

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Amoco Production Co. Lease State Gas Co. "BQ" Well No. 1E
Location of Well: Unit A Sec. 32 Twp. 29 Rge. 13 County San Juan

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Fbg. or Csg.)
Upper Completion	Gallup	oil	Art Lift	csg.
Lower Completion	Dakota	Gas	flow	fbg

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	St. press. psig	Stabilized? (Yes or No)
Upper Completion	2-15-86	7 Days	144	yes
Lower Completion	2-15-86	7 Days	1690	yes

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower)	
2-22-86				upper	
TIME (hour, date)	LAPSED TIME SINCE*	144 PRESSURE 1690	PROD. ZONE TEMP.	REMARKS	
		Upper Completion	Lower Completion		
2-22-86	15 min	5	1690		upper
2-22-86	30 min	2	1690		upper
2-22-86	45 min	1	1690		upper
2-22-86	1 hr.	1	1690		upper
2-22-86	2 hrs	0	1690		upper
2-22-86	3 hrs	0	1690		upper

Production rate during test

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

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

POST-TEST SHUT-IN PRESSURE DATA

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

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OIL CON. DIV.
DIST. 3

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FLOW TEST NO. 2

TIME (hours, date)	TESTED TIME SINCE **	Upper Completion Pressure	Lower Completion Pressure	TEMP.	REMARKS
3-1-86	15 min	168	1020		Lower
3-1-86	30 min	169	875		Lower
3-1-86	45 min	169	670		Lower
3-1-86	1 hr	170	520		Lower
3-1-86	2 hrs	172	430		Lower
3-1-86	3 hrs	172	400		Lower

Production rate during test

Oil:

Gas:

Remarks:

I + A

MCFPD: Tested thru (Orifice or Meter):

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

Approved _____ MAR 12 1986

New Mexico Oil Conservation Division

Original Signed by CHARLES GHOLSON

By _____

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Title _____

Date _____

Title _____

By _____

Operator _____

Caraco Production Co.

JJ Baruch

Megs. Tech.

3-6-86

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after annual 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 acceptance and/or drilling or fracturing treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been damaged. Tests shall also be taken at any time that communication is suspected or when required by the Division.
2. 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. Other operations 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 wellhead 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 in the case of a gas well and for 24 hours in the case of an oil well. After 24 hours of a production cessation the flow period shall be three hours.
5. Following completion of Flow Test No. 1, the well shall again be shut-in to accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Tests 1 and 2 shall be conducted on Flow Test No. 1 except

7. Pressures for gas-zone tests must be measured on each zone with a dead-weight pressure 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 the pressure measurement immediately prior to the conclusion of each flow period. 7-day tests immediately prior to the beginning of the flow period, at least one time during each flow period (as approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be required on wells which have previously shown questionable test data.
8. Throughout all 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 dead-weight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recorded pressure shall be required on the oil zone only, with dead-weight pressures as required above being taken on the gas zone.
9. The results of the above-described tests shall be filed in duplicate within 15 days after completion of the test. Tests shall be filed with the Asset Division Office of the New Mexico Oil Conservation Division or Northern New Mexico Packer Test Form Approved (1-60-1) with all dead-weight pressures indicated thereon as well as the flowing temperatures (gas zone only) and gravity and GOR (oil zone only).