

N MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

(CORRECTED COPY)

Operator <u>Sinclair Oil & Gas Company</u>				Lease <u>State Lea 4011</u>		Well No. <u>1</u>	
Location of Well	Unit <u>N</u>	Sec <u>8</u>	Twp <u>13 S</u>		Rge <u>35 E</u>	County <u>Lea</u>	
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	<u>Vacuum Abo Reef</u>		<u>Oil</u>	<u>Art Lift</u>	<u>Trg</u>	<u>- -</u>	
Lower Compl	<u>Vacuum Devonian, North</u>		<u>Oil</u>	<u>Flow</u>	<u>Trg</u>	<u>20/64</u>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:45 AM 3-22-65

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:00 AM 3-23-65</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>175</u>	<u>600</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>175</u>	<u>600</u>
Minimum pressure during test.....	<u>175</u>	<u>50</u>
Pressure at conclusion of test.....	<u>175</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>550</u>
Was pressure change an increase or a decrease?.....	<u>No change</u>	<u>Decrease</u>
Well closed at (hour, date): <u>10:00 AM 3-24-65</u>	Total Time On Production <u>26 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>190</u> bbls; Grav. <u>44</u> ;	During Test <u>18.5</u> MCF; GOR <u>97:1</u>	
Remarks <u>Results of test indicate packer is separating the two zones properly.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>7:30 AM 3-25-65</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>150</u>	<u>425</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>150</u>	<u>600</u>
Minimum pressure during test.....	<u>50</u>	<u>425</u>
Pressure at conclusion of test.....	<u>50</u>	<u>600</u>
Pressure change during test (Maximum minus Minimum).....	<u>100</u>	<u>175</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>7:30 AM 3-26-65</u>	Total time on Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>40</u> bbls; Grav. <u>40</u> ;	During Test <u>56.8</u> MCF; GOR <u>1420:1</u>	
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 Sinclair Oil & Gas Company

