

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Leonard Oil Company			Lease B. M. Justis			Well No. 7	
Location of Well	Unit F	Sec. 20	Twp 25S	Rge 37E	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	Yates		Gas	Flow	Csg		
Lower Compl	Seven Rivers		Oil	"	Tbg	3/4"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 6:00 A.M. 9-13-65

Well opened at (hour, date): 6:00 A.M. 9-14-65	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	170	190
Stabilized? (Yes or No).....	Yew	Yes
Maximum pressure during test.....	170	200
Minimum pressure during test.....	125	190
Pressure at conclusion of test.....	125	200
Pressure change during test (Maximum minus Minimum).....	55	10
Was pressure change an increase or a decrease?.....	Dec	Inc.
Well closed at (hour, date): 6:00 A.M. 9-15-1965	Total Time On Production 24 hours	
Oil Production	Gas Production	
During Test: 0 bbls; Grav. -	During Test 175	MCF; GOR -

Remarks Lower zone is dry gas.

FLOW TEST NO. 2

Well opened at (hour, date): 6:00 A.M. 9-16-1965	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	175	210
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	175	210
Minimum pressure during test.....	175	10
Pressure at conclusion of test.....	175	10
Pressure change during test (Maximum minus Minimum).....	0	200
Was pressure change an increase or a decrease?.....	-	Dec
Well closed at (hour, date)	Total time on Production 24 hours	
Oil Production	Gas Production	
During Test: 3 bbls; Grav. 30	During Test 45	MCF; GOR 15,000

Remarks

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

Approved _____ 19 _____
New Mexico Oil Conservation Commission

Operator Leonard Oil Company

By _____

By _____
Title _____

Title General Manager

Date _____

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced or resumed at any time after the well within seven days after actual completion of the well, and actually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days after the following recompletion and/or chemical or fracture treatment and whenever remedial work has been done on a well during which the packer and/or tubing have been disturbed. Tests shall also be made at any time that communication is suspected or when requested by the lease owner.

2. At least 72 hours prior to the commencement of any packet leakage test the operator shall notify the Commission in writing of the exact date 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 at 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 comp. well shall be produced at the normal rate of production while the other zone remains shut in. The test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter. The test shall be terminated if the flow test need not continue for more than 24 hours.

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

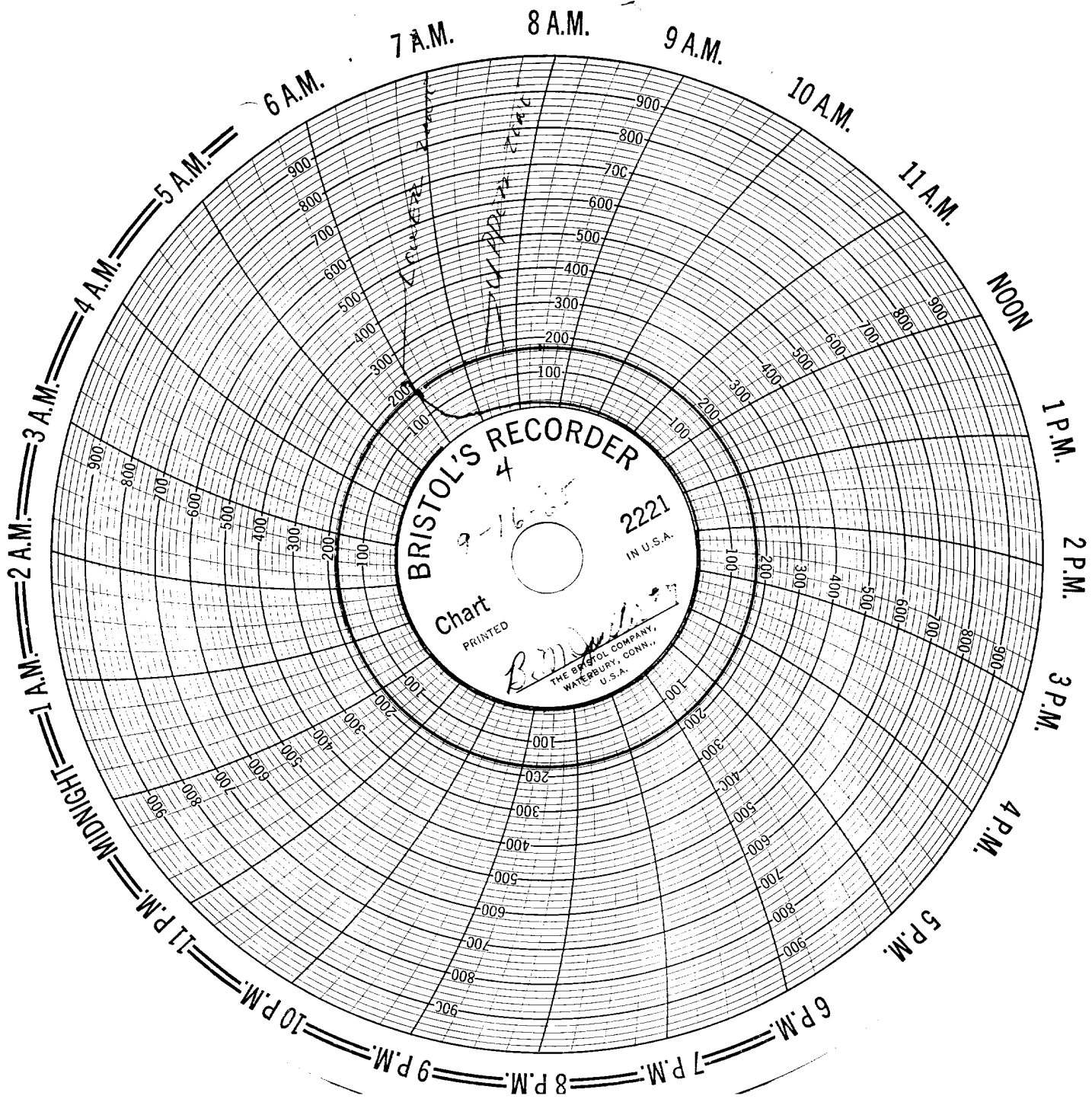
Flow Test No. 2 shall be conducted even though no leak was indicated following Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1, except that the previously produced zone shall re-produce the same zone previously shut-in zone is produced.

