This form is <u>not</u> to be used for reporting packer leakage tests in Southeast New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

NORTHWEST	NEW	MEXICO	PACKER	-LEAKAGE	TEST

		- -	-		_		<u> </u>	- 0' 11 -	Well
Operator_	JE	ROME P.	Mg	HUGH	I	_ease_	lic	ARIIIA	No5
Location	TT 1	T) can ?	G m	wn. 2/	/ R	ze.	4 W	Count	Prod. Medium (The or Css.)
of We∐:	Unit	v sec.	ZT	wh• <u>~~@</u>	Type of Proc	` • l•	Method o	f Prod.	Prod. Medium
	N	ame of Reser	voir	or Pool	(Oil or Gas)	<u>(</u> 1	Flow or A	rt. Lift)	(Tbg. or Csg.)
Upper Completion					GAS				0.56
Lower	1	_			1	l l			
Completion	n /	DAKOTA			GAS		Flo	W	TBG
				PRE-F	LOW SHUT-IN P	RESSU	RE DATA		Stabilized?
		te 10:50 A.M		Length	of $5 dA$	0.7 <	or press	253	(Yes-or No)
		n 8-11-78		time shu	$t-in \frac{\partial \alpha}{\partial t}$	y 5	ST press	7.000	Stabilized?
		te 3:00 P.M.		time shu	or t-in 2dA	/ <	nsie	773	(Yes or No)
Compl Si	nut-1	n 8-14-78		Line Shu	FLOW TEST 1	NO. 1			
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Time					<i>9-16-78</i> sure			_	
(hour, dat		since*	Uppe	r Compl.	Lower Compl.	Te	mp.	Re	marks
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12:00 Noo			1						
8-18-78		2 days	<u></u>	258	<u> 294 </u>	-			
			 						
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Oil:		BOPD b	ased	on	Bbls. in	A == 34	Hrs	·Gr	eavGOR
Gas:	147	7	MCFPI	restea	thru (Orifice EST SHUT-IN P	OI 1	C CC - / •		
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Upper Hou				time shu			psig	·	(Yes or No)
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Commenced		hour, date)	**					oaucing (Up)	er or Lower):
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1100000010	,,, 1 a l	BOPD h	ased	on	Bbls. in dthru (Orific		Hrs.	Grav	·GOR
			MCF	PD; Tested	i thru (Orific	e or	Meter):		
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- 1. A packer leakage tout shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually therexiter 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 picker 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 rones of the deal completion are shut-in for pressure stabilization. Both which shall comain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.
- 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 for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: If, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.
- Following completion of Flow Test No. 1, the well shall again be shutin, in accordance with Paragraph 3 above.
- 6. Flow Test No. 2 shall be conducted even though no lesk 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 zone which was previously shut-in is produced

7. Probables for assemble tests must be measured on each zone with a decay-dight pressure gauge at time intervals as follows: 3-hour tests, immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

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 Artec District Office of the New Mexico Oil Conservation Commission on Northwest New Nexico Packer Leakage Test Form Revised 11-1-58, with all deadwright pressures indicated thereon as well as the flowing temperatures (an zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

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