NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

	Cons	olidated O	il & Gas,	NEW MEXICO PACI	ease NCR	1	WellNo	1 E
Opera or_								
Locat on	** A	C 500 0	2 Trun	26N Rg	- 7W	County	Rio Annih	2
oi M€ T:	Unit.	<u> </u>	<u> </u>	Type of Prod	Method	of Prod.	Prod. Medi	um
	M	ame of Reser	voir or Pool	(Oil or Gas)	(Flow or	Art. Lift)	(Tbg. or Cs	g.)
II	14.	ame of Reser	VO11 01 1001	1 (022 02 03)				
Upper Completion	ا	Mesa Ver	de ·	Gas		Flow	Thg	
Completion Lower	+	Hesa ver	<u>uc</u>	1				
	ا	Dakota		Gas		Flow	The	
Complector	11	Dakota	PRE-	FLOW SHUT-IN PR	ESSURE DATA			
Upper How	r da	t.e	Length	of	SI pres	SS.	Stabilized	
Complia	hıst.—i	n 4-11-84	time sh	ut-in 8 davs	psig	519 _	(Yes or No	
Lower How			Tammella	~ £	IST nres	2 4 -	Stabilized)	
Compl Si	hut-i	n 4-11-84	time sh	ut-in 8 days	psig	1210	(Yes or No	
				u t-in 8 days FLOW TEST N	0. 1	7		
Commenced	at (hour, date)*	4-18-84		Zone pr	cornerus (obbe	er or Lower)	LOWER
			Pre	ssure	Prod. Zone	D		
(hour, dat	te)	since*	Upper Compl.	Lower Compl.	Temp.	Ren	arks	
							~ ~	
4-16-8	34		565	1195		Both zones	SI	
			530	1205		"		
4-17-8	34		532	1205				
, , , ,	,		519	1210		††		
4-18-8	24							
4-19-8	34	*1 day	520	442		Lower zone	flowing	
7-17-9							<u> </u>	
4-20-8	34	2 days	520	390		!!		
	1			<u> 1 </u>		<u> </u>		
Productio	n rat	e during tes	t	מול הואמ	Um	c Gr:	av. GOR	
Oil:		BOPD ba	sed on	Bbls. in	on Moton .	S•UI		
Gas:		950_N	CFPD; Tested	thru (Orifice TEST SHUT-IN PR	ATAN TENEPT	METER		
			MID-	of	SI pre		Stabilized	?
Upper Hour, date			time sh	Length of time shut-in		psig)
Compl Shut-in time s Lower Hour, date Lengt			Lengt.h	Length of		SI press.		?
	u gua	106			1		(Yes or No	}
Compl S			I time sh	ut-in	psig		Tes or we	
Compl S	hut -i		time sh	rut-in FLOW TEST N	0. 2			
	hut-i	hour, date)	-	FLOW TEST N	O. 2 Zone p	roducing (Upp		
Commenced	inut-i	hour, date)	÷*	FLOW TEST N	O. 2 Zone prod. Zone	roducing (Upp	er or Lower)	
Commenced	inut-i	hour, date)	÷*	FLOW TEST N	O. 2 Zone prod. Zone	roducing (Upp		
Commenced	inut-i	hour, date)	÷*	FLOW TEST N	O. 2 Zone prod. Zone	roducing (Upp	er or Lower)	
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Commenced	inut-i	hour, date)	÷*	FLOW TEST N	O. 2 Zone prod. Zone	roducing (Upported Res	er or Lower) marks	
Commenced	inut-i	hour, date)	÷*	FLOW TEST N	O. 2 Zone prod. Zone	Remarks of the second of the s	er or Lower) marks	
Commenced	inut-i	hour, date)	÷*	FLOW TEST N	O. 2 Zone prod. Zone	roducing (Upported Res	er or Lower) marks	
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Commenced Time (hour, da	inut-i	hour, date)* Lapsed time since **	Pre Upper Compl.	FLOW TEST Nessure Lower Compl.	O. 2 Zone prod. Zone Temp.	Reserved to the second	er or Lower) marks DIV.	
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- 1. A packer leakage test challes conditions, has obtained a spletci well within seven area after a challes, performed the well, and animally thereafter as prescribed by the order of the interpretable explications. Such tests shall also be a condition till militable explications within seven days following recomplication is no commodal or fracture treatment, and whenever remedial work to the document and eliminar which the passer or the tubing have been distinct. These small also be taken at any time that communication is suspended or with 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, provided bowever, 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.
- 5. 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 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 zone which was previously shut-in is produced.

- 7. Pressures for gas-zone tests must be measured to a fine still a deaweight pressure gauge at time intervals as follows: descent tests; imadiately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at he selv intervals thereafter, including one pressure measurement immediately riter 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, errod (at approximately the midway point) and immediately prior to the ion-clusion 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-bour oil zone tests: all pressures, throughout the entire test, shail 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.
- 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 Aztec District Office of the New Mexico Oil Conservation Commission on Northwest New Mexico Packer Leakage Test Form Revised il-1-58, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas 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.

