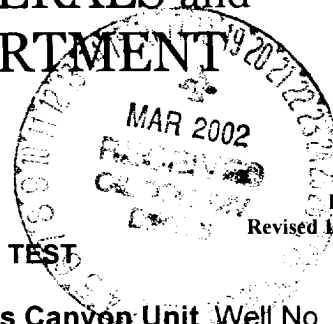


NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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



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Revised 11/16/98

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BP America Production Company Lease Name Gallegos Canyon Unit Well No 328

Location of Well: Unit Letter N Sec 33 Twp 29N Rge 12W API # 30-045-24735

	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	FRUITLAND SAND	GAS	FLOW	TBG
Lower Completion	MESA VERDE	SWD ZONE	INJECTION	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 7:00 AM 2/16/02	Length of time shut-in 72 hrs	SI press. Psig 215# CSG	Stabilized? (Yes or No) YES
Lower Completion	Hour, date shut-in 7:00 AM 2/16/02	Length of time shut-in 72 HRS	SI press. Psig 410# TBG	Stabilized? (Yes or No) YES

FLOW TEST NO. 1

Commenced at (hour, date)*			Zone producing (Upper or Lower): INJECTING LOWER ZONE	
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE Upper completion Lower Completion	PROD. ZONE TEMP.	REMARKS
2:30 pm 2/19/02		215 880		Fruitland Shut-in Injecting Mesaverde
3:30 pm2/19/02	1 HR	215 900		Fruitland Shut-in Injecting Mesaverde
6:30 PM2/19/02	4 HRS	215 930		Fruitland Shut-in Injecting Mesaverde
10:30 PM2/19/02	8 HRS	215 935		Fruitland Shut-in Injecting Mesaverde
2:30 PM 2/20/02	24 HRS	215 935		Fruitland Shut-in Injecting Mesaverde
Off2:30P 2/20/02				

Production rate during test

Water: 411 BOWD based on 411 Bbbls. in 24 Hours Grav. GOR
Gas: 0 MCFPD; Tested thru (Orifice or Meter):

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 2:30 2/20/02	Length of time shut-in 43 HRS	SI press psig 210 tbg 215/ csg	Stabilized? (Yes or No) YES
Lower Completion	Hour, date shut-in 2:30 PM 2/20/02	Length of time shut-in 43 HRS	SI press. psig 510 TBG	Stabilized? (Yes or No) NO

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower): UPPER	
TIME (hour, date)	LAPSED TIME Since**	PRESSURE		PROD. ZONE	REMARKS
		Upper Completion FRUITLAND SND	Lower Completion MV INJ		
2:30pm 2/21/02	1 DAY	TBG 212#; CSG 215#	500#	Fruitland	Fruitland Floating on LP. Mesaverde Shut-in
2:30pm 2/22/02	2 DAYS	tbg104 csg 131	490#	Fruitland	Fruitland Floating on LP. Mesaverde Shut-in
2:30pm 2/23/02	3 DAYS	Tbg 107;csg 135	480#	Fruitland	Fruitland Floating on LP. Mesaverde Shut-in
2:30p 2/24/02	4 DAYS	Tbg 104; csg 136	475#	Fruitland	Fruitland Floating on LP. Mesaverde Shut-in
2:30 p 2/25/02	5 DAYS	Tbg 104#; Csg 131	470#	Fruitland	Fruitland Floating on LP. Mesaverde Shut-in
2:30 p 2/26/02	6 DAYS	Tbg 112#; Csg 145#	465#	Fruitland	Fruitland Floating on LP. Mesaverde Shut-in
2:30 pm 2/27/02	7 Days	Tbg 106# Csg 140#	465#	Fruitland	Fruitland Floating on LP. Mesaverde Shut-in

Production rate during test

Oil: 0 BOPD based on Bbls. in Hours. Grav. GOR
 Gas: 85 MCFPD: Tested thru (Office or Meter):

Remarks:

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

Approved 2002
 New Mexico Oil Conservation Division

Operator BP America Production CompanyBy Cherry Hlava *Cherry Hlava*By Charlie T. HlavaTitle Regulatory AnalystTitle DEPUTY CH. & GAS INSPCTDate 3/13/2002

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. 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 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 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. 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 in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack 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.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight 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 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).

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

Tubing Red Casing Blue
CHART NO. MC MP-1500-31D

METER _____

2-8-02

CHART PUT ON _____

LOCATION _____

REMARKS _____

1500#

X
1500#

TAKEN OFF _____

3-1-02 M

GCU # 328

Calibrated & Ready
Set on 3/day
New Battery



Function Test Checklist

#1 N/A High psi shutdown N/A psig
 #2 N/A High psi shutdown N/A psig
N/A Low Level/pump off
N/A Upper Level/pump on
 Start Volumes 0 bbls
 End Volumes 411 bbls
 Total Injected 411 bbls
 Avg Bbls/day 14.7 psig
 Avg Injection 930 psig
 Max Injection 940 psig

Allowable Permit Pressure 1000 psig
 Casing PSI DUAL Bleed Off Time N/A
 Comments DUAL well
 Well Name GCU # 328- SWD Date 3/1/02

2/19/02 Pumps all operated manually for Parker test only.

2/22/02 Freeze on casing valve. Actual PSI was 215#.

2/22/02 Upper zone turned on.

2/28/02 - Building off well head. Injection tubing & upper zone casing trying to freeze off.

Love
 Panover

W. B. Shaw