NEW ~TXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Shell	011 Company		Leas St	e ate "V"	I '	Well Wo. 5
	Unit	Sec	Twp	Rge	County	
of Well	Name of Rese	rvoir or Pool	Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	1	Lea Choke Size
Upper Compl Y	ates		Gas	SI	(10g O1 O3g)	
Lower	lorieta		011	Flow		20/64"
			FLOW TEST	NO. 1		
Both zon	es shut-in at	(hour, date):	9:00 AM (MST), 8-20-68		······································
Well ope	ned at (hour,	date):	9:00 AM (MST), 8-21-68	Upper Completion	
Indicate	by (X) the	zone producing.		• • • • • • • • • • • • • • •	• • • • • • •	X
Pressure	at beginning	of test	• • • • • • • • • • • • •	• • • • • • • • • • • • •		325
Stabiliz	ed? (Yes or N	o)	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	····· Yes	Yes
Maximum ;	pressure duri	ng test		••••••	200	325
Minimum	pressure duri	ng test	• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		60
					200	
					-0-	
_	-			Total T		
Oil Prod	uc tion		Gas Pro	duction	ion 15 hour MCF; GOR	
Re marks _			·			
Indicate Pressure Stabilize Maximum Minimum Pressure Pressure Was press Well close Oil Produ	by (X) t at beginning ed? (Yes or N pressure duri pressure duri at conclusio change durin sure change a sed at (hour, uction	of test o) ng test n of test g test (Maximum r n increase or a c date)	ninus Minimum) decrease?	Total time Production		n Completion
Re mar ks_	······································					
I hereby knowledge		the information	herein contain	ned is true and	complete to the b	est of my
Approved	\	rvation Commissio	19	Operator By	SHELL OIL COMPA	
Ву	get)	Jane V		Title Division	n Production Supe	
Title (eptember 10, 1968	

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commence each multiply completed well within seven days after actual completh 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 hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

- 5. Following come stion of Flow Test No. 1, the well shall again be shutin, in accordance the Paragraph 3 above.
- 6. Flow Test No. _ shall 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 shut-in while the previously shut-in zone is produced.
- 7. 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 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 filling 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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