3-[illegible] Aztec
1-Bill Cutler
1-File

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Revised 11-1-58

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator PACIFIC NORTHWEST PIPELINE CORPORATION Lease San Juan 28-4 Well No. 6-11

Location of Well: Unit ____ Sec. 11 Twp. 28 North Rge. 4 West County Rio Arriba

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Upper Completion	Pictured Cliffs	Gas	Flow	Casing
Lower Completion	Mesa Verde	Gas	T. A.	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Compl	11-6-58	7 days	923	
Lower Compl	T. A.		[illegible]	

FLOW TEST NO. 1

Commenced at (hour, date)* 11-13-58 Zone producing (Upper or [illegible]): [illegible]

Time (hour, date)	Lapsed time since*	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks
11-17-58	4 days	559	543		
11-20-58	7 days	630	623	50°	Well l[illegible]

Production rate during test
Oil: ____ BOPD based on ____ Bbls. in ____ Hrs. ____ Grav. ____ GOR ____
Gas: ____ MCFPD; Tested thru (Orifice or Meter): ____

MID-TEST SHUT-IN PRESSURE DATA

	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Compl	11-20-58	8 days	[illegible]	
Lower Compl			[illegible]	

FLOW TEST NO. 2

Commenced at (hour, date)** Zone producing (Upper or Lower):

Time (hour, date)	Lapsed time since **	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks

Production rate during test
Oil: ____ BOPD based on ____ Bbls. in ____ Hrs. ____ Grav. ____ GOR ____
Gas: ____ MCFPD; Tested thru (Orifice or Meter): ____

REMARKS: Producing to El Paso System from Pictured Cliffs only. Mesa Verde temporarily [illegible]

Bill Cutler

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DEC 18 1958
OIL CON. COM.
DIST. 3

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: ____ 19____
New Mexico Oil Conservation Commission

By ____

Title ____

Operator PACIFIC NORTHWEST PIPELINE CORPORATION

By Original signed by G. H. Peppin

Title District Production Manager

Date December 16, 1958

[illegible] NEW ME[illegible] PACKER LEAKAGE TEST INSTRUCTIONS

1. [illegible] leakage test shall be commenced on each multiply completed well [illegible] seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or [illegible] have been disturbed. Tests shall also be taken at any time that [illegible] is suspected or when requested by the Commission.

2. At [illegible] hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test [illegible] 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 however [illegible] 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 [illegible] rate of production while the other zone remains shut-in. Such [illegible] 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 [illegible] connection the flow period shall be three hours.

5. [illegible] completion of Flow Test No. 1, the well shall again be shut-in, 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 [illegible] while the zone which was previously shut-in is produced.

[illegible] shall be measured on each zone with a [illegible] intervals as follows: 3-hour tests: [illegible] each flow-period, at fifteen-minute [illegible] thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each [illegible] tests: immediately prior to the beginning of each [illegible] least one time during each flow period (at approximately [illegible] and immediately prior to the conclusion of each flow period [illegible] pressures may be taken as desired, or [illegible] previously shown questionable test [illegible].

[illegible] 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges [illegible] be checked at least twice, once at the beginning and once [illegible] each test, with a deadweight pressure gauge. If a well is a gas-[illegible] on an oil-gas dual completion, the recording gauge shall be [illegible] on the oil zone only, with deadweight pressures as required above [illegible] taken on the gas zone.

8. The [illegible] of [illegible] above-described tests shall be filed in triplicate within [illegible] of the test. Tests shall be filed with [illegible] New Mexico Oil Conservation Commission on [illegible] Leakage Test Form Revised 11-1-58 with all deadweight [illegible] thereon as well as the flowing temperatures [illegible] and GOR (oil zones only). A pressure versus time [illegible] of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken [illegible] oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These [illegible] changes should also be tabulated on the front of the Packer Leakage Test Form.