

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEASTERN NEW MEXICO PACIFIC LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Eunice King Central Drinkard Unit			Well No. 5 110
Location of Well	Unit F	Sec 28	Twp 21S	Rge 37E	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	Blinebry		Gas	Flow	Tbg.	—
Lower Compl	Drinkard		Oil	Pump	Tbg.	2" 40

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 a.m., 1-19-76

Well opened at (hour, date): 9:15 a.m., 1-20-76

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	576	231
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	601	231
Minimum pressure during test.....	576	31
Pressure at conclusion of test.....	601	31
Pressure change during test (Maximum minus Minimum).....	25	200
Was pressure change an increase or a decrease?.....	Incr.	Decr.
Well closed at (hour, date): 9:15 a.m., 1-21-76	Total Time On Production 24 hrs	
Oil Production	Gas Production	
During Test: 4 bbls; Grav. 38.1	During Test 30.0	MCF; GOR 7500
Remarks		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:15 a.m., 1-22-76		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	625	345
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	625	345
Minimum pressure during test.....	168	245
Pressure at conclusion of test.....	168	245
Pressure change during test (Maximum minus Minimum).....	457	100
Was pressure change an increase or a decrease?.....	Decr.	Decr.
Well closed at (hour, date): 9:15 a.m., 1-23-76	Total time on Production 24 hrs	
Oil Production	Gas Production	
During Test: 0 bbls; Grav. —	During Test 743.0	MCF; GOR —
Remarks		

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

Approved _____
New Mexico Oil Conservation Commission

Operator Original Corporation

By _____
W. E. Hallmark

BY _____
Title _____
Date _____

Title Well Tester
Date 2-3-76

SOUTH AFRICAN ENVIRONMENTAL MANAGEMENT TEST DISTRIBUTIONS

- A packer leakage test shall be conducted on each suitably cased hole within seven days after actual completion of the well, and immediately thereafter as prescribed by the order requiring the well to be completed. The test shall be conducted on all suitable completions within seven days after completion of the well, or at such other time as may be determined by the operator, provided that the test shall be completed within a period of thirty days following the last described points, hereinafter set out, at any time that consideration is suggested or when requested by the Commission.
2. At least 72 hours prior to the commencement of any pressure 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 stable for pressure stabilization. Both zones shall remain shut-in until the wellhead 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.
5. In accordance with Paragraph 3 above.
6. Flow Test No. 1 shall be conducted even though no test was instructed during Flow Test No. 1. Procedure for Flow Test No. 2 is in Part C, Section 28 for Flow Test No. 2 except that the flowline is produced at a constant rate during the previously shut-in zone is produced.
7. All procedures throughout the entire test, shall be continuously monitored 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 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 Packer Leakage Test Form Revised 11-10-59, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the diamond 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-116 shall also accompany the Packer Leakage Test form when the test period coincides with a gas-oil ratio test period.

