

SOUTHEAST UVM MEXICO PACKER LEAKAGE TEST

Operator			Name		Well	
Gulf Oil Corporation			C. L. Hardy		No. 3	
Location of Well	Unit K	Sec 20	Wpt 21S	Rgt 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.	Blinebry		Oil	Pump	Tbg.	2" WO
Lower Compl.	Drinkard		Oil	Pump	Tbg.	2" WO

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3:30 a.m., 1-19-76

Well opened at (hour, date): 8:30 a.m., 1-20-76

Upper Completion

Lower
Completion

Indicate by (X) the zone producing.....
X

Pressure at beginning of test..... 320 50

Stabilized? (Yes or No)..... Yes Yes

Maximum pressure during test _____ 320 _____ 50

Minimum pressure during test..... 267 28

Pressure at conclusion of test..... 267 28

Pressure change during test (Maximum minus Minimum)..... 53 22

Was pressure change an increase or a decrease?..... Decr. Decr.

Well closed at (hour, date): 8:30 a.m., 1-21-76 Production 24 hrs.
Oil Production Gas Production

During Test: 10 bbls; Grav. 40.7; During Test 103.0 MCF; GOR 10,300

FLOW TEST NO. 2

Well opened at (hour, date): 8:30 a.m., 1-22-76 Upper Lower
Completion Completion

Pressure at beginning of test..... 235 38

Stabilized? (Yes or No)..... Yes Yes

Maximum pressure during test 235 38

Minimum pressure during test 42 30

Pressure at conclusion of test..... 42 30

Pressure change during test (Maximum minus Minimum)..... 193 8

Has pressure change an increase or a decrease?..... Dedcr. Decr.

Well closed at (hour, date) 8:30 a.m., 1-23-76 Production 24
Oil Production

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

pproved _____ Operator Gulf Oil Corporation
New Mexico Oil Conservation Commission By _____

