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.
Collins & Ware, Inc.			M.M.		1
LOCATION OF WELL: Unit	Sec.	Twp.	Rge.	County	
E	24	20 South	38 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.	Blinebry	Oil	Flow	Tbg	32/64
Lower Compl.	Warren Tubb	Oil	Flow	Tbg	32/64

FLOW TEST NO. 1

Both zones shut-in at *(hour, date)*: 8:00 AM December 15, 1997

Well opened at *(hour, date)*: 8:45 AM December 16, 1997

	Upper Completion	Lower Completion
Indicate by (X) the zone producing		X
Pressure at beginning of test	1210	835
Stabilized? *(Yes or No)*	Yes	Yes
Maximum pressure during test	1410	835
Minimum pressure during test	1210	145
Pressure at conclusion of test	1410	145
Pressure change during test *(Maximum minus Minimum)*	200	690
Was pressure change an increase or a decrease?	Increase	Decrease

Well closed at *(hour, date)*: 8:45 AM 12-17-97 Total Time On Production 24 Hours

Oil Production During Test: 53 bbls; Grav. 37.5; Gas Production During Test 649.4 MCF; GOR 12253

Remarks:

(Continue on reverse side)

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at *(hour, date)*: 8:45 AM December 18, 1997		
Indicate by (X) the zone producing	X	
Pressure at beginning of test	1345	850
Stabilized? *(Yes or No)*	Yes	Yes
Maximum pressure during test	1345	875
Minimum pressure during test	250	850
Pressure at conclusion of test	250	875
Pressure change during test *(Maximum minus Minimum)*	1095	25
Was pressure change an increase or a decrease?	Decrease	Increase

Well closed at *(hour, date)*: 8:45 AM 12-19-97 Total Time On Production 24 Hours

Oil Production During Test: 101 bbls; Grav. 39.0; Gas Production During Test 990 MCF; GOR 9802

Remarks:

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

Approved 19 98
New Mexico Oil Conservation Division

By ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR

Title

Operator Collins & Ware, Inc.

By John W West

Title Engineer

Date December 19, 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.

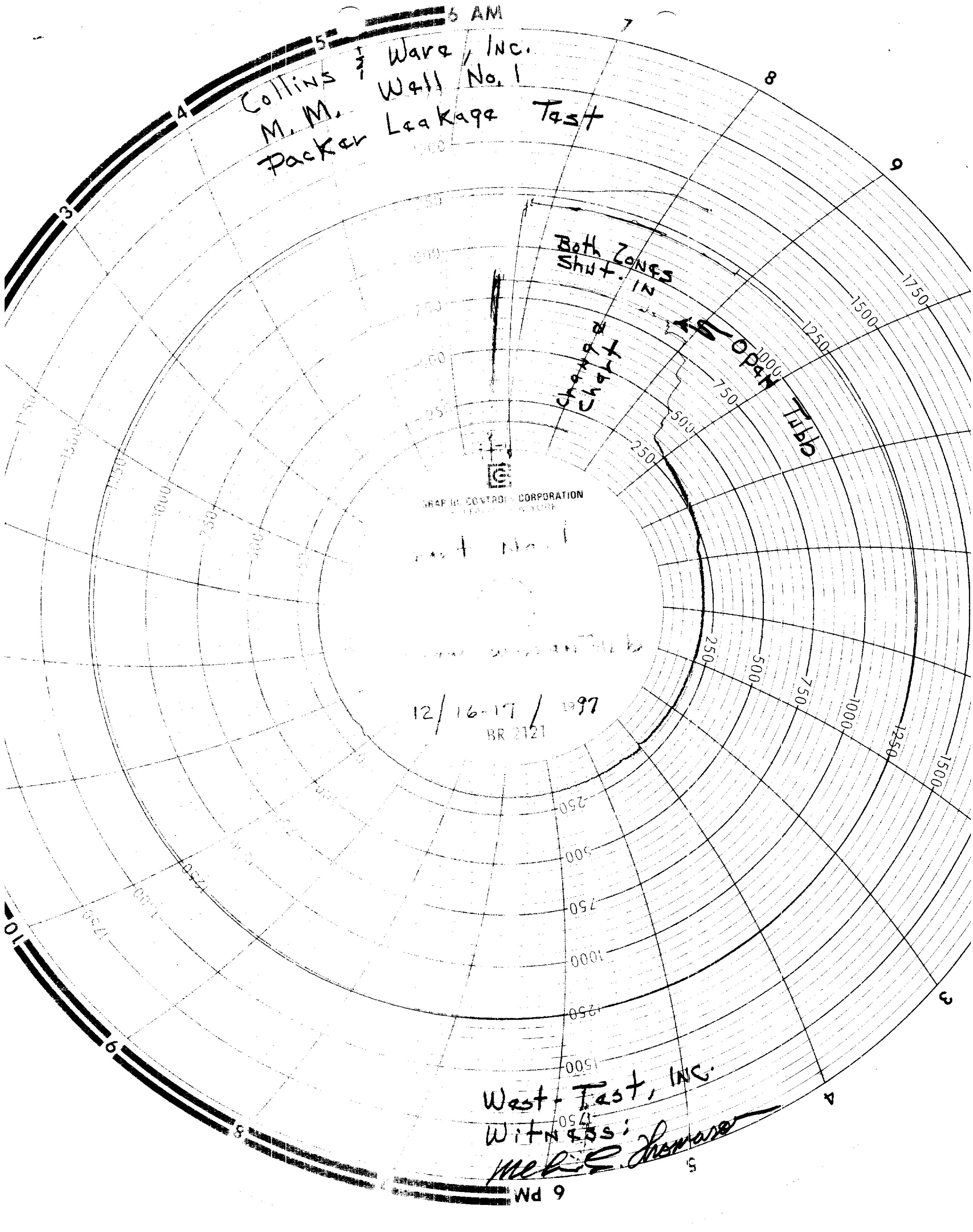
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the 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.

