

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM114971
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address PO BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	8. Well Name and No. OWL DRAW 22 W1AP FED COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T26S R27E Mer NMP SESE 230FSL 660FEL		9. API Well No. 30-015-42475
		10. Field and Pool, or Exploratory WOLFCAMP
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

08/11/14 TD 8 3/4" hole @ 9526'. Ran 9526' of 7" 26# P110 LT&C & BT&C csg. Cmt w/600 sks of BJ Lite Class C (60:40:0) w/additives. Mixed @ 12.0#/g w/2.26 yd. Tail w/400 sks Class H w/additives. Mixed @ 15.6#/g w/1.19 yd. Plug down @ 7:00 A.M. 08/12/14. Did not circ cmt. Ran temp surv indicating TOC @ 850'. Lift pressure @ 2250# @ 3 BPM. Tested csg to 7500#. At 10:00 P.M. 08/13/14, tested csg to 1500# for 30 mins, held OK. Drilled out with 6 1/8" bit.

Copy of Chart &amp; Schematic attached.

Copy of Temperature survey attached.

Bond on file: NM1693 nationwide &amp; NMB000919

f20 1/6/2015  
Accepted for record  
NM/OCDNM OIL CONSERVATION  
ARTESIA DISTRICT  
DEC 23 2014  
RECEIVED

14. I hereby certify that the foregoing is true and correct.		Electronic Submission #257314 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH HAM on 11/20/2014	
Name (Printed/Typed)	JACKIE LATHAN	Title	AUTHORIZED REPRESENTATIVE
Signature	(Electronic Submission)	Date	08/18/2014
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved By		BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

# MAN WELDING SERVICES, INC

Company NEWBOLD OIL Corp. Date 8-12-14

Lease QUL DDAW 22 W 1st EDP #14 County Eddy

Drilling Contractor Patterson 188 Plug & Drill Pipe Size 11" - 1st 3 1/2 ft

Accumulator Pressure: 3000 Manifold Pressure: 1500 Annular Pressure: 1350

## Accumulator Function Test - OO&GO#2

### To Check - USABLE FLUID IN THE NITROGEN BOTTLES (III.A.2.c.i. or ii. or iii)

- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
- 1. Open HCR Valve. (If applicable)
- 2. Close annular.
- 3. Close all pipe rams.
- 4. Open one set of the pipe rams to simulate closing the blind ram.
- 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
- 6. Record remaining pressure 1250 psi. Test fails if pressure is lower than required.
  - a. (950 psi for a 1500 psi system) b. (1200 psi for a 2000 & 3000 psi system)
- 7. If annular is closed, open it at this time and close HCR.

### To Check - PRECHARGE ON BOTTLES OR SPHERICAL (III.A.2.d.)

- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
  - a. (800 psi for a 1500 psi system) b. (1100 psi for 2000 and 3000 psi system)
- 1. Open bleed line to the tank, slowly. (gauge needle will drop at the lowest bottle pressure)
- 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
- 3. Record pressure drop 975 psi. Test fails if pressure drops below minimum.
- Minimum: a. (700 psi for a 1500 psi system) b. (900 psi for a 2000 & 3000 psi system)