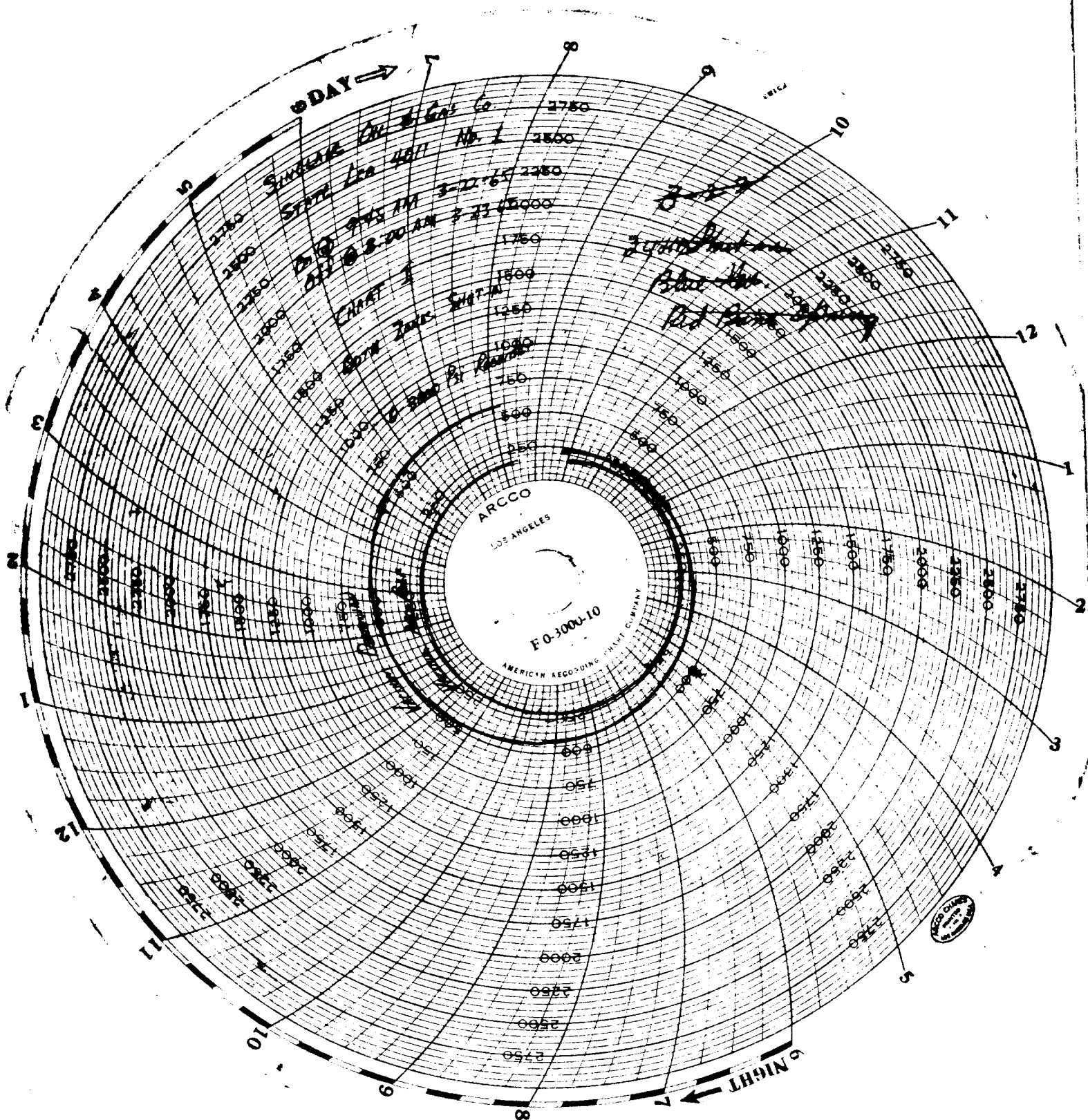
By _____
Title _____

