## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator		Northwest	Pinel	ine Corno	ration	Lea	se	Rosa		Well No#80	
Location											
of Well:	Unit	<u>K</u> _Sec	<u>8</u> T	мр•	31N	Rge.	Met	5W	County	Rio Arrib Prod. Mediu	<u>a</u>
		Name of Res	ervoir	or Pool						(Tbg. or Csg	
Upper Completio	n	Mesa Verde			Gas	Gas		-low		Tubing	
Lower Completic	n	Dakota			Gas					Tubing	
Upper Hou	r. da	ıte		PRE-F Length	LCW SHU	r-IN PRES	SURE DA	ress.	Csq. 471	Stabilized?	· · · · · · · · · · · · · · · · · · ·
Compl S	hut-i	n Sept. 2	3, 198	5time shu	t-in	3 Days	ps	sig	Tbg. 471	(Yes or No)	No
Lower Hou Compl S	r, da hut-i	ite In Sept. 2	3, 198	<b>5</b> time snu	t-in	3 Days	ps	oress.	Tbg. 1463	Stabilized? (Yes or No)	No
Commenced	at (	hour. date	)* Se	ptember 2	6th, 198	1851 30. 35	Zone	prod	ucing (Uppe	r or Lower):	Lower
Time		Lapsed tim	e	Pres	sure	F	rod. Zo	one	D	r or Lower):	
(hour, da	te)	since*		473	Lower	CompT•	Temp.		Rem	arks	
09-27-85		24 Hrs.	Tbq.	473 474	Tbq. 4	14	64 <sup>0</sup>	Q	= 1734 MCF/	D.	
09-28-85		48 Hrs.	Tbg.	474	Tbg. 4	04	60 <sup>0</sup>	Q	= 1343 MCF/	D.	
}											
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Production	n rat	e during t	est		L				<del></del>		
Oil:		BOPD	based	on	Bb	ls.in	Meter	Hrs	Gra	vGOR	
Gas:			_Morro	MID-T	EST SHU	r-IN PRES	SURE DA	ATA			
Upper Hou	ır, da	ite		Length	of		SI p	oress.		Stabilized?	
Compl Shut-in time shut Lower Hour, date Length						SI press.			(Yes or No) Stabilized?		
Compl S				time shu			ps			(Yes or No)	
			\		FLOW	TEST NO.			uaina /IIma	r or Lower):	
Time		hour, date Lapsed tim	e l	Pres	sure	TF	rod. Zone		rerug (oppe	T OF LOWER):	<del>,</del>
		since **	Uppe	r Compl.	Lower	Compl.	Temp.		Rem	arks	-
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Production	n rat	e during t	est	· · · · · · · · · · · · · · · · · · ·	-			<del></del>	-	COD	teritor del 4 mages
Oil:		BOPD	based MCFP	on D: Tested	thru (	ls. in Orifice o	r Meter	rs r):	Grav	GOR	<del></del>
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REMARKS:		<del></del>				<del></del>	·		·.		<del></del>
T hereby	cart:	fy that th	e info	rmation h	erein c	ontained	is true	and	complete to	the best of	my
knowledge					:	-	•				
Approved:			H/T 1	7 1985	<del></del>			4	Pipeline Co		······································
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- 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.
- Following completion of Flow Test No. i, 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 realing shut-in while the zone which was previously shut-in is produced.

- 7. Pressures for gas-zone, tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3-bour tests immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first tour thereof, and at hourly intervals therester, 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 sidway 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 seasured 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 Aztec District Office of the New Mexico Oll Conservation Commission on Northwest New Mexico Packer Leakage Test Form Revised II-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 Nacker 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 reflucted 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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