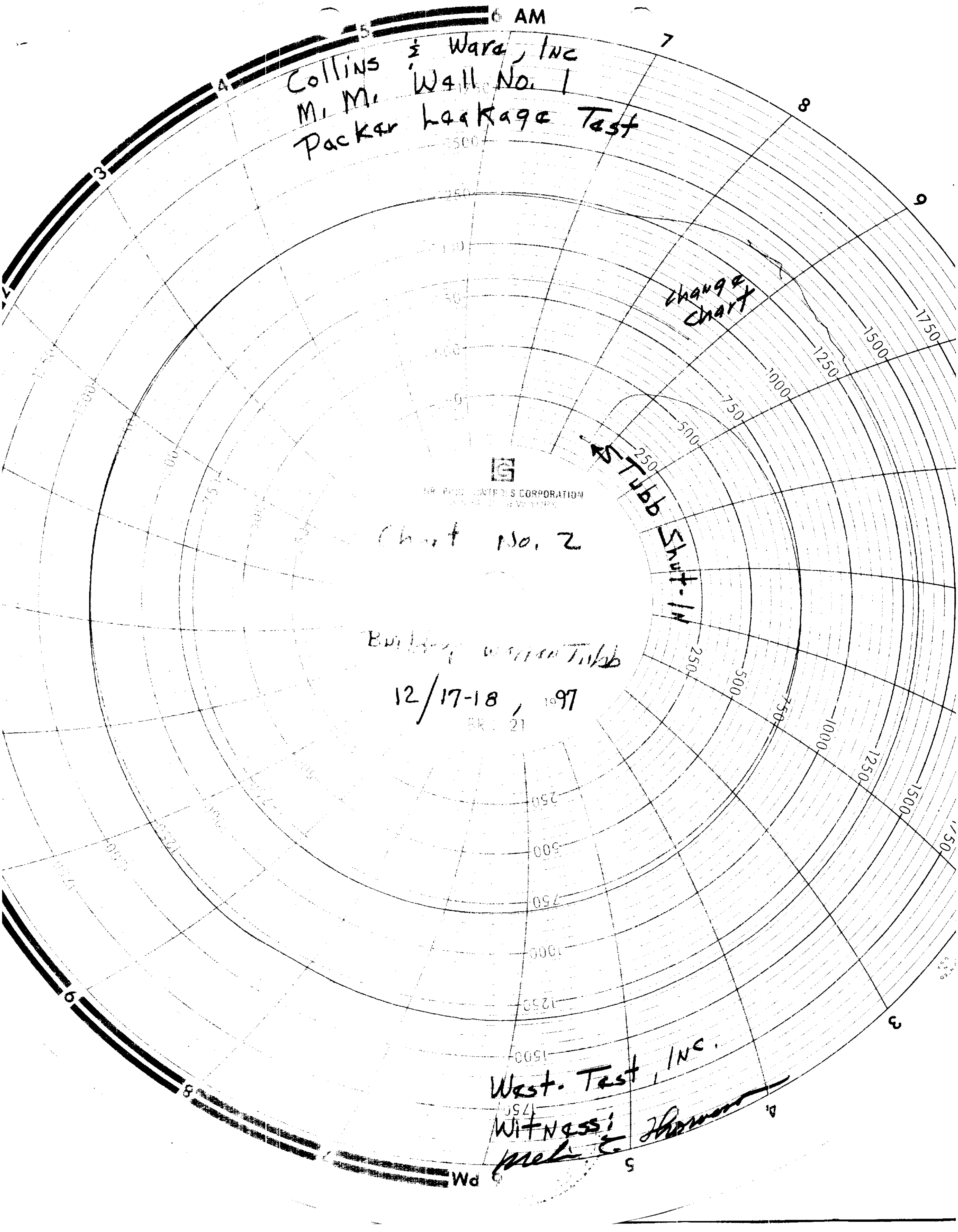
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.

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.


