

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Astec Oil & Gas Company			Lease State MD-36			Well No. 1	
Location of Well	Unit 3	Sec 36	Twp 22-S	Rge 37-E	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	Flow	Tbg.	24/64		
Lower Compl	Drinkard	Oil	Pump	Tbg.	2"		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **10:30 A.M. January 14, 1964**

Well opened at (hour, date): **10:30 A.M. January 15, 1964**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	622	10
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	622	30
Minimum pressure during test.....	622	10
Pressure at conclusion of test.....	622	30
Pressure change during test (Maximum minus Minimum).....	40	20
Was pressure change an increase or a decrease?.....	Increase	Increase
Well closed at (hour, date): 11:00 A.M. January 16, 1964	Total Time On Production 24.5 Hours	
Oil Production During Test: 23.24 bbls; Grav. 40.1 ; Gas Production During Test 52.4 MCF; GOR 2,255		
Remarks This is a special test following the placement of the Drinkard Zone on pump.		

FLOW TEST NO. 2

Well opened at (hour, date): **12:00 Noon January 17, 1964**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	684	210
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	684	210
Minimum pressure during test.....	65	210
Pressure at conclusion of test.....	65	210
Pressure change during test (Maximum minus Minimum).....	619	0
Was pressure change an increase or a decrease?.....	Decrease	N.C.
Well closed at (hour, date): 11:45 A.M. Jan. 18, 1964	Total time on Production 23.75 hours	
Oil Production During Test: 16.60 bbls; Grav. 37.6 ; Gas Production During Test 236.8 MCF; GOR 14,265		
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

By _____
Title _____

Operator **Astec Oil & Gas Company**

By _____

Title **District Engineer**

Date **January 23, 1964**

1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

[illegible]

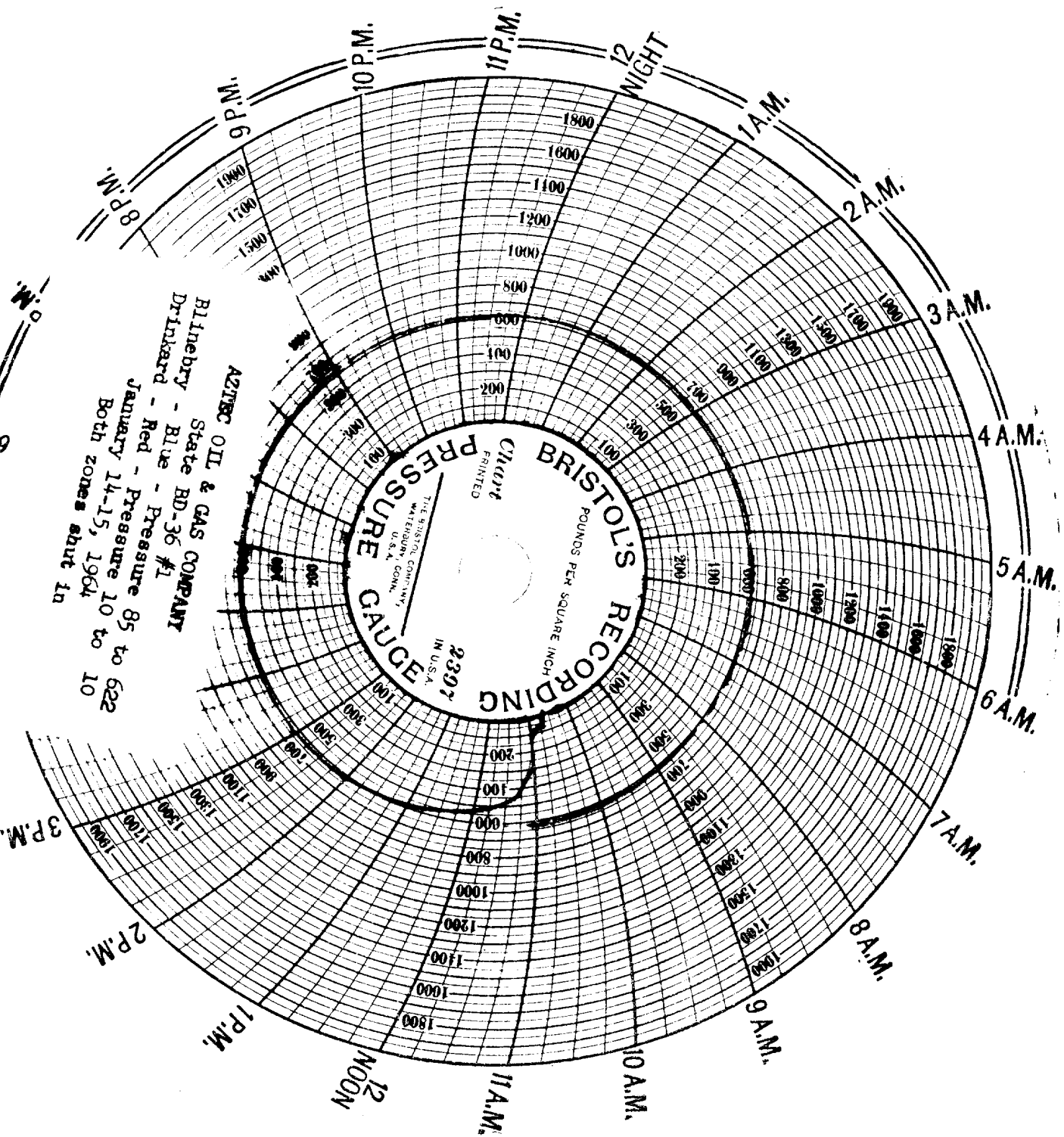
4. The test was conducted with the test pressure gauge. The number of tests were checked with a deadweight tester at each flow rate. The test was conducted at the test pressure gauge.

