## NEW VEXICO OIL CONSERVATION COMMISSION

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

(C	<del></del>		Clair Off Corporat	of Mergell	т.	
Operator	Sinclair Oil	& Gas Company	Meetive March 4, 1	e Company 969 E. L. Steele:		Well No. 2
Location		Sec	Twp	Rge	County	
of Well	N	19	Type of Prod	37 E		Lea
	Name of Rese	ervoir or Pool	(Oil or Gas)	Flow, Art Lift	1 .	Choke Siz
Upper Compl	Jelmat		Gas	Flow	Csg	
Lower	Langlie Matt	ix	011	Flow	Tbg	3/4
			<del></del>			1 3/4
			FLOW TEST			
Both zon	es shut-in at	(hour, date):_	11:00 AM F	eb. 27, 1968	Upper	Lower
Vell ope	ned at (hour,	date):	9:15 AM F	eb. 28, 1968	Completion	
[ndicate	by (X) the	zone producing	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	x
ressure'	at beginning	of test	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • •	480	600
						Yes
					<del></del>	
					-	600
inimum	pressure duri	ng test	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	480	180
'ressure	at conclusio	n of test	• • • • • • • • • • • • • • • • • • • •	•••••••	480	180
ressure	change durin	g test (Maximum	minus Minimum).	• • • • • • • • • • • • • • • • • • • •		420
as pres	sure change a	n in <b>crea</b> se or a	decrease?	• • • • • • • • • • • • • • • •	No Change	Decrease
ell clos	sed at (hour,	date): 9:00 A	M Feb. 29. 1968	Total Ti Producti	ime On	
il Produ	<b>uc</b> tion		Gas Prod	uction	MCF; GOR	
		bois, diav.	, narring i	escisin_	MCF; GOR	**
Mell oper	ned at (hour,	date):	FLOW TEST N		Upper Completion	
					х	-
				March 1, 1968		
						390
					•••••	
					• • • • •	
					•••••	
					• • • • •	
ressure	change during	test (Maximum	minus Minimum).	• • • • • • • • • • • • • • • • • •	• • • • • •	
as press	ure change an	increase or a	decrease?		• • • • •	
ell clos	ed at (hour,	date)		Production	e on n	
uring Te	st:b	bls; Grav	Gas Productions Test	ction st	_MCF; GOR	
					o Natural system	
	nnual test.			22 124	WELGIEL SYSTEM	
hereby lowledge	certify that	the information	herein containe	ed is true and co	omplete to the be	est of my
		The first part with party	R	/ )perator <u>Sinclai</u>	r Oil & Gas Comp	ANV
proved lew Mexi		vation Commission	1 <b>7</b> ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	y AL	^	
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tle		filming	T	itle <b>Tester - Oil</b>	Reports & Gas S	ervices
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## SOUTHEAST NEW MEXICO PACKER LEAKAGE TOO INSTRUCTIONS

- 1. A packer leakage test shall be commenced on a 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.
- 2. 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 bours thereafter, provided however, that the flow test need not continue for more than 24 hours.

- 5. Following com[lett.42] of Flow Test No. 1, the well shall again be shuttin, in accordance with a aragraph 3 above.
- 6. Flow Test No. 2 b....il be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shuffin while the previously shut-in zone is produced.
- 7. Altamessures, 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 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 with the original pressure recording 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 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.

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