

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Consolidated Oil & Gas, Inc. Lease Rourke Well No. 1E
Location of Well: Unit Sec. 4 Twp. 30N Rge. 13W 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	Gallup	Gas	Flow	Tbg
Lower Completion	Dakota	Gas	Flow	Tbg

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	6-15-84 15:00	187 hrs. 45 min.	1042	Yes
	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	6-15-84 15:00	187 hours	1365	Yes

FLOW TEST NO. 1

Commenced at (hour, date)*		PRESSURE		PROD. ZONE TEMP.	REMARKS
TIME (hour, date)	LAPSED TIME SINCE*	Upper Completion	Lower Completion		
-6-23-84 11:00	15 min.	204	1367		
11:15	30 min.	128	1370		
11:30	45 min.	99	1370		
11:45	1 hour	76	1370		
12:45	2 hours	36	1370		
13:45	3 hours	26	1370		

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JUL 20 1984
OIL CON. DIV.
DIST. 3

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ 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 Completion	13:45 6-23-84	6 days	1037	Yes
	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	15:00 6-15-84	14 days	1372	Yes

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE	Zone producing (Upper or Lower)	REMARKS
9:45	15 min.	1045	30Z	
10:00	30 min.	1049	263	
10:15	45 min.	1049	233	
10:30	1 hour	1050	218	
11:30	2 hour	1051	181	
12:30	3 hours	1051	169	

Production rate during test

BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

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.

Operator Consolidated Oil & Gas, Inc. _____
 By *Barbara E. Key* _____
 Title Prod. & Drilg. Technician _____
 Date 7-13-84 _____

Approved _____
 New Mexico Oil Conservation Division
 Original Signed by CHARLES GHOLSON
 DEPUTY OIL & GAS INSPECTOR, DIST. #3
 JUL 20 1984

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 test authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or tracer 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 Division.

At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operations shall also be so notified.

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.

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 ten days in the case of a gas well and for 24 hours in the case of an oil well. Note: If, on a pipeline connection the flow period shall be three hours.

Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

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

1. Pressures for gas-zone tests must be measured on each zone with a deadweight gauge at time intervals as follows: 3 hours 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 midpoint 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 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 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 Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).