[illegible]

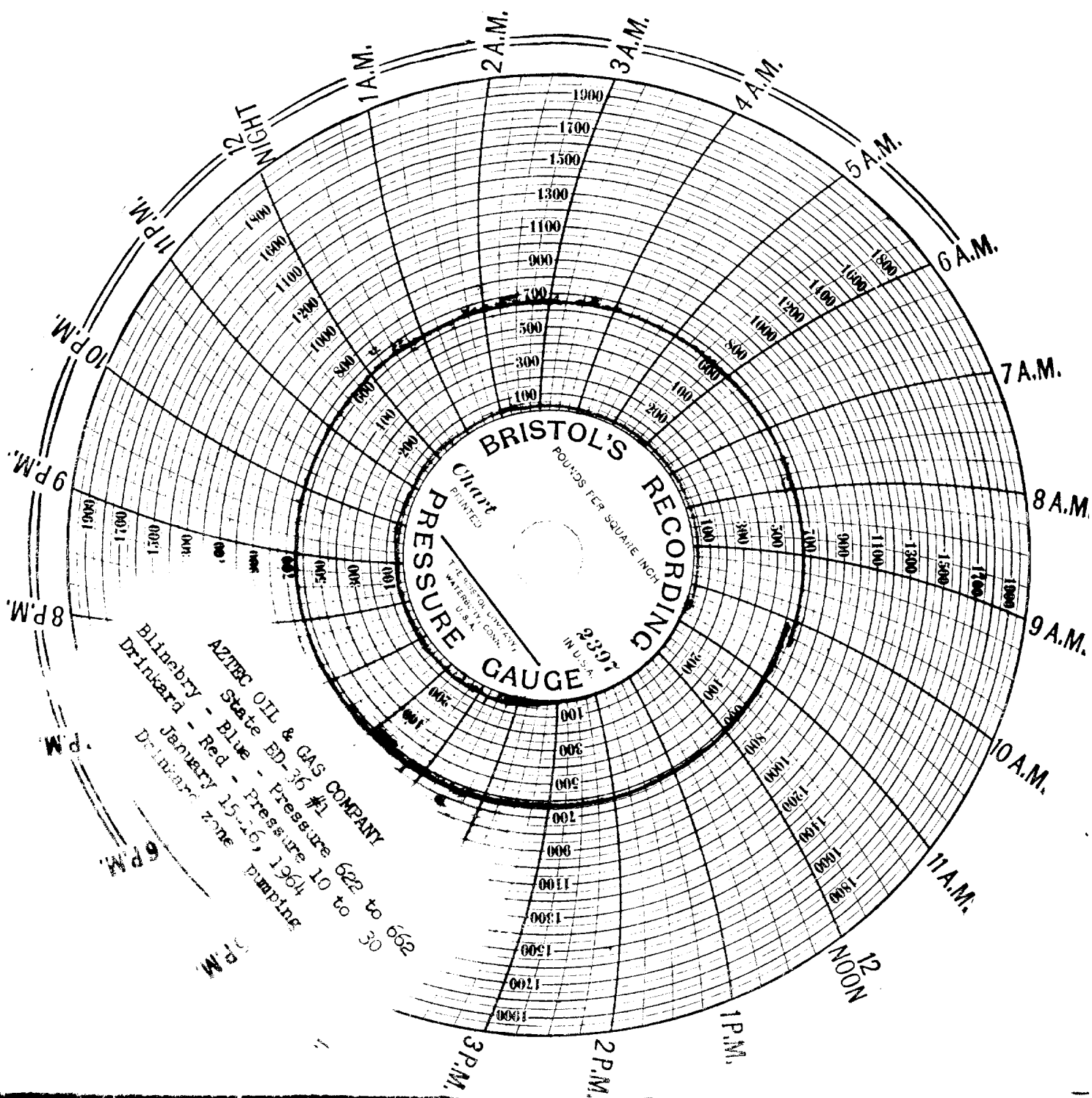
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