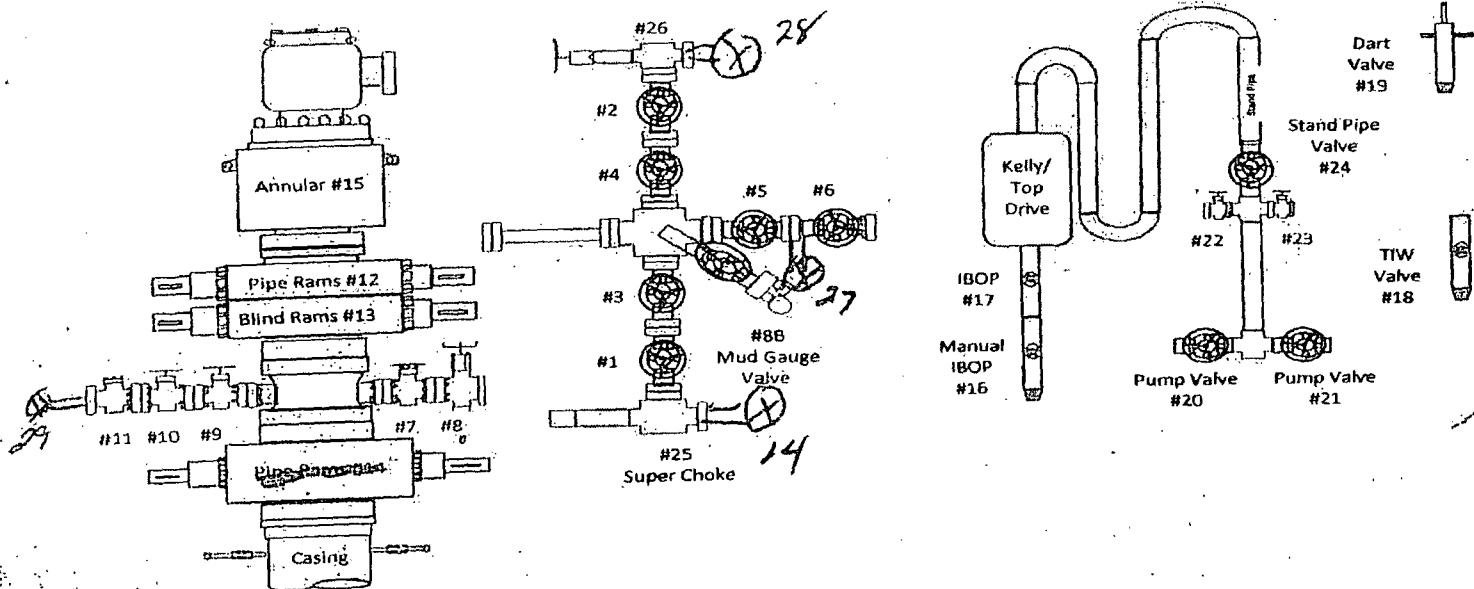
### To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

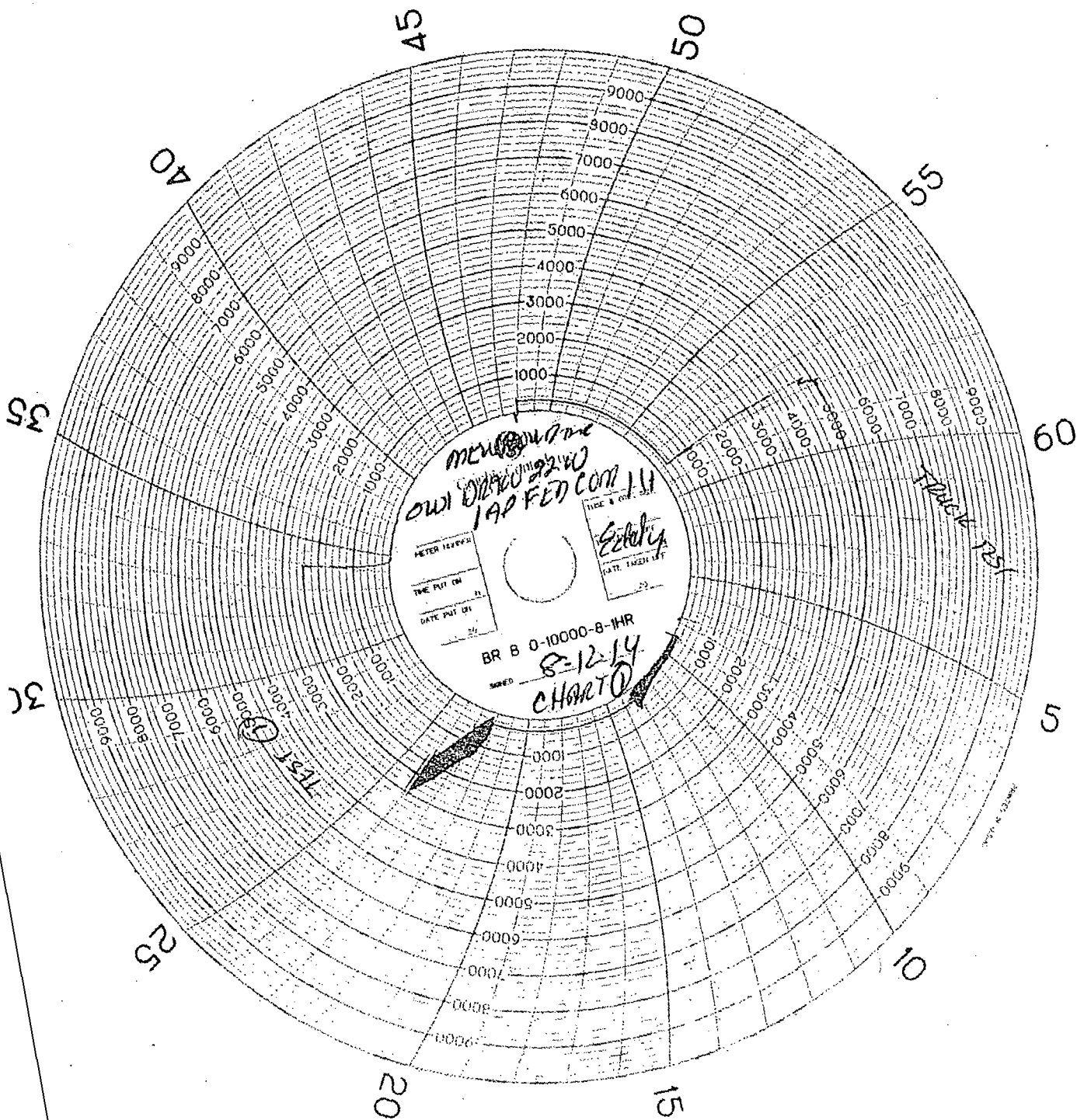
- Isolate the accumulator bottles or spherical from the pumps & manifold.
- Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
- 1. Open the HCR valve, (if applicable)
- 2. Close annular
- 3. With pumps only, time how long it takes to regain the required manifold pressure.
- 4. Record elapsed time 1:27. Test fails if it takes over 2 minutes.
  - a. (950 psi for a 1500 psi system) b. (1200 psi for a 2000 & 3000 psi system)

