

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Arnett-Ramsey "D"			Well No. 6	
Location of Well	Unit K	Sec 21	Twp 21S	Rge 36E	County Leas		
	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	Jalmat		Oil	Flow	Tbg.	1 1/2"	
Lower Compl	South Eunice		Oil	Pump	Tbg.	2" WQ	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:15 a.m., 7-23-62

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>10:15 a.m., 7-24-62</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>423</u>	<u>336</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>423</u>	<u>367</u>
Minimum pressure during test.....	<u>0</u>	<u>336</u>
Pressure at conclusion of test.....	<u>310</u>	<u>367</u>
Pressure change during test (Maximum minus Minimum).....	<u>423</u>	<u>31</u>
Was pressure change an increase or a decrease?.....	<u>Deer.</u>	<u>Iner.</u>
Well closed at (hour, date): <u>10:15 a.m., 7-25-62</u>	Total Time On Production <u>24 hrs</u>	
Oil Production During Test: <u>58</u> bbls; Grav. <u>35.1</u>	Gas Production During Test: <u>235.0</u> MCF; GOR <u>4052</u>	

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 10:15 a.m., 7-26-62

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>451</u>	<u>367</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>451</u>	<u>367</u>
Minimum pressure during test.....	<u>451</u>	<u>35</u>
Pressure at conclusion of test.....	<u>451</u>	<u>35</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>332</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>Deer.</u>
Well closed at (hour, date): <u>10:15 a.m., 7-27-62</u>	Total time on Production <u>24 hrs</u>	
Oil Production During Test: <u>9</u> bbls; Grav. <u>34.6</u>	Gas Production During Test: <u>215.0</u> MCF; GOR <u>23,889</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
By _____
Title _____

Operator GULF OIL CORPORATION
By Original signed by Ray Iles
RAY ILES
Title Well Tester
Date 7-30-62

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well and all completions shall be completed within 90 days and annually thereafter as prescribed by the Order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within 90 days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing has been disturbed. Tests shall also be taken at any time that a malfunction is suspected or when requested by the Commission.

2. At least 72 hours prior to the commencement of any packet leakage test the operator shall notify the Commission in writing of the exact time and test to be performed. Different operators shall also be so notified.

3. The design of the test shall ensure that both zones of the drill
completer are exposed to the maximum stabilization time. Both zones shall remain
shot in place until stabilization is achieved and a minimum of 10
minutes shall be provided however, if they need not remain
shot in place for 10 minutes.

4. The zone shall be closed until the tank bottom shall be protected at the time of production and the other zone remains stable. Once test shall be completed until the flowing bottom pressure has become stabilized. A minimum of 48 hours tested or provided however that the flow rate will continue for more than 24 hours.

10. Upon completion of the work, the contractor shall again be put
in accordance with the original plan.

3. Flow Test No. 1 shall be repeated even though no leak was indicated during Flow Test No. 1. The quantity of 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 where the previously shut-in zone is produced.

1. Air pressures throughout the entire test shall be continuously measured and recorded with reliable 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 the flow test.

Leakage test results and test results shall be filed in triplicate within 30 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission or Northeast New Mexico District Leakage Test Form Revised 11-1-58, together with the original gas-oil recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the pressure-time chart, the operator may construct a pressure versus time curve for each test run, 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 may be permanently filed in the operator's office. Form C-116 shall also accompany the District Leakage Test Form when the test period coincides with a gas-oil ratio test period.