

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

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Phillips Petroleum Company			Lease Sims			Well No. 2
LOCATION OF WELL	Unit E	Sec. 24	Twp. 22 South	Rge. 37 East	County Lea	
	NAME OF RESERVOIR OR POOL		TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. FLOW, ART LIFT	PROD. MEDIUM (Tbg or Csg)	CHOKE SIZE
Upper Compl.	Blinebry		Gas	Flow	Csg.	14/64
Lower Compl.	So. Brunson Drinkard-Abo		Gas	Flow	Tbg.	16/64

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M. October 6, 1994

Well opened at (hour, date): 9:00 A.M. October 7, 1994

	Upper Completion	Lower Completion
Indicate by (X) the zone producing		X
Pressure at beginning of test	165	360
Stabilized? (Yes or No)	Yes	Yes
Maximum pressure during test	170	360
Minimum pressure during test	165	70
Pressure at conclusion of test	170	95
Pressure change during test (Maximum minus Minimum)	5	290
Was pressure change an increase or a decrease?	Increase	Decrease

Well closed at (hour, date): 9:00 A.M. October 8, 1994

Total Time On Production	24 Hours
Oil Production During Test: 1.5 bbls; Grav.	Gas Production During Test: 92 MCF; GOR 61333

Remarks:

(Continue on reverse side)

FLOW TEST NO. 2

Well opened at (hour, date):	7:00 A.M. October 9, 1994	Upper Completion	Lower Completion
Indicate by (X) the zone producing		X	
Pressure at beginning of test		175	350
Stabilized? (Yes or No)		Yes	Yes
Maximum pressure during test		175	360
Minimum pressure during test		55	350
Pressure at conclusion of test		55	360
Pressure change during test (Maximum minus Minimum)		120	10
Was pressure change an increase or a decrease?		Decrease	Increase
Well closed at (hour, date):	7:00 A.M. October 10, 1994	Total Time On Production	24 Hours
Oil Production During Test: 1 bbls; Grav.		Gas Production During Test	174 MCF; GOR 174000
Remarks:			

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

Approved OCT 19 1994 19
New Mexico Oil Conservation Division

By _____
Title _____

Operator Phillips Petroleum Company

By John W. West
Title Engineer

Date October 11, 1994

SOUTHEAST 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 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 well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.

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 until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 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 previously shut-in zone is produced.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with deadweight tester at least twice, once at the beginning and once at the end, of each flow test.

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 appropriate District Office of the New Mexico Oil Conservation Division on Southeast New Mexico Packer Leakage Test Form Revised 11-01-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauges, as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period concludes with a gas-oil ratio test period.

MIDNIGHT

Handwritten notes:
Hill
Sims No 2
Tracker

Chart No 1
Floor
L
Z
04 738 77

Drink
Blind

NOON

MIDNIGHT

Phillips Petroleum Company
Sigs No. 2
Pulse Leakage Test

Jump Chart

Lower
Zone
Shifting

Chart No. 2
Binning
Lower
Zone

Binning

Drinking

NOON

Phillips Petroleum Corp
Sims
Parker
hooker Test

END
Test ✓

open
& Zou

END
Test ✓

Chart No 3

FILE
UPPER
ZOU

At 9310 94

BLIND

Drinking

MIDNIGHT

MIDNIGHT