NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

			NEW PERICO INC			Well
Operator	Consolidate	d Oil & Gas.	Inc. L	ease Ap	ache	No4-16
Location of Well: Unit J Sec. 16 Twp. 26N Rge. 3W County Ric Arriba						
01 ,,,011, 011			Type of Prod	 Method 	of Prod.	Prod. Medium
	Name of Rese	rvoir or Pool	(Oil or Gas)	(Flow or	Art. Lift)	(Tbg. or Csg.)
	mpletion Tapicito Pictured Cliffs		Gas	Gas Flow		Tubing
Lower Completion Basin Dakota			Gas	Flow		Tuhing
			FLOW SHUT-IN PR			Tubing
Upper Hour, date 9:00 A.M. Length of			of	SI pre	55.	Stabilized?
Compl Shut-in 7/8/63 time shut Lower Hour, date 9:00 A. M. Length of			ut-in 7 days	psig SI pres		(Yes or No) No Stabilized?
Compl Shut-in 7/8/63 time shut			ut-in 7 days	psig		(Yes or No)No
FLOW TEST NO. 1						
Commenced at (hour, date)* 9:15 A. M., 7/15/63 Zone producing (Upper or Lower) Upper						
(hour, date)	since*	Upper Compl.	Lower Compl.	Temp.	Re	emarks
7/15/63						
9:30 A. M.	15 min.	131	1198			
9:45 A. M.	30 min.	99	1198			
10:00 A. M.	45 min.	74	1199			·
10:15 A. M.	l hr.	67	1200			
11:15 A. M.	2 hr.	11	1200			
12:15 R. M.	3 hr.	4	1201			
Production rate during test						
Oil: BOPD based on Bbls. in Hrs. Grav. GOR Gas: 218 MCFPD; Tested thru (Orifice or Meter): Orifice						
MID-TEST SHUT-IN PRESSURE DATA						
Upper Hour,	late 12:15 P.	M. Length	of	SI pres	35.	Stabilized?
Lower Hour	in 7/15/63	time shu	ut-in 7 days of	SI pres		(Yes or No) No Stabilized?
Compl Shut	in 7/8/63	time shu	it-in 14 days	psig		(Yes or No) No
Commonand at	(hour dota)	** 10: 0 0 A. M.	FLOW TEST N	0. 2	andunian (Una	on on Toyon Var
Time	Lapsed time	Pres	sure	Prod. Zone	oducing (opt	er or Lower):Lower
			Lower Compl.			marks
7/22/63	15	074				
10:15 A. M.		974	0			
10:30 A. M.		974	0			
10:45 A. M.	45 min.	975	0			
11:00 A. M.	l hr.	975	75	52		
12:00 P. M.	2 hr.	976	71	53		
1:00 P.M.		977	30	53		
Production ra	ate during tem BOPD ba	st ased on	Bbls. in	Hrs.	Grav.	GOR
Oil: BOPD based on Bbls. in Hrs. Grav. GOR Gas: 561 MCFPD; Tested thru (Orifice or Meter): Orifice						Ce
REMARKS:						
REMARAS:				<u> </u>		
I hereby certify that the information herein contained is true and complete to the best of my						
knowledge. Operator Consolidated Oil & Consolidate						
Approved: 7-3/19/3 New Mexico Oil Conservation Commission By Walling By						
By Cert Secolocek Title Chief					ef Engineer	14 0 3 198 1
Title PETROLEUM ENGINFER DIST NO. 3 Date July 30. 1963 OIL CON.						
D:57						

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- A packer leakage test shall be commenced on each multiply completed within seven days after actual completion of the well, and annually mafter as prescribed by the order authorizing the multiple completion. tests shall also be commenced on all multiple completions within a days following recompletion and/or chemical or fracture treatment, whenever remedial work has been done on a well during which the packer be tubing have been disturbed. Tests shall also be taken at any time communication is suspected or when requested by the Commission.
- At least 72 hours prior to the commencement of any packer leakage test, operator shall notify the Commission in writing of the exact time the t is to be commenced. Offset operators shall also be so notified.
- The packer leakage test shall commence when both zones of the dual pletion are shut-in for pressure stabilization. Both zones shall reashut-in until the well-head pressure in each has stabilized, provided ever, 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 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 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 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 teats; 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 Commission on Northwest New Mexico Packer Leakage Test Form Revised 11-1-58, 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.

