

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONSOLIDATED OIL & GAS INC Lease CON HALE Well No. 3 (PD)
Location of Well: Unit A Sec. 26 Twp. 26 Rge. 8 County San Juan

	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 Cliff	Gas	Flow	Tbg.
Lower Completion	Mesa Verde	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	8-8-78	Length of time shut-in	T.A.	SI press. psig	50	Stabilized? (Yes or No)	Yes
Lower Compl	Hour, date Shut-in	8-8-78	Length of time shut-in	T.A.	SI press. psig	6	Stabilized? (Yes or No)	Yes

FLOW TEST NO. 1

Commenced at (hour, date)*				8-11-78		Zone producing (Upper or Lower):			Lower
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone		Remarks			
		Upper Compl.	Lower Compl.	Temp.					
8-9-78	1-Day	50	0			Both Zones Shut In			
8-10-78	2-Days	50	0			Both Zones Shut In			
8-11-78	3-Days	50	0			Both Zones Shut In			
8-11-78	1-Hour	50	0			Blow Lower Zone			
8-11-78	2-Hours	50	0			Blow Lower Zone			
8-11-78	3-Hours	50	0			Blow Lower Zone			

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 0 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		Remarks		
		Upper Compl.	Lower Compl.	Temp.				

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: _____ 19_____
New Mexico Oil Conservation Commission

By _____ Original Signed by _____

Title _____

Operator CONSOLIDATED OIL & GAS INC

By _____

Title Production Foreman

Date _____

NORTHWEST NEW MEXICO PACIFIC LUMBER CO. 1211 10TH AVE. S.W. ALBUQUERQUE, N.M.

1. A packer leakage test shall be commenced on each multiple 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 exact time 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. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided 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 be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days if the zone that was shut-in for 24 hours in the case of an oil well, or for an initial period of a packer leakage test, a gas well is being flowed. If a pressure drop to the level of a pipeline connection the flow period shall be three hours.
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 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.

Pressure and temperature test results measured on each zone at a well are plotted against all time intervals as follows: 5-hour tests immediately prior to the beginning of each flow-period; at fifteen-minute intervals during the first hour thereafter; 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, and at fifteen-minute intervals thereafter, for 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.

94-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauge. 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 part of or of original dual completion, no pressure measurements shall be required on the gas zone early, with deadweight pressure gauge, above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate with the Engineer, completed and signed by the District Engineer of the District Office of the U. S. Army Corps of Engineers, Commission of the Northern New Mexico Packer Leakage Test and Revised Report. It shall indicate pressures indicated thereon as well as the following tabulations:

(a) Pressures (pounds and gravity) and flow (gpm) at each zone. A pressure vessel shall be connected to each zone that shall be connected to the reverse side of the Packer Leakage Test Home and all deadweight pressure points indicated thereon. Record the pressure curve immediately after each key pressure change was made as indicated by the pressure pump charts. These key pressure changes should also be tabulated on the form of the Packer Leakage Test form.