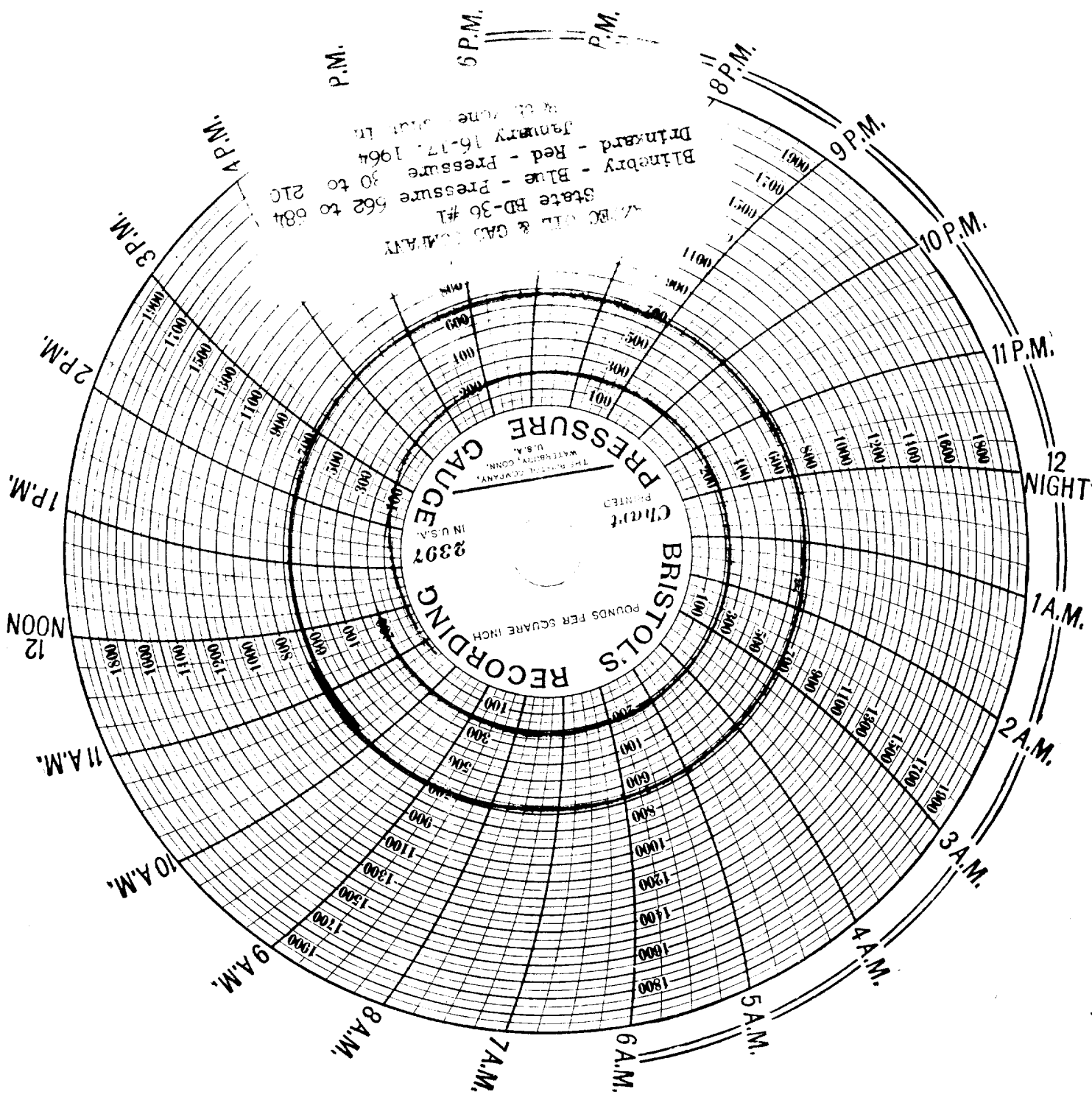
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HOBBS TESTE A.C.C.



