

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company				Lease State 157 "A"		Well No. 2	
Location of Well	Unit J	Sec 9	Twp 22	Rge 36	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		Gas	Flow	Csg.	-	
Lower Compl	South Danice		Oil	Flow	Tbg.	19/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **10:00 AM 10-9-62**

Well opened at (hour, date): **7:00 PM 10-10-62**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	430	120
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	430	120
Minimum pressure during test.....	330	120
Pressure at conclusion of test.....	335	120
Pressure change during test (Maximum minus Minimum).....	100	0
Was pressure change an increase or a decrease?.....	decrease	-
Well closed at (hour, date): 9:00 AM 10-11-62	Total Time On Production 14 hrs	
Oil Production	Gas Production	
During Test: - bbls; Grav. - ;	During Test 210 MCF; GOR -	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 10:30 AM 10-12-62		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	435	130
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	435	130
Minimum pressure during test.....	430	45
Pressure at conclusion of test.....	430	45
Pressure change during test (Maximum minus Minimum).....	5	85
Was pressure change an increase or a decrease?.....	decrease	decrease
Well closed at (hour, date): 6:00 PM 10-12-62	Total time on Production 7.5 hrs	
Oil Production	Gas Production	
During Test: 2 bbls; Grav. 34 ;	During Test 82 MCF; GOR 41,000	
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 **SINCLAIR OIL & GAS COMPANY**

By _____

Title **Duly Authorized Agent**

Date **October 16, 1962**

INSTRUCTIONS

A packer's leakage test shall be commenced on each multiple completed well within seven days after actual completion of the well, and shall be thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven 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 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 tanker 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 requires test shall commence when both hoses of the dual completion are shut-in for pressure stabilization. Both hoses shall not be shut-in until the well-head pressure in each has stabilized and for a minimum of two days. The latter, provided however, that they need not remain shut-in more than 14 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. The 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.

9. Following receipt of this test No. 1 the #21 shot again to shut
in the gas below.

4. Flow Test No. 2 shall be conducted even though no flow was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 shall 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.

4. 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 five times at the beginning and once at the end of each flow test.

4. The results of the above-described tests shall be listed in triplicate within 15 days after completion of the test. Results shall be filed with the supervisor, the District Office of the New Mexico Conservation Commission or Southeast New Mexico Packer Leakage Test Form Revised 1-1968, together with the original pressure recording gauge charts with all the lead-in and bleed-off periods which were taken before the pump is put on line. The foregoing charts, the operator may construct a pressure versus time chart, starting at zero at any test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all dead-in, tight, loose or leaking valves which were taken. If the pressure curve is submitted, the original charts must be permanently filed in the operator's office. Form No. 1-1968, issued by the company the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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