NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Manse of Reservoir or Pool Collaboration	Decision Name of Reservoir or Pool Type of Prod. Method of Prod. Prod. Method of Method		_		_			Well
Mage of Reservoir or Pool Coll or Gas Flow County Rio Artha Prod. Method of Prod. Prod. Method of Prod. Pro.	Second S		Petroleum Cor	sultants, Inc	L	easeI	ybrook	No1
Name of Reservoir or Pool Coll or Gas CFlow or Art. Lift CTDg. or Cag.	Type of Prod. Type of Prod		t a Sec. 1	o Two.	24n Rg	e. 6W	County	7 Rio Arriba
Description Dakota	Cas				Type of Prod	 Method 	of Prod.	Prod. Medium
Cas	Cas		Name of Rese	rvoir or Pool	(Oil or Gas)	(Flow or	Art. Lift)	(Tbg. or Csg.)
PRE-FLOW SHUT-IN PRESSURE DATA	Description	Completion (n Gallup		Gas	F1ow		Tbg.
Preserved Pres	Deper Hour, date 10:00 A.M. Length of 72 hrs. Si press. Stabilized? No. Compl. Shut-in 1/15/76. Lime shut-in 72 hrs. Design 400 (Yes or No.) No.	Lower Dakota			Gas	Flow		Tbg.
Shut-in 11/15/76 time shut-in 72 hrs. psig 400 (Yes or No) No work Hour, date 10:00 AM Length of ormal Towns Shut-in 11/20/76 time shut-in 72 hrs. psig 565 (Yes or No) No	Compose Shut-in 1/15/76 Line shut-in 72 hrs. Day Shut-in 1/15/76 Line shut-in 72 hrs. Day Shut-in 1/20/76 Line shut-in 72 hrs. Day Shut-in 1/20/76 Line shut-in 72 hrs. Day Shut-in 1/20/76 Line shut-in 72 hrs. Day Shut-in Shut-in 1/20/76 Line shut-in Tempose Shut-in Shut-in Shut-in Line shut-in Line shut-in Line shut-in	Omplectori		PRE-F	LOW SHUT-IN PRI	RESSURE DATA		
Constraint 11/20/76 Line shut-in 72 hrs. SI press. Stabilized? One producing (Upper or Lower):	Lower Hour, date 10:00 A.M. Length of 72 hrs. SI press. 565 (Yes or No) No No No Stabilized?	Upper Hour, date 10:00 A.M. Length of			of 72 ha	SI press.		
Shut-in 11/20/76	Comple Shut-in 1/20/76 time shut-in 72 hrs. psig 565 (Yes or No) No FLOW TSST NO.							
ommenced at (hour, date)* Time	State	Compl Shut-in 11/20/76 time shut			-in 72 hrs. psig		565	1
Time Lapsed time Fressure Prod. Zone Temp. Remarks	Time Lapsed time Fressure Fred Zone Temp. Remarks					0.1		
Nour	(hour, date) since* Upper Compl. Lower Compl. Temp. Remarks 11/15/76	Commenced at	(hour, date)	* Proc	silre			er or Lower):
11/15/76	11/15/76							arks
11/17/76	11/17/76 48 289 463 SI 11/18/76 72 360 524 Dakota opened 11/19/76 96 385 85 Dakota flow 11/20/76 120 397 55 Dakota flow Production rate during test Oil: BOPD based on Bbls. in Hrs. Grav. GOR Cas: MCFPD; Tested thru (Orifice or Meter): MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date Compl Shut-in Lime shut-in Daily (Yes or No) Commenced at (hour, date) Compl Shut-in time shut-in psig (Yes or No) FLOW TEST NO. 2 Commenced at (hour, date) FLOW TEST NO. 2 Commenced at (hour, date) Froduction rate during test Oil: BOPD based on Bbls. in Hrs. Grav. GOR Remarks Time Lapsed time Pressure Prod. Zone Remarks (hour, date) Since ** Upper Compl. Lower Compl. Temp. Remarks REMARKS: I hereby certify that the information herein contained is true and complete to the best of my knowledge. Approved: JAN 19 97 19 New Mexico Oil Conservation Commission By January President Title President							
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itle PETROLEUM ENGINEER DIST. No. 3 Date November 30, 1976		Title	PETROLEUM EN	GINEER DIST. N	0. 3 Date	No	ovember 30, 19	76

- A packer leakage test shall be commenced on each multiply completed within seven days after actual completion of the well, and annually eafter as prescribed by the order authorizing the actiple completion tests shall also be commenced on all multiple completions in days following recompletion and or chemical or fracture treatment, whenever remedial work has been done on a well during which the packet be tubing have been disturbed. Tests shall also be taken at any time communication is suspected or when requested by the Commission.
- 2. At least 72 hours prior to the commencement of any packer leakage the operator shall notify the Commission in writing of the exact time test is to be commenced. Offset operators shall also be so notified.

 3. The packer leakage test shall commence when both sches of the dual completion are shut-in for pressure stabilization. So't Access Stat. main shut-in until the well-head pressure in each mas stabilized. Siev however, that they need not remain shut-in more than seven days.
- for Flow Test No. 1, one zone of the dual completion shall be 7000 the normal rate of production while the other zone (cashes Shull in test shall be continued for seven days in the case of a gas well 24 hours in the case of an oil well. Note: It of an initial parakage test, a gas well is being flowed to the almosphere due to inta pipeline connection the flow period shall be cared loars.
- Following completion of Flow Test No. 1, the well that again be in accordance with Paragraph 3 above $\,$
- 6. Flow Test No. 2 shall be conducted even though no eak was indicated during Flow Test No. 1. Procedure fo. Flow Test No. 2 is to be the same as for Flow Test No. 4 except that the provincesty produced zone chart cemain shut-in while the zone which was previously shutten to proceded.

deadle in the same gauge at time intervals as follows: 3-hour tests.

Immediately prior to the beginning of each flow-period, at fifteen-minutiatervals during the first hour thereof, and at hourly intervals therefiter, 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 fests; all pressures, throughout the entire test, whoil he continuously measured and recorded with recording pressure gattles, the accuracy of which must be checked at least twice, once at the segiming and once at the end of each test, with a deadweight pressure large. 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 peing taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 15 cays after completion of the test. Tests shall be filed with the acted district Office of the New Mexico Oil Conservation Commission on Spithwest New Mexico Packer Leakage Test Form Revised II-I-58, with all deadweight pressures indicated thereon as well as the flowing temperatures (and mones only) and gravity and GOR (oil zones only). A pressure versus time surve for each zone of each test shall be constructed on the reverse tide of the Packer Leakage Test form with all deadweight pressure points then 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 result of the Packer Leakage Test form.