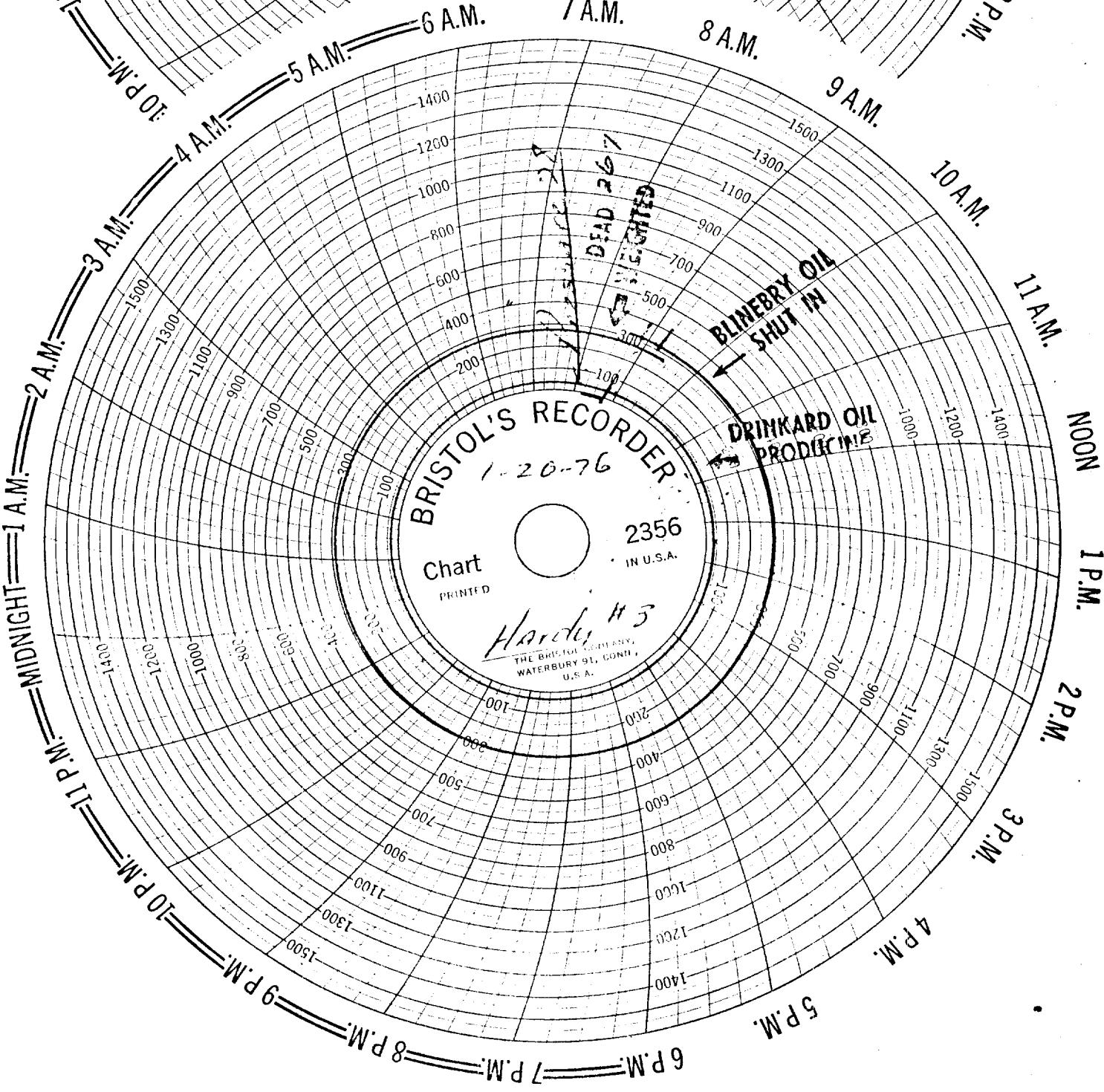
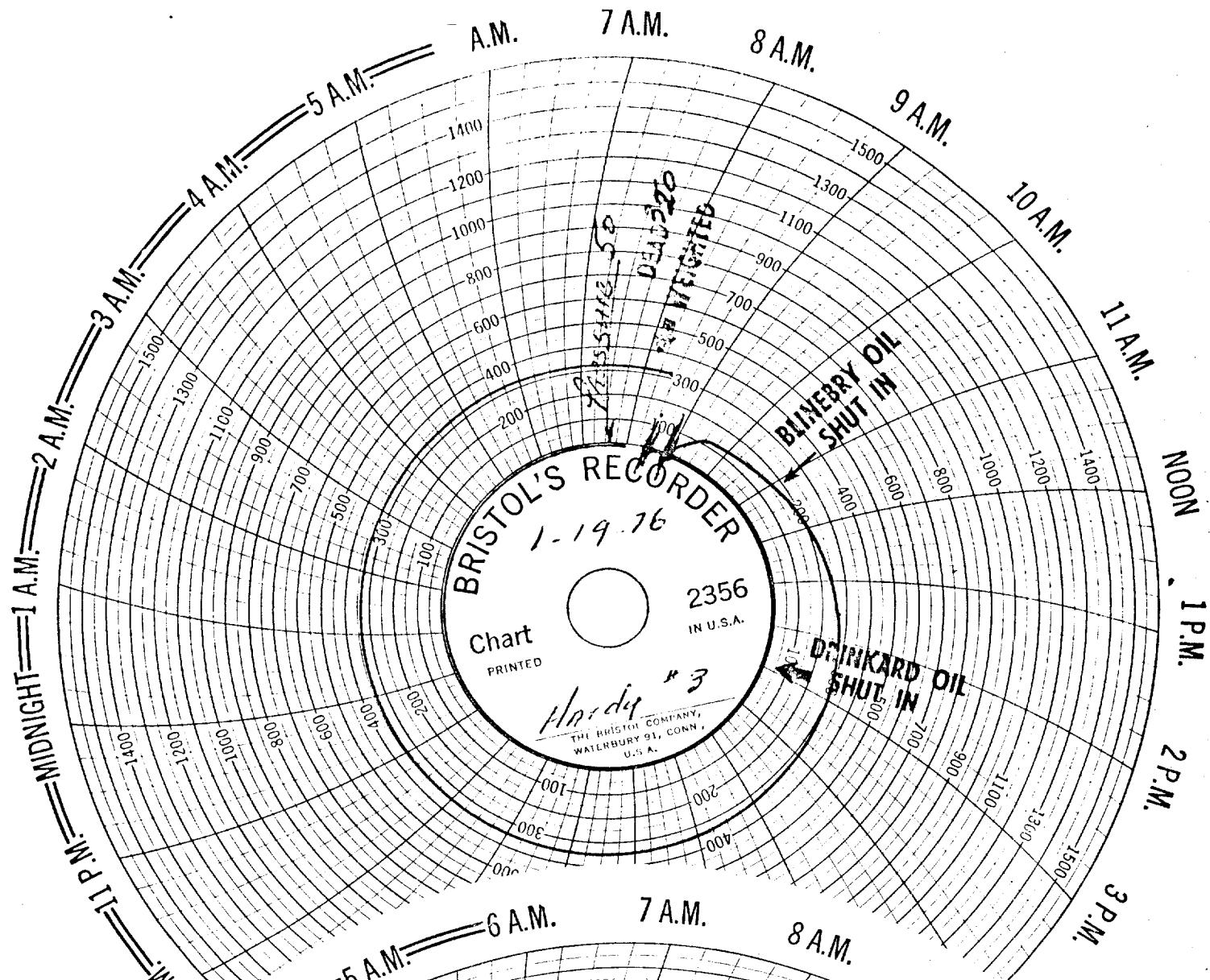
N. G. Hallmark
Title Well Tester
Date 2-3-76

