## NEW TXICO OIL CONSERVATION COMMISSIES

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Derator Continen	tal Oil Company	Leas	e Lockhart 3-	• •	Well No. 11
Location Unit I	Sec 11	Twp 21	Rge 37	County	Lea
of Well		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size
Upper Terry B1	eservoir or Pool	Oil	F	Tbg.	Open
Lower		0i1	p	Tbg.	Open
Compl Dilikala		FLOW TEST	NO. 1		
	. (1				
Both zones shut-in			1/3/67	Upper Completio	Lower n Completion
Well opened at (ho	ur, date):				
Indicate by (X)	the zone producing			598	200
Pressure at beginn	ing of test			Yes	Yes
Stabilized? (Yes o	r No)	606	200		
Maximum pressure d					48
Minimum pressure d	uring test	••••••		606	48
Pressure at conclu	sion of test	• • • • • • • • • • • • •		8	152
Pressure change du	ring test (Maximum	n minus Minimum	.)	Incre	ase Decrease
Was pressure change Well closed at (ho	ge an increase or a	decrease?	Total T	ime On hours	
Well closed at (he Oil Production During Test:	our, date): <u>9:30 A</u> bbls; Grav	Gas Pr 37 ; During	Product on 52	MCF; GOR	2,167
Well opened at (he	our, date): 9:30	FLOW TEST	7	Upper Completi	Lower on Completion
Indi <b>ca</b> te b <b>y</b> ( X	) the zone produc	ing		X	
Pressure at begin	ning of test				
Stabilized? (Yes	or No)	• • • • • • • • • • •		163	No No
Maximum pressure	during test		• • • • • • • • • • • • • • • • •	641	168
Minimum pressure	during test		• • • • • • • • • • • • • • • •	205/	62
	usion of test				62
	uring test (Maximu			476	
	•			Decre	ase Decreas
	9:30	A.M. 1/6/67	Product	ion 24 hor	urs
Oil Production During Test:	22 bbls; Grav	36 ;During	Test426	MCF; GOR_1	9,364
Remarks * Fluid	d loading. No	evidence or	Communicacions		
I hereby certify	that the informat:	ion herein cont	ained is true and	complete to the	e best of my
knowledge.		. 7	Operator Con	tinental Oil	Company
Approved	Conservation Commi	19 V	В <b>у</b>	SIGNED: R. L. FREEBO	RIP L Feelow
	Conservation Commit	₩ <b>₩₹*</b>	Sı	up <b>ervisi</b> ng En	gineer
By		- 13 - 777 (1)	Title	/10/67	
Title	<del>(4) PTIF (1)</del>		Date		

## SOUTHEAST NEW MEXICO PACKER LEAKA ST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed 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 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.
- 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.
- 5. Following one on of Flow Test No. 1, the well shall again be shut-in, in additional on the state of the shall again be shut-
- 6. Flow lest No. 2 shall be conducted even though no leak was indicated during flow lest No. 1 Procedure for Flow Test No. 2 is to be the same as for flow fast No. 3 except that the previously produced zone shall remain shut-in some toe previously shut-in zone is produced.
- 7. All pressures, throughout the entire test, shall be continuously measured and semerand 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.
- beginning and once it 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 11-1-58, together will the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesult charts, the operator may construct a pressure versus changes which may be officeted 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. Pers of 18 Sections with a gas-oil ratio test period.

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