API # 30-0_39 - 06508 Name of Reservoir or Pool Type of Prod. Method of Prod. Prod. Method of Prod. Upper Ompletion Pictured Cliffts / Chacka Gas Flow The 3 Ompletion Pictured Cliffts / Chacka Gas Flow The 3 Ompletion Pictured Cliffts / Chacka Gas Flow The 3 Completion Pictured Cliffts / Chacka Gas Flow The 3 Ompletion Mess Var Jet / Machon Machon A set / The 3 Ompletion Picture of Carl Prod. Gas on N Completion Picture of Carl Prod. Of The Shut-In Stabilized? (Colspan="2">Of the 2 or N Completion Picture of Colspan= The Tessure Data Completion Stabilized? (Velow N Completion Stabilized? (Velow N Completion	'his form is <u>not</u> sed for reporti acker leakage t a Southeast Nev	ng ests	NEW MEXI NORTHWEST N	CO OIL CONSE IEW MEXICO P				Page 1 Revised June 10, 2003	
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$2-28-13$ 72 123 62 57 $Flowing$ gvo 96 129 71 $U6^\circ$ $Flowing$ gvo $2-3o-13$ 120 130 78 35° $Flowing$ gvo 120 130 63 $U2^\circ$ $Flowing$ gvo 144 130 63 $U2^\circ$ $Flowing$ gvo 144 130 63 $U2^\circ$ $Flowing$ gvo 144 130 63 $U2^\circ$ $Flowing$ gvo $Gorden7.98^\circBbis. In144Hrs.gvoGordenGordenGordenGordengvoMCFPD; Test thru (Orifice or Meter):GordenGordenmid-Test Shut-InLength of Time Shut-InSI Press. PsigStabilized? (Yes or NcompletionLowerHour, Date, Shut-InLength of Time Shut-InSI Press. PsigStabilized? (Yes or Ncompletion(Continue on reverse side)(Continue on reverse side)Si Press. PsigStabilized? (Yes or N)$		48	128	68			Flowing	:	
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NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

			Flow Te	est No	o. 2						
Commenced a	t (hour, date)**					Zone producing (Upper or Lower):					
Time	Lapsed Time	Pre	ssure		Prod. Zone	Remarks					
(Hour, Date)	Since**	Upper Compl.	Lower Comp	1.	Temp						
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	-					·····					
Production rate	during test	•									
Oil:	BOPD based	l on	······································	Hrs	Grav	GOR					
	MCFP	D; Test thru (Ori	tice or Meter):		<u>.</u>						
Remarks:		· .			·						
	· .		• •								
	that the informat										
Approved		2/17	20_14	 	Operator	Cross Tim	bers Energy				
New Mexico O		JIVISION	2	•	By Rich	K Dela Ba	ibers Energy ircena				
Зу	TSA.	& Gas Inspec		Title Lease Operator							
Fitle		strict #3	E-mail Address tde labarcena Oltfieldsves.								

Northwest New Mexico Packer Leakage Test Instructions

Date

A packer leakage test shall be commenced on each multiply ompleted well within seven days after actual completion of the well, and nnually thereafter as prescribed by the order authorizing the multiple ompletion. Such tests shall also be commenced on all multiple ompletions within seven days following recompletion and/or chemical . r fracture treatment, and whenever remedial work has been done on a rell during which the packer or the tubing have been disturbed. Tests hall also be taken at any time that communication is suspected or when equested by the Division.

At least 72 hours prior to the commencement of any packer leakage :st, the operator shall notify the Division in writing of the exact time the sst is to be commenced. Offset operators shall also be so notified.

. The packer leakage test shall commence when both zones of the dual ompletion are shut-in for pressure stabilization. Both zones shall remain nut-in until the well-head pressure in each has stabilized, provided owever, that they need not remain shut-in more than seven days.

For Flow Test No. 1, one zone of the dual completion shall be roduced at the normal rate of production while the other zone remains nut-in. Such test shall be continued for seven days in case of a gas well nd 24 hours in the case of an oil well. Note: if, on an initial packer akage test, a gas well is being flowed to the atmosphere due to the lack f a pipeline connection the flow period shall be three hours.

Following completion of Flow Test No. 1, the well shall again be iut-in, in accordance with Paragraph 5 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.

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7. Pressures for gas-zone tests must be measured on each zone with a deadweight 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 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 Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 11-16-98. with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).