STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator			Lease		Well No.
Doyle Hartman Oil Operators			Hobbs		4
LOCATION OF WELL	Unit	Sec.	Twp.	Rge.	County
	K N	18	20 South	37 East	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.	Eumont Gas	Gas	Flow	Csg.	Open
Lower Compl.	~~Eumont Oil~~ Eunice Monument GB/SA	Oil	Art. Lift	Tbg.	Open

Phillips Pet. Corp

FLOW TEST NO. 1

Both zones shut-in at *(hour, date)*: 8:00 AM August 4, 1997

Well opened at *(hour, date)*: 8:45 AM August 5, 1997

	Upper Completion	Lower Completion
Indicate by (X) the zone producing		X
Pressure at beginning of test	70	40
Stabilized? *(Yes or No)*	Yes	Yes
Maximum pressure during test	70	40
Minimum pressure during test	70	20
Pressure at conclusion of test	70	35
Pressure change during test *(Maximum minus Minimum)*	None	20
Was pressure change an increase or a decrease?	None	Decrease

Well closed at *(hour, date)*: 8:45 AM August 6, 1997 Total Time On Production 24 Hours

Oil Production During Test: 29 bbls; Grav. _____; Gas Production During Test 9 MCF; GOR 310

Remarks: _____

DOYLE HARTMAN OIL OPERATOR RECEIVED

AUG 13 1997

(Continue on reverse side)

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at *(hour, date)*: 8:30 AM August 7, 1997		
Indicate by (X) the zone producing	X	
Pressure at beginning of test	70	130
Stabilized? *(Yes or No)*	Yes	Yes
Maximum pressure during test	70	130
Minimum pressure during test	20	30
Pressure at conclusion of test	20	30
Pressure change during test *(Maximum minus Minimum)*	50	100
Was pressure change an increase or a decrease?	Decrease	Decrease

Well closed at *(hour, date)*: 8:30 AM August 8, 1997 Total Time On Production 24 hours

Oil Production During Test: 0 bbls; Grav. _____; Gas Production During Test 13 MCF; GOR Dry Gas

Remarks: The decrease in the lower zone during the test was due to fluid building up in tubing as shown on Chart 2 and Chart 3.

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

Approved SEP 4 1997 19___
New Mexico Oil Conservation Division
ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

By _____

Title _____

Operator Doyle Hartman Oil Operators

By John W West

Title Engineer

Date August 11, 1997

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 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 and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.

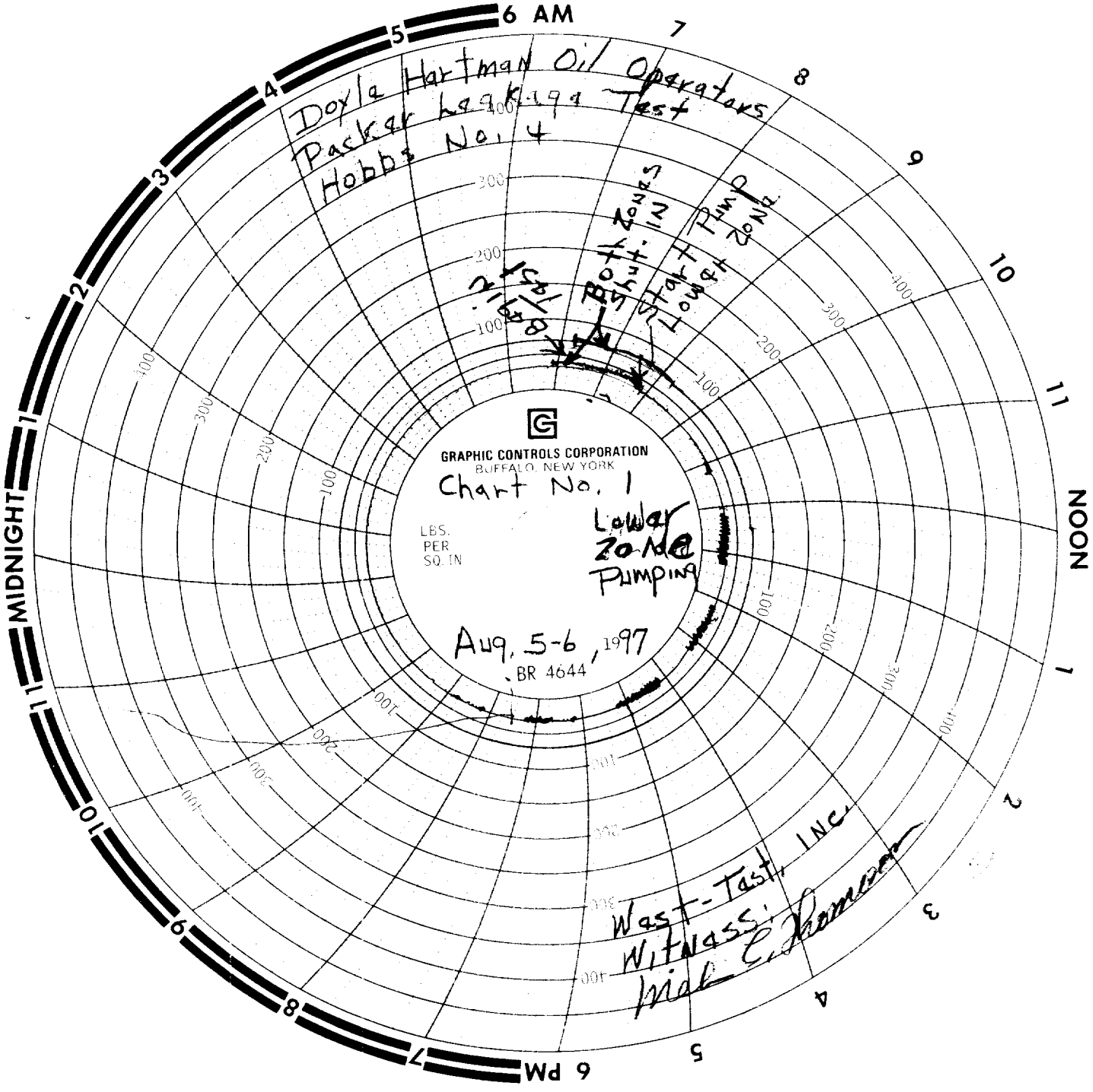
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