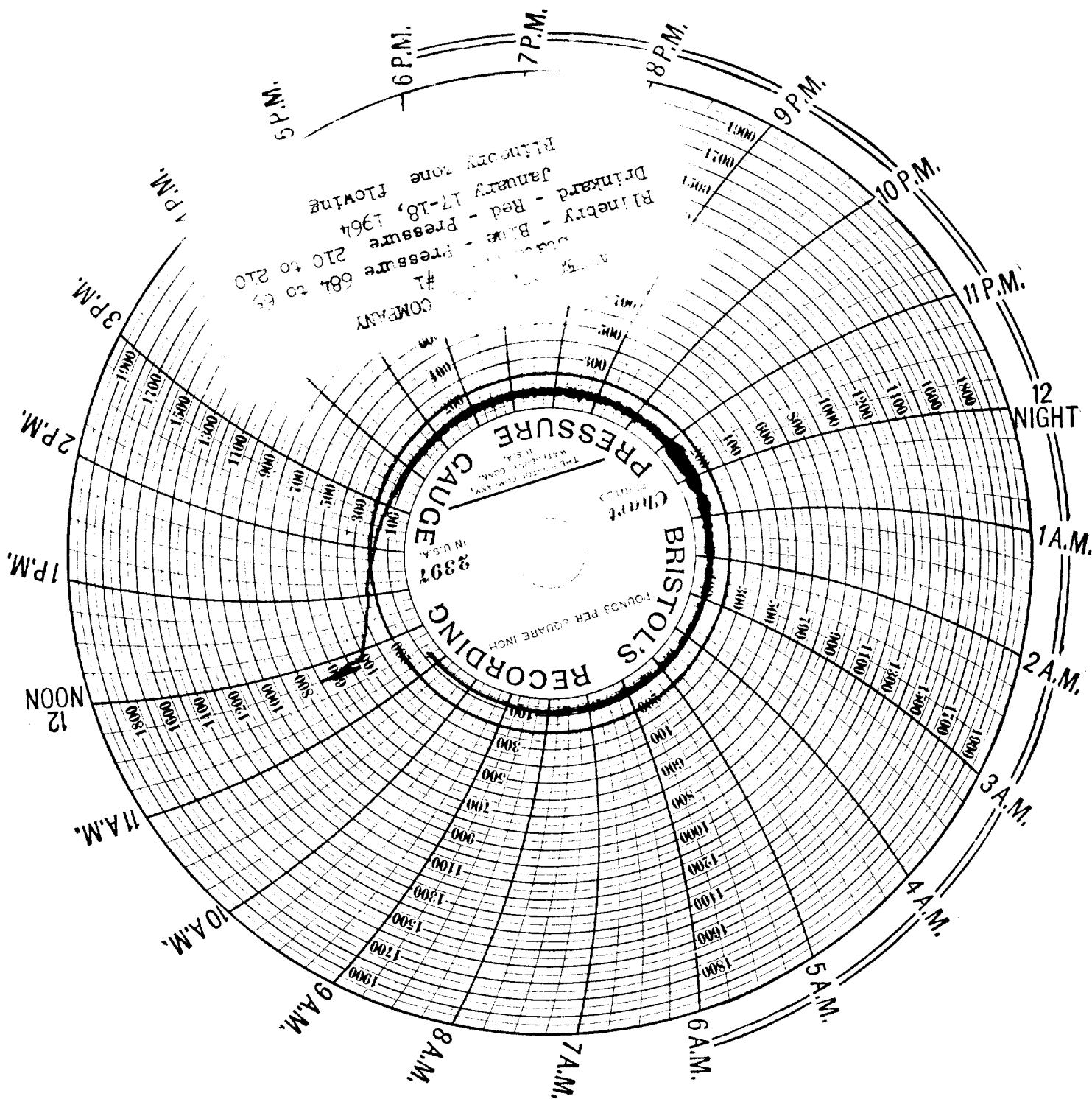
AZTEC OIL & GAS COMPANY
State BD-36 #1
Blinebry - Blue - #1
Drinkard - Red - Pressure 85 to 622
January 14-15, 1964
Both zones shut in