Collins & Ware, Inc.
M. M. Well No. 1
Packer Leakage Test
Both Zones Shut-In
Change Chart
Open Tubg
GRAPHIC CONTROLS CORPORATION
12/16-17/1997
BR 2121
West-Test, Inc.
Witness:
6 AM
6 PM

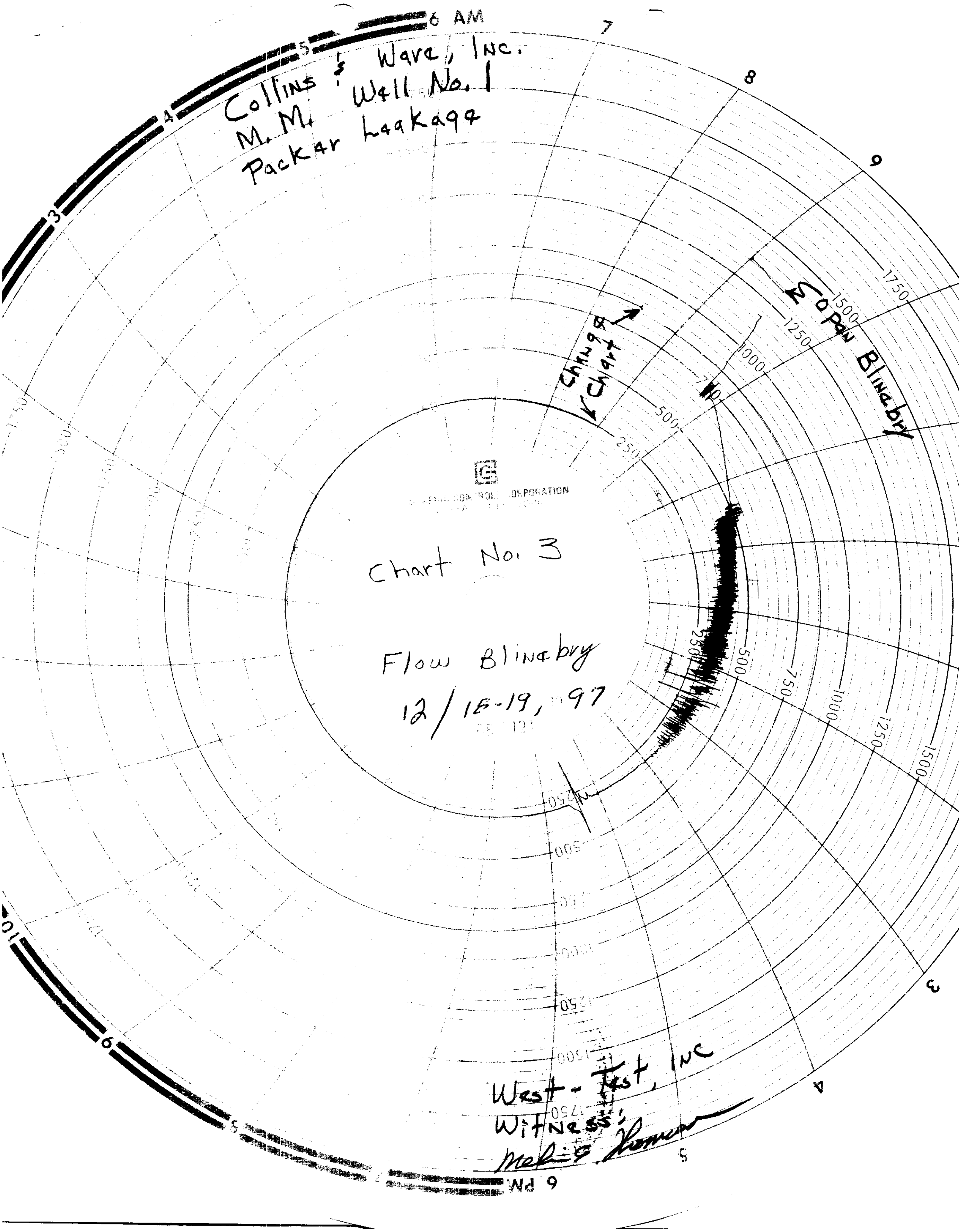
10
11
NOON
1
2


6 AM
Collins & Ware, Inc
M. M. Well No. 1
Packer Leakage Test
change chart
Stubb Shut-in
Chart No. 2
12/17-18, 1997
West. Test, Inc.
Witness:
250
500
750
1000
1250
1500
1750

10
11
NOON
1
2

MIDNIGHT

24 25 26 27 28 29 30 31 — 1 2 3 4 5 6 7 8 9
DEC 1997
Received
Hobbs
OCD



Collins & Ware, Inc.
M. M. Well No. 1
Packer Leakage
Change Chart
Open Blinebry
Chart No. 3
Flow Blinebry
12/18-19, 97
West-Test, Inc
Witness;
6 AM
6 PM

11
NOON
1
2

2
MIDNIGHT
1

28 29 30 31
1 2 3 4 5 6 7 8 9
DEC 1987
Received
Hobbs
OCD