

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator AMOCO PRODUCTION COMPANY Lease Jicarilla Contract 155 Well No. 24
Location of Well: Unit M Sec. 31 Twp. 26 Rge. 5 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	Otero Chacra	Gas	Flow	Tubing
Lower Completion	Gonzales Mesaverde	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes XXXXX)
	<u>7/20/75</u>	<u>3 days</u>	<u>340</u>	
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes XXXXX)
	<u>7/20/75</u>	<u>3 days</u>	<u>735</u>	

FLOW TEST NO. 1

Commenced at (hour, date)* <u>7-23-75</u>				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>7/23/75</u>	<u>0 days</u>	<u>340</u>	<u>735</u>		<u>Both zones shut in</u>
<u>7/24/75</u>	<u>1 day</u>	<u>350</u>	<u>475</u>		<u>Upper zone shut in, Lower flow</u>
<u>7/25/75</u>	<u>2 days</u>	<u>358</u>	<u>450</u>		<u>Upper zone shut in, Lower flow</u>

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.

AUG 8 1975

Approved: _____ 19_____
New Mexico Oil Conservation Commission

By *A.R. Hendrick*
Title PETROLEUM ENGINEER DIST. NO. 3

Operator AMOCO PRODUCTION COMPANY
Original Signed by R.E. McCLESKEY
By _____
Title Area Engineer
Date 8/5/75

NORTHWEST ISRAELI MEDICAL CENTER 1200 10TH AVENUE S.W. SEATTLE, WA 98104

3. The packer leakage test shall be commenced on each well pig connected well within seven days after actual completion of the well and immediately thereafter as prescribed by the order authorizing the above 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 run at the time that communication is suspected or when requested by the Commission.
4. At least 72 hours prior to the commencement of any packer leakage test the operator shall notify the Commission of a listing of wells for which the test is to be commenced. Offset operators shall also be notified.
5. The packer leakage test shall commence when each zone of a well is complete. Completion is shut-in for pressure stabilization both before and after main shut-in until the well-head pressure in each has stabilized. However, they need not remain shut-in more than seven days.
6. For Flow Test No. 1, the zone of the well completed shall be shut-in at the normal rate of production until the pressure has stabilized. Such test shall be continued for seven days after shut-in. For Flow Test No. 2, for 24 hours in the case of all gas wells, and for 48 hours in the case of a leakage test, a gas well is being flowed at the normal rate of production of a pipeline production the flow rate is to be maintained.
7. Following completion of Flow Test No. 1 and 2, the well shall be shut-in in accordance with paragraph 5.
8. Flow Test No. 3 shall be conducted on each well completed or recompleted during Flow Test No. 2. Production shall be shut-in for 24 hours after shut-in as for Flow Test No. 1 except that the well shall be flowed at the normal rate of main shut-in while the zone being tested is producing.

Pressure measurements shall be made and reported on each zone of each well at the following 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 and 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 device. If a well is a gas-oil or an oil-gas dual completion, the accuracy of a gas-oil dual is required on the oil zone only with deadweight device. It is limited above being taken on the gas zone.

2. The results of the above-described tests shall be filed in triplicate (one copy after completion of the test, Tests 1 and 2, and one copy after completion of Tests 3 and 4) with the Office of the New Mexico State Engineer, 1000 California, N.E., Albuquerque, New Mexico 87106. Package Test Form Revised 11-1-77 and all indicated pressures indicated thereon as well as the flowing capacity and pressure gradient and GOR (oil alone only) - pressure gradient and zone of each test shall be submitted to the State Engineer. Package Test Form with all deadweight pressures indicated thereon for all zones, the pressure curve sheet and all indicated key pressure changes which may be pertinent to the test results. These key pressure changes should also be annotated on the New Mexico Package Test Form.

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Annual Paper Leekage Test
Sireville Contact 155 #24