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

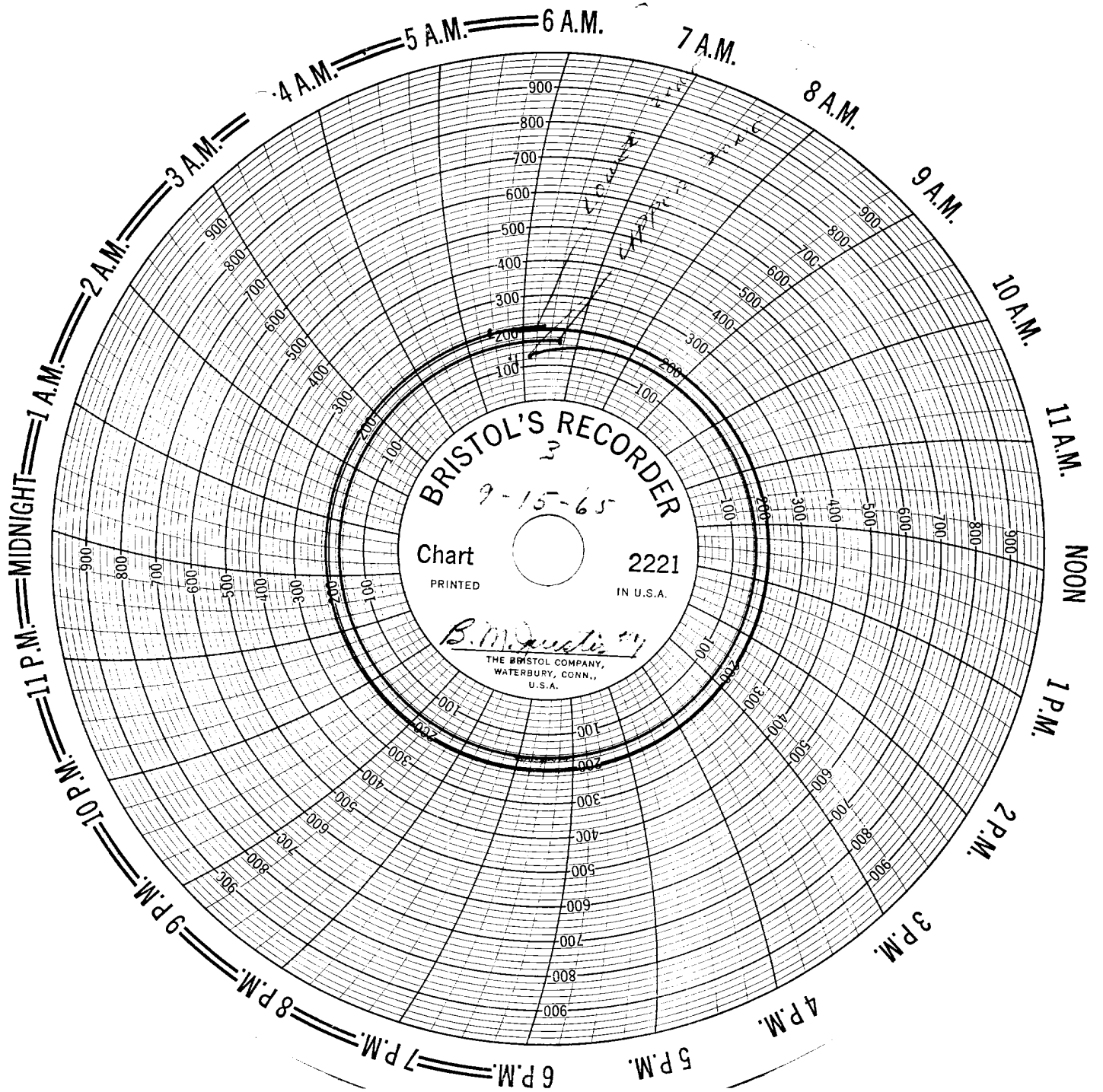
1. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight readings which were taken indicated thereon. In lieu of filing the above charts, the operator may construct a pressure versus time curve for each test, indicating thereon all pressure readings and the gauge charts as well as all deadweight readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's records. Form 10-100 also accompany the Packer Leakage Test Form and the test log includes with a gas-oil ratio test period.

