

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Well No. 12

Operator Getty Oil Company Lease Jicarilla "C"
Location of Well: Unit C Sec. 33 Twp. 25 N Rge. 5W County Rio Arriba

Name of Reservoir or Pool SO. Blanco Pictured Cliffs Type of Prod. gas Method of Prod. flow Prod. Medium casing
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	<u>SO. Blanco Pictured Cliffs</u>	<u>gas</u>	<u>flow</u>	<u>casing</u>
Lower Completion	<u>Otero Chacra</u>	<u>gas</u>	<u>flow</u>	<u>tubing</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
6-12-77		26	26		Pressure before shut in
6-13-77	24	64	106		Both zones shut in
6-14-77	48	67	152		" " " "
6-15-77	72	69	195		" " " "
6-16-77	96	70	34		Upper zone shut in Lower flow
6-17-77	120	71	27		" " " " " "

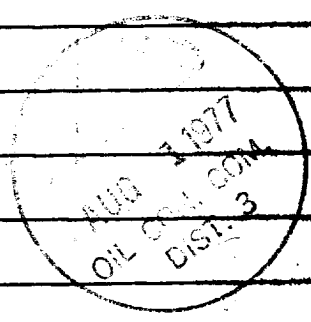
Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		



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

REMARKS: _____

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

Approved: AUG 2 1977 19_____
New Mexico Oil Conservation Commission
By [Signature]
Title PETROLEUM ENGINEER DIST. NO. 3

Operator Getty Oil Company
By Paul O Berhart
Title Engineer Technician
Date 7-28-77

1. A packer leakage test shall be commenced on each multiply completed well within 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 the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the date that 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. Well heads shall be main shut-in until the well-head pressure in each has stabilized. However, however, that they need not remain shut-in more than seven days.

4. For Flow Test No. 1, one zone of the dual completion shall flow 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, for 24 hours in the case of an oil well. Note that in an oil well, a packer leakage test, a gas well is being flowed at the normal rate of production of a pipeline connection the 24-hour test shall be continued.

5. Following 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 as follows: A well shall be shut-in during Flow Test No. 1. Following the 72-hour test, the well shall be as for Flow Test No. 1, except that the well shall be shut-in for the main shut-in while the zone which was previously shut-in is produced.

7. All zone pressures shall be measured on each zone every 24 hours. Zone pressures shall be measured at time intervals as follows: 8-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.

8. 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 described above being taken on the gas zone.

9. The results of the above-described tests shall be filed in triplicate with the Commission. After completion of the test, tests shall be filed with the District Office of the New Mexico Oil Conservation Commission on Northwest New Mexico Packer Leakage Test Form Revised 1-1-58, with all deadweight pressures indicated thereon as well as the flowing temperatures, gas-oil ratio, 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 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 reverse side of the Packer Leakage Test form.