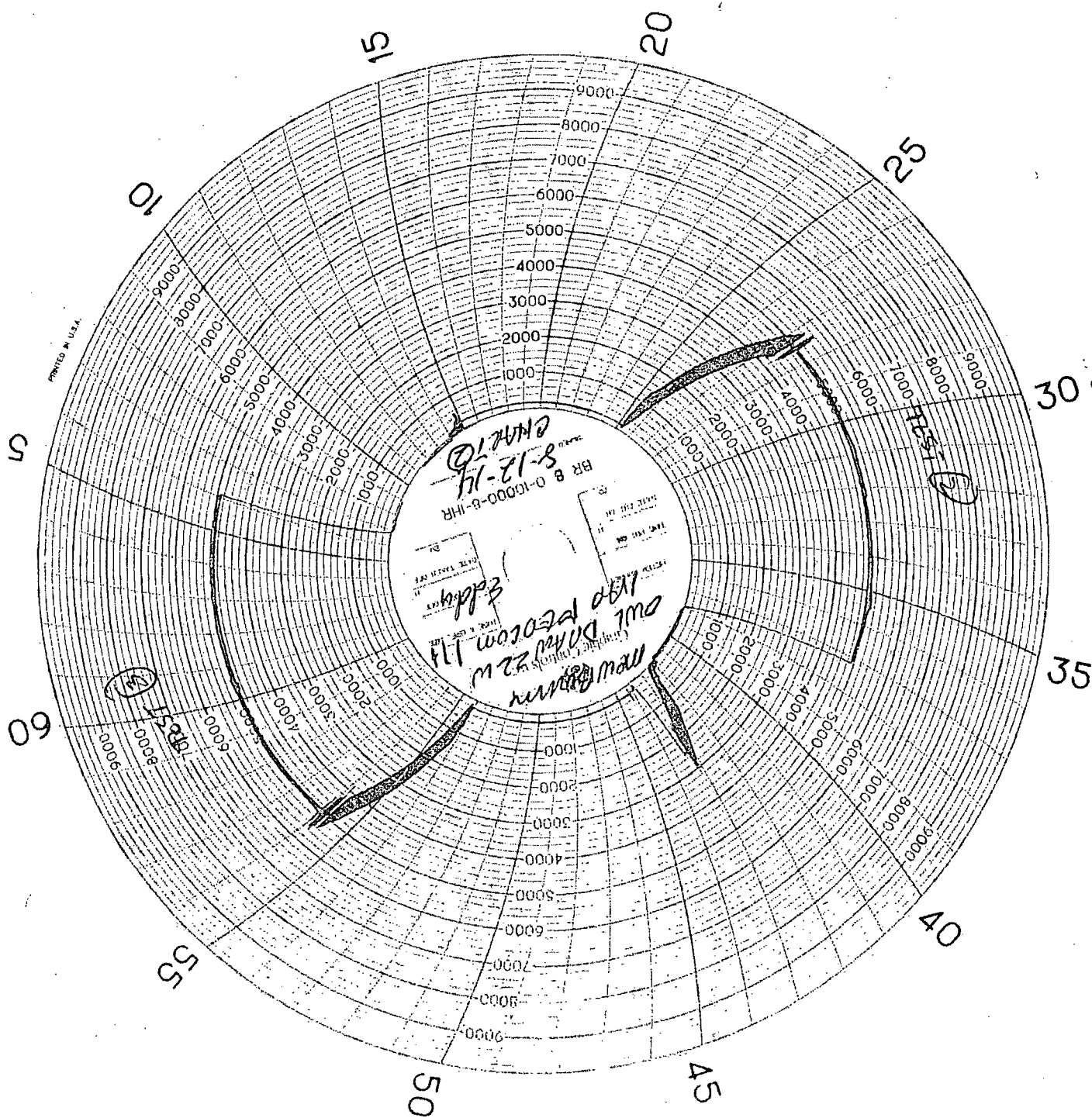


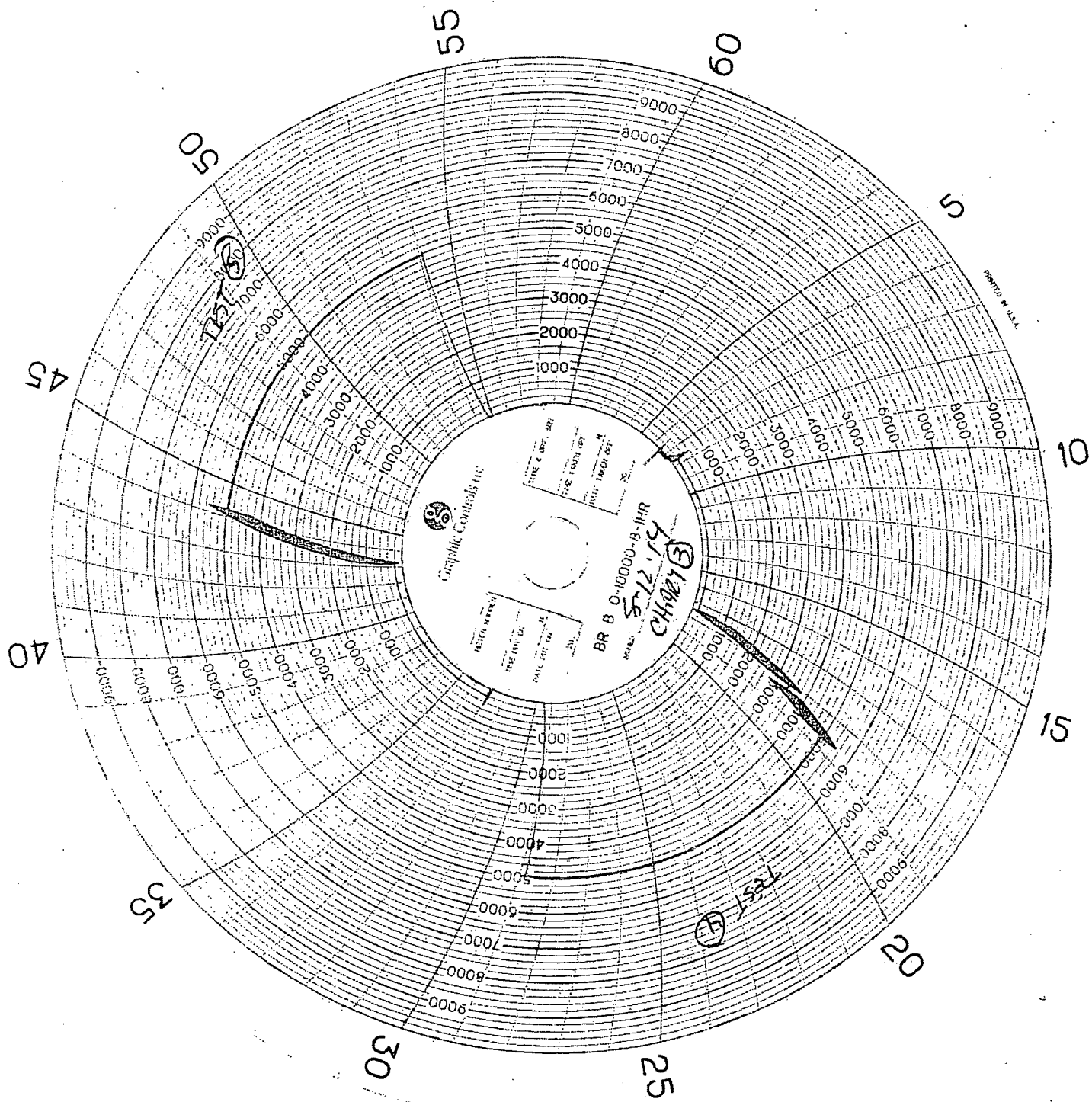
Pg. \_\_\_\_\_ of \_\_\_\_\_

