg	20/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 AM; 11-5-63

Well opened at (hour, date):	<u>9:15 AM; 11-6-63</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>	
Pressure at beginning of test.....		<u>904</u>	<u>479</u>
Stabilized? (Yes or No).....		<u>Yes</u>	<u>No (inc)</u>
Maximum pressure during test.....		<u>904</u>	<u>482</u>
Minimum pressure during test.....		<u>356</u>	<u>479</u>
Pressure at conclusion of test.....		<u>356</u>	<u>482</u>
Pressure change during test (Maximum minus Minimum).....		<u>548</u>	<u>3</u>
Was pressure change an increase or a decrease?.....		<u>Dec</u>	<u>inc</u>
Well closed at (hour, date):	<u>12:30 PM; 11-6-63</u>	Total Time On Production	<u>3 Hrs 15 min</u>
Oil Production		Gas Production	
During Test: <u>69</u> bbls; Grav. <u>37.1</u> ;	During Test	<u>34</u> MCF; GOR	<u>493</u>
<u>3 BW</u>			
Remarks			

FLOW TEST NO. 2

Well opened at (hour, date):	<u>9:00 AM 11-7-63</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			<u>X</u>
Pressure at beginning of test.....		<u>889</u>	<u>513</u>
Stabilized? (Yes or No).....		<u>No(inc)</u>	<u>Yes</u>
Maximum pressure during test.....		<u>912</u>	<u>513</u>
Minimum pressure during test.....		<u>889</u>	<u>129</u>
Pressure at conclusion of test.....		<u>912</u>	<u>129</u>
Pressure change during test (Maximum minus Minimum).....		<u>23</u>	<u>384</u>
Was pressure change an increase or a decrease?.....		<u>Inc</u>	<u>Dec</u>
Well closed at (hour, date)	<u>12:30 PM 11-7-63</u>	Total time on Production	<u>3 Hrs. 30 min.</u>
Oil Production		Gas Production	
During Test: <u>71</u> bbls; Grav. <u>36.8</u> ;	During Test	<u>32</u> MCF; GOR	<u>450</u>
<u>6 BW</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

By _____

By [Signature]

Title Area Engineer

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

1. A packer will only be installed in a well when the well is actually completed. Such tests as are required to insure multiple completions within seven days following the completion of the fracture treatment, and whenever remedial work is required during which the packer or the tubing face must be moved, shall be taken at any time that communication is maintained with the well in production.

2. At least _____ minutes before the start of any packer leakage test, the operator shall _____ minutes in advance of the exact time the test is to be _____ minutes before the test also be so notified.

3. The two shut-in zones of the dual completion shall remain shut-in for a minimum of two months. Both zones shall remain shut-in and shall be utilized and for a minimum of two months. The zones may need not remain

4. For the purpose of this test, the engine shall be produced at the normal operating temperature. The engine remains shut-in. Such test shall be conducted until the engine head pressure has become stabilized. The test shall continue until provided however, that the maximum time shall not exceed 14 hours.

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

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

8. The results of the above-described tests shall be filed in triplicate within 14 days after completion of the test. Tests shall be filed with the appropriate District file of the New Mexico Oil Conservation Commission in Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure and loading 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 year 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 charts must be permanently filed in the operator's office. Form O-16 should be accompanied by the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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