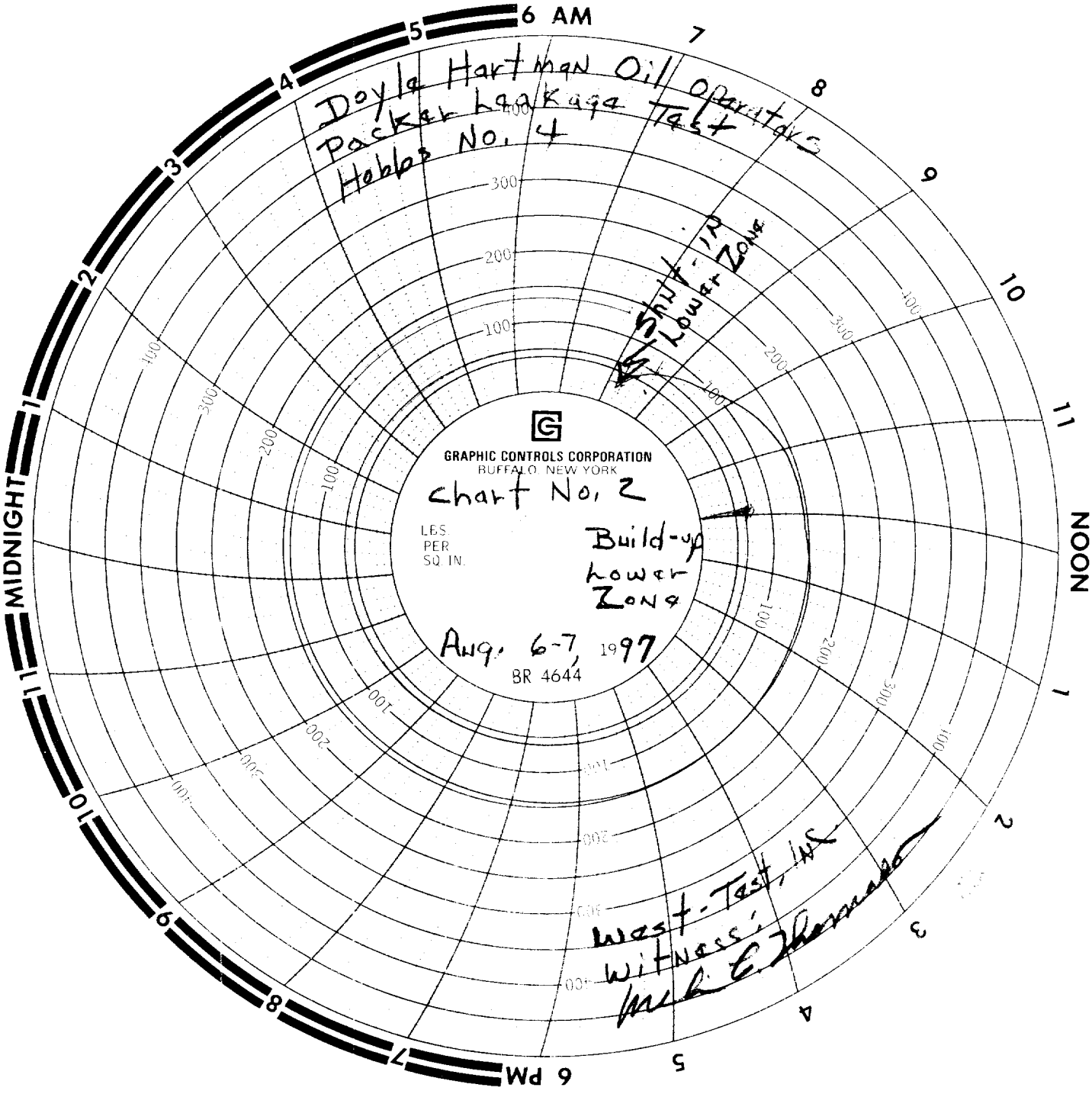
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