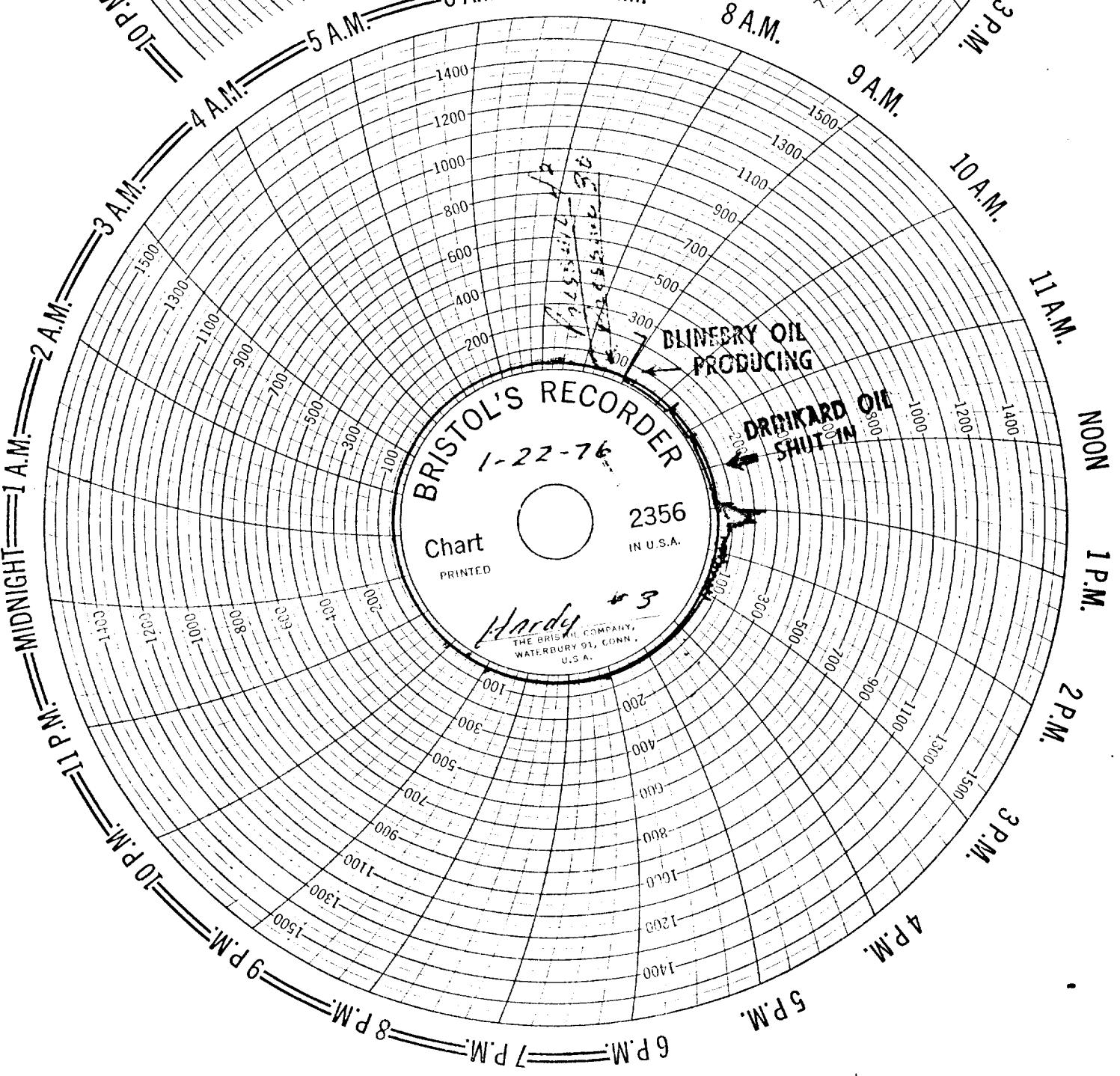
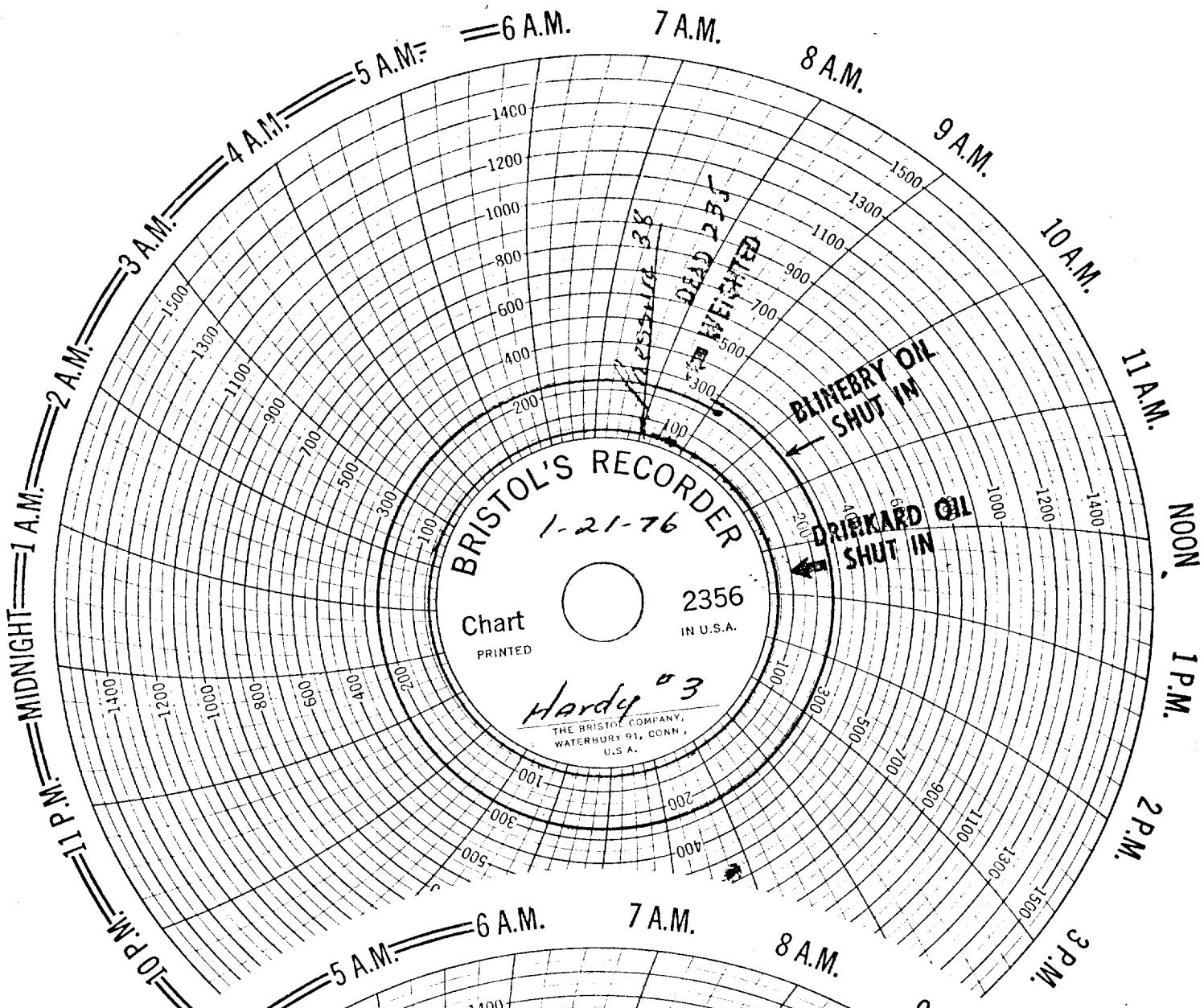
SOURCE 5: NEW MEXICO TANKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be conducted on each multiply completed well within seven days after initial completion of the well, and annually thereafter as prescribed by the oil and gas unit manager. The multiple completions shall consist of no more than eight completions within seven days following the initial completion. If necessary, additional time may be granted by the oil and gas unit manager to allow for testing due to weather conditions, such as snow or mud on the pasture or the tubing have been obstructed. Tests shall also be taken at any time that communication is requested or when required by the Commission.
 2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the commission 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 wellhead 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. In accordance with Paragraph 3 above,

 6. Flow Test No. 1 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 1 is to be the same as for Flow Test No. 1 except that the previously produced zone will 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 a deadweight tester at least twice—one 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 Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-68, 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 dead-weight 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.





1978
1978
1978