[illegible]

SEP 21 11 29 AM '65



7000
B. 1000
H. 1000
Lact. 1000
C. 1000
J. 1000
Red ink - oil

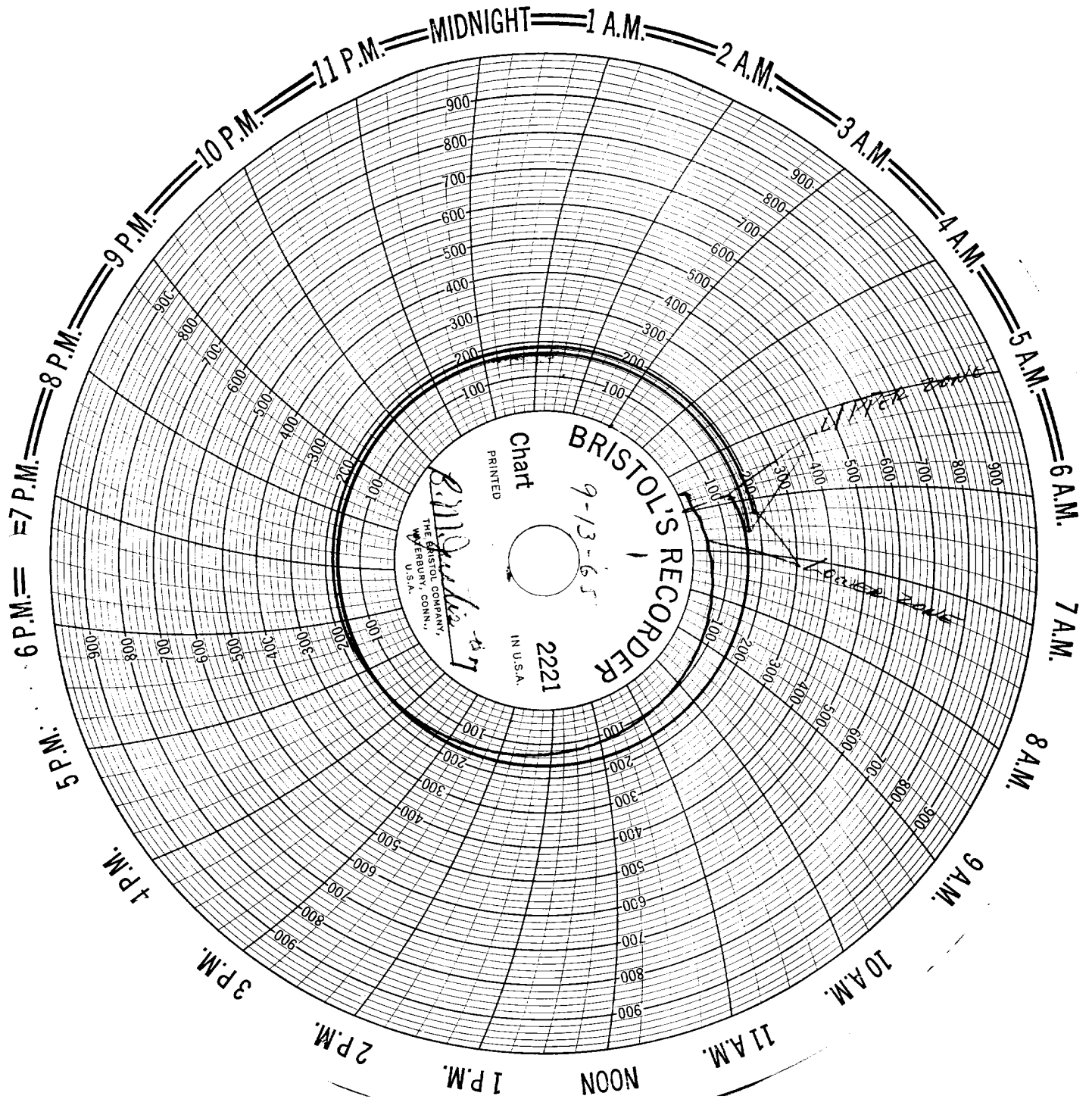


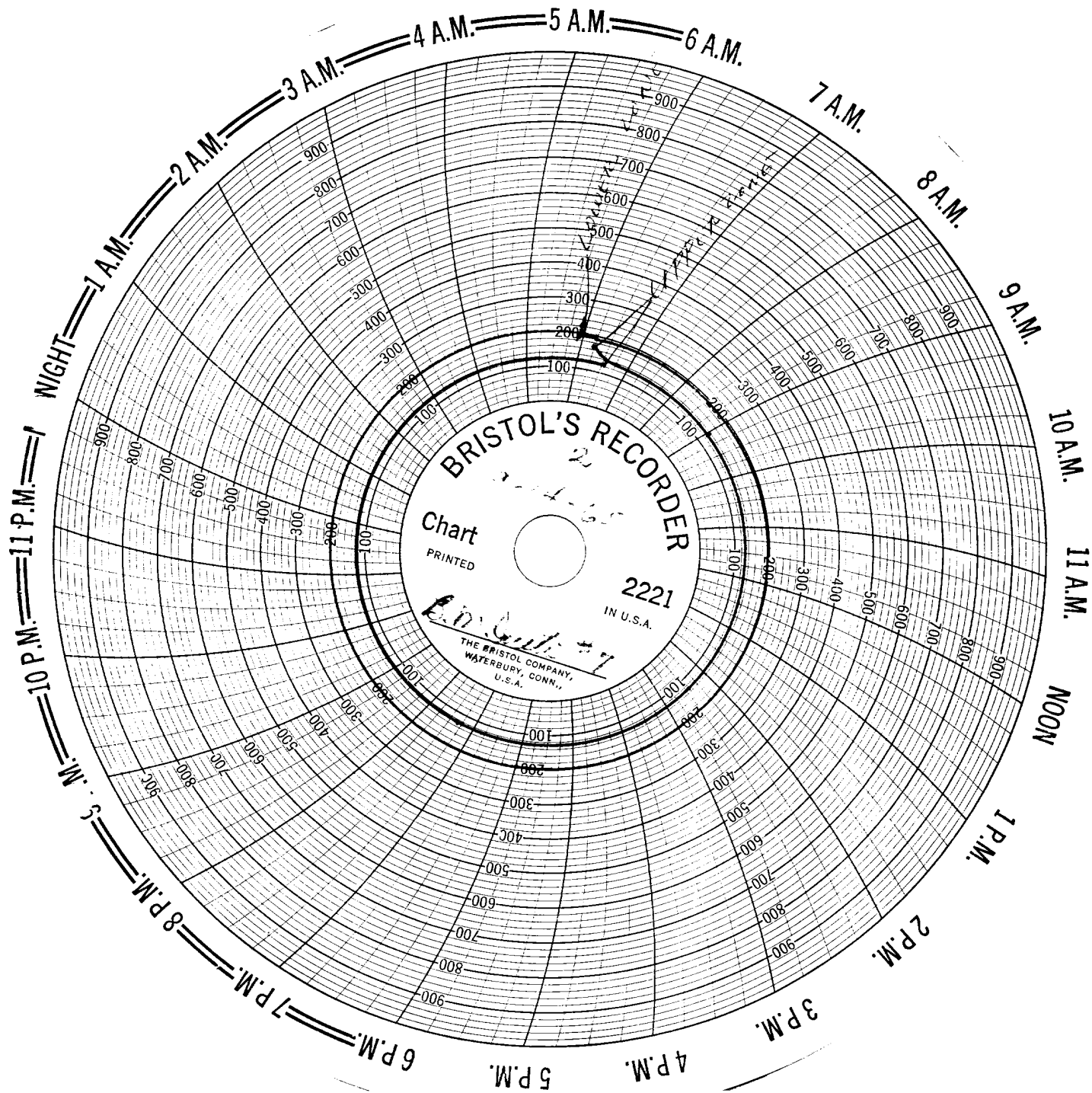
B.M. 10/10/7

Thurs. 10/10/7

Both zones shut in

upper zone in (gas) red ink
lower zone in (oil) blue ink





2
B.M. 1000
Lent in a ...
upper zone (yellowish ...)
lower zone (brownish ...)