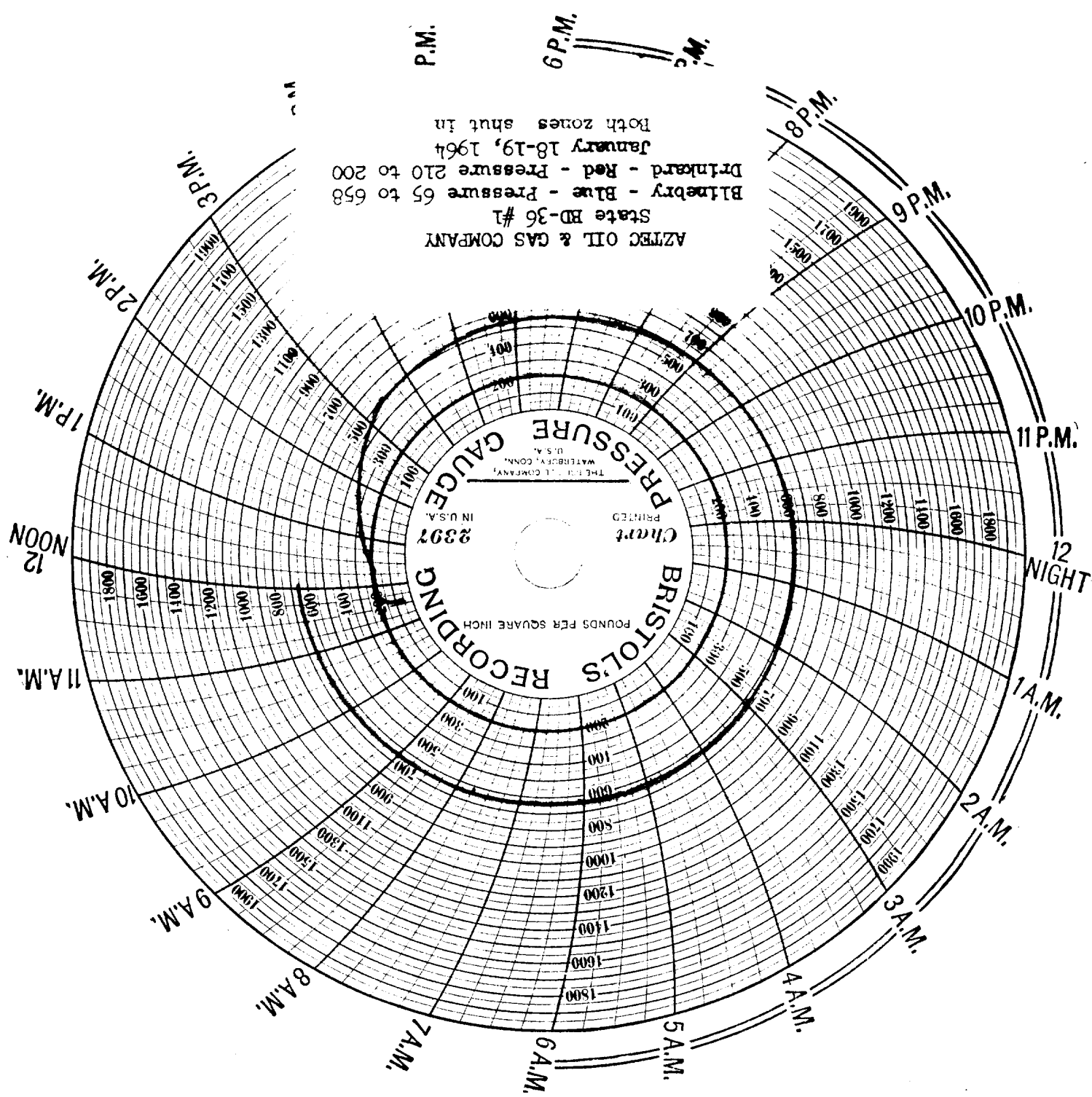




State BD-36 #1
Blue - Pressure 662 to 884
Red - Pressure 30 to 210
Blindry - January 16-17, 1964
Drinkard - January 16-17, 1964
W. C. Jones, Jr. Inc.

P.M. 6 P.M. P.M. 8 P.M.





AZTEC OIL & GAS COMPANY
State RD-36 #1
Blindery - Blue - Pressure 65 to 658
Drinkard - Red - Pressure 210 to 200
January 18-19, 1964
Both zones shut in

W.C.
6 P.M.
P.M.