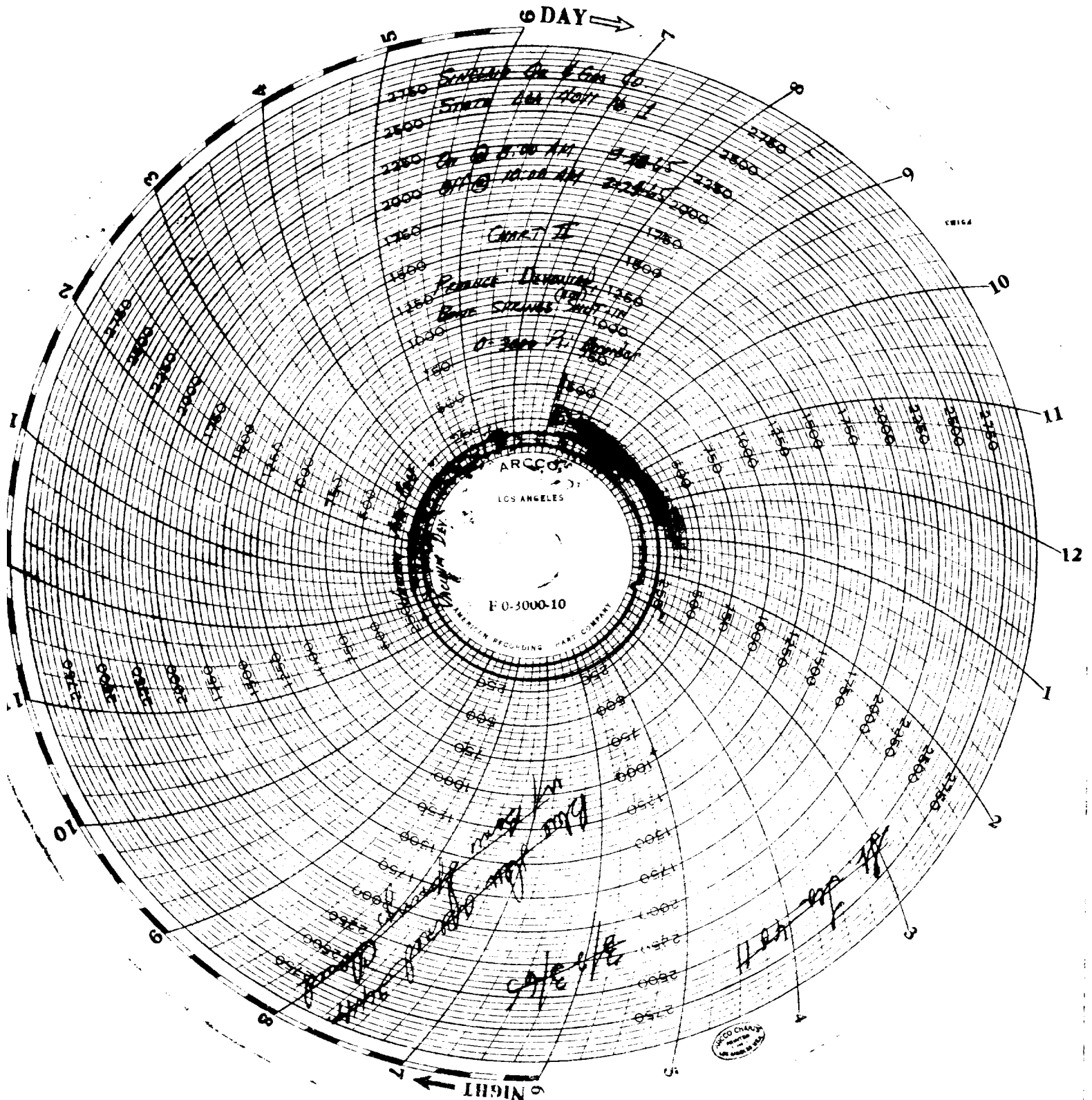
By Fred Burns
Title Field Superintendent
Date 3-21-65