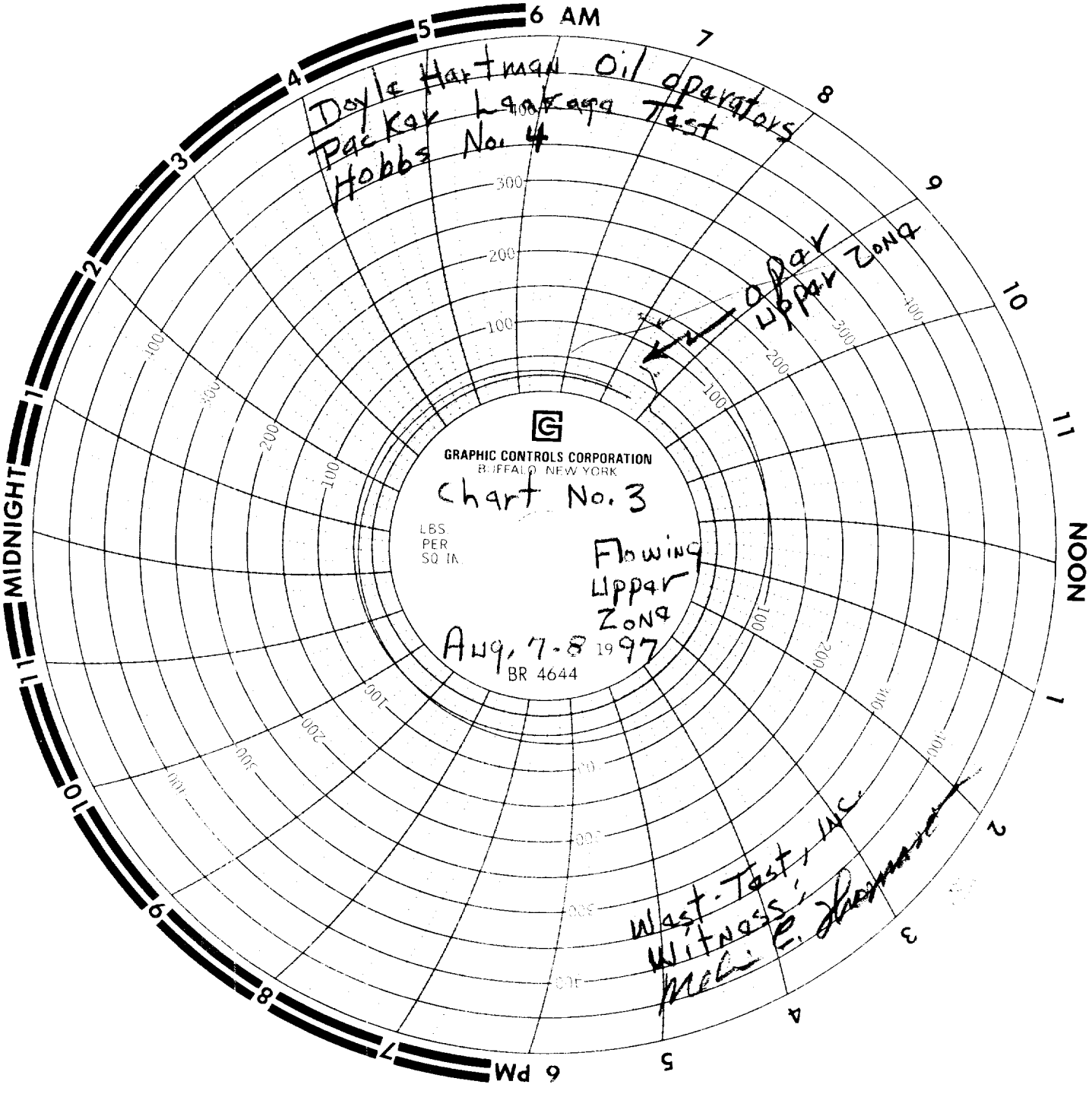
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.

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 gauge charts 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 coincides with a gas-oil ratio test period.


Doyle Hartman Oil Operators
Packer Leakage Test
Hobbs No. 4
6 AM
NOON
MIDNIGHT
Wd 9
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
Chart No. 1
LBS. PER SQ. IN
Lower Zone Pumping
Aug. 5-6, 1997
BR 4644
West-Tex, INC.
Witness: Mike E. Thomason


Doyle Hartman Oil Operator
Packer Leakage Test
Hobbs No. 4
Shut-In Lower Zone
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
Chart No. 2
LBS. PER SQ. IN.
Build-up Lower Zone
Aug. 6-7, 1997
BR 4644
West-Test, Inc.
Witness: Mike E. Hernandez
6 AM
NOON
6 PM
MIDNIGHT


Doyle Hartman Oil Operators
Packer Leakage Test
Hobbs No. 4
Upper Zone
GRAPHIC CONTROLS CORPORATION
BUFFALO NEW YORK
Chart No. 3
LBS PER SQ IN
Flowing
Upper
Zone
Aug. 7-8 1997
BR 4644
Wast. Test, Inc.
Witness:
6 AM
NOON
MIDNIGHT
6 PM