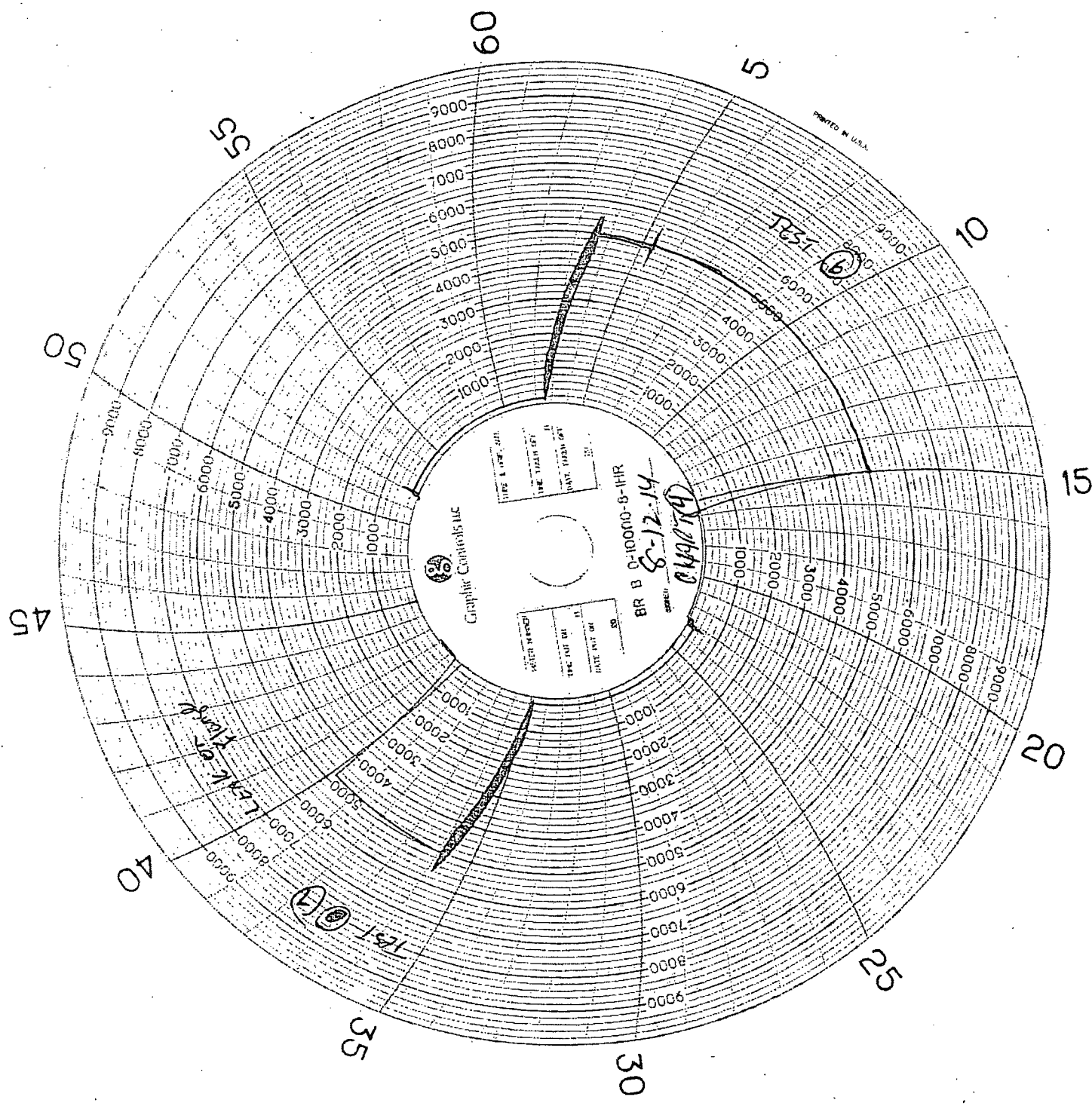
Required BOP: \_\_\_\_\_ Installed BOP: \_\_\_\_\_  
 \* Appropriate Casing Valve Must Be Open During BOP Test \* \* Check Valve Must Be Open/Disabled To Test Kill Line Valves \*