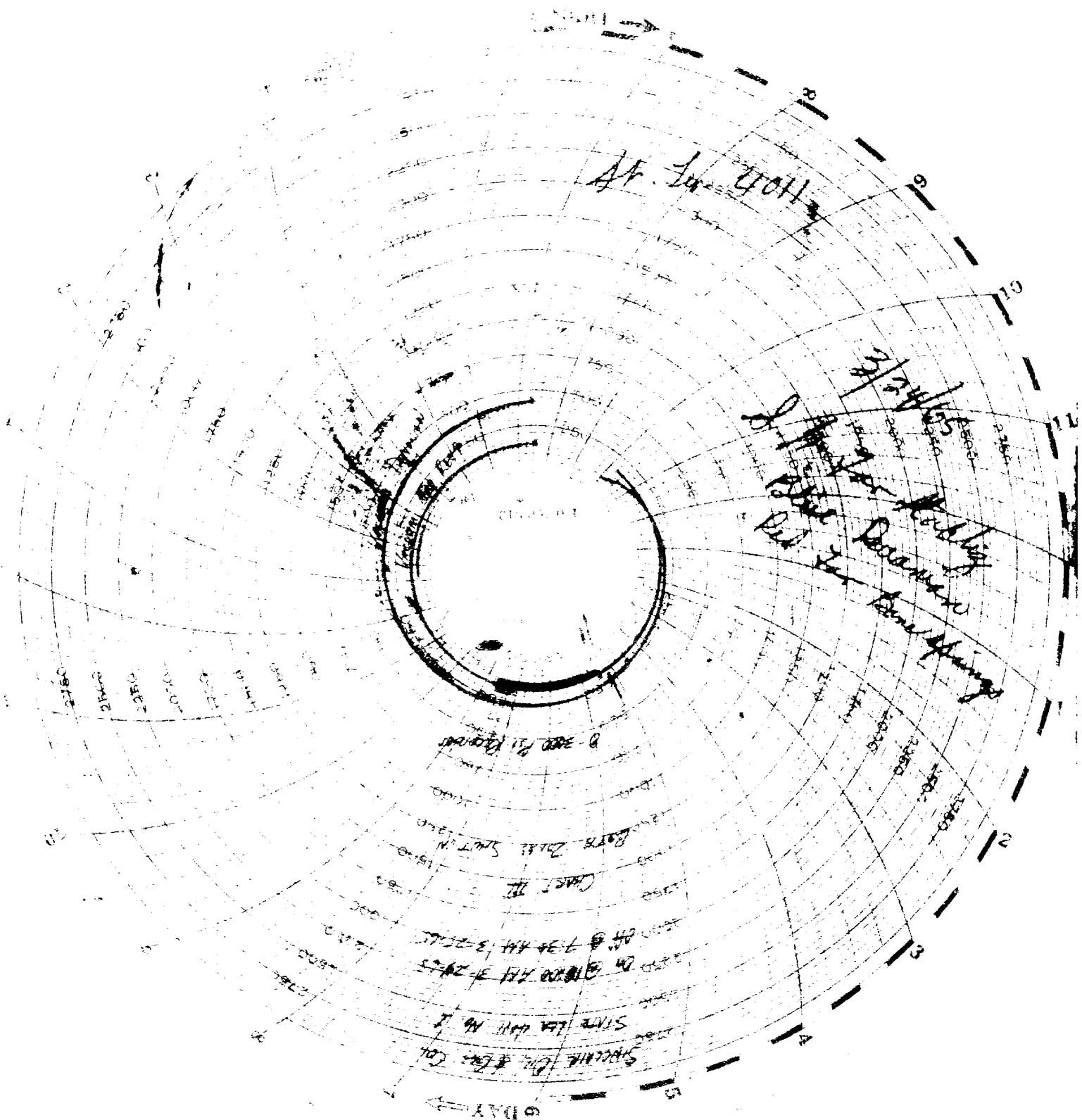
4. For each of the above items, the following information shall be provided at the time of the request for information: (a) whether the information remains shut in such a stable form; (b) whether the information has become available; and (c) whether the information has been provided, however.

1. The pressure versus time curve is used to determine the pressure rise time as well as the lead time. The pressure curve is subjectively judged by the operator's eye. The test image that forms during this test period

This image shows a full page of blank graph paper. The grid consists of small squares formed by thin black lines. There are no margins, text, or other markings on the page.



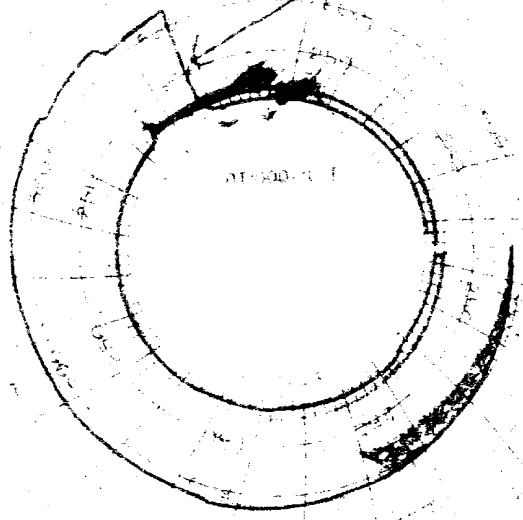




START

Al. 100-0011
2/24/69

Base spring
pumping
room
made well
plugged



0-3000 ft. Bottom
SPRINGS BOAT SPARKS (AND KEEL)
CHART 12
ON 7:30 AM 3-25-67
ON 7:30 AM 3-26-67
STATE LA 4011 AB 1
SINKING OF 1011
DATA

2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0

2
3
4
5