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

NEW MEXICO OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Revised June 10, 2003

Operator bp America Production Company 200 Energy Court, Farmington, NM 87401 Lease Name Brown Federal J Well No. 1

Location Of Well: Unit Letter M Sec 13 Twp 32 N Rge 11 W API # 30-045- 29029

	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	Blanco MV	GAS	FLOW	TBG
Lower Completion	Basin DK	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	09/21/04	72 HOURS	96	YES
Lower Completion	09/21/04	72 HOURS	471	YES

Flow Test No. 1

Commenced at (hour, date)* | Zone producing (Upper or Lower):

Time (Hour, Date)	Lapsed Time Since*	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks
9/21	DAY 1	67	122		BOTH ZONES SHUT IN
9/22	DAY 2	88	275		BOTH ZONES SHUT IN
9/23	DAY 3	96	471		BOTH ZONES SHUT IN
9/24	DAY 4	102	257		FLOW Lower ZONE
9/25	DAY 5	106	116		FLOW " ZONE
9/26	DAY 6	114	91		FLOW " ZONE

Production rate during test

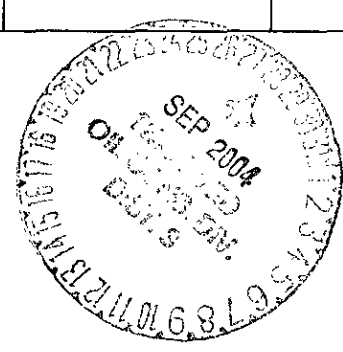
Oil: _____ BOPD based on _____ Bbls. In _____ Hrs. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Test 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				
Lower Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. Psig	Stabilized? (Yes or No)

(Continue on reverse side)



NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Flow Test No. 2

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

Production rate during test

Oil: _____ BOPD based on _____ Bbls. In _____ Hrs. _____ Grav. _____ GOR _____

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

Remarks:

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

Approved SEP 28 2004 20____

New Mexico Oil Conservation Division

By _____

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator bp America Production Company

By Sheri Bradshaw

Title Field Tech

E-mail Address _____

Date 09/27/04

Northwest New Mexico Packer Leakage Test Instructions

A packer leakage test shall be commenced on each multiply ompleted well within seven days after actual completion of the well, and nually thereafter as prescribed by the order authorizing the multiple ompletion. Such tests shall also be commenced on all multiple ompletions within seven days following recompletion and/or chemical fracture treatment, and whenever remedial work has been done on a ell during which the packer or the tubing have been disturbed. Tests all also be taken at any time that communication is suspected or when quested by the Division.

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

The packer leakage test shall commence when both zones of the dual mpletion are shut-in for pressure stabilization. Both zones shall remain ut-in until the well-head pressure in each has stabilized, provided wever, that they need not remain shut-in more than seven days.

For Flow Test No. 1, one zone of the dual completion shall be oduced at the normal rate of production while the other zone remains ut-in. Such test shall be continued for seven days in case of a gas well d 24 hours in the case of an oil well. Note: if, on an initial packer kage test, a gas well is being flowed to the atmosphere due to the lack a pipeline connection the flow period shall be three hours.

Following completion of Flow Test No. 1, the well shall again be ut-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.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time 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 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.

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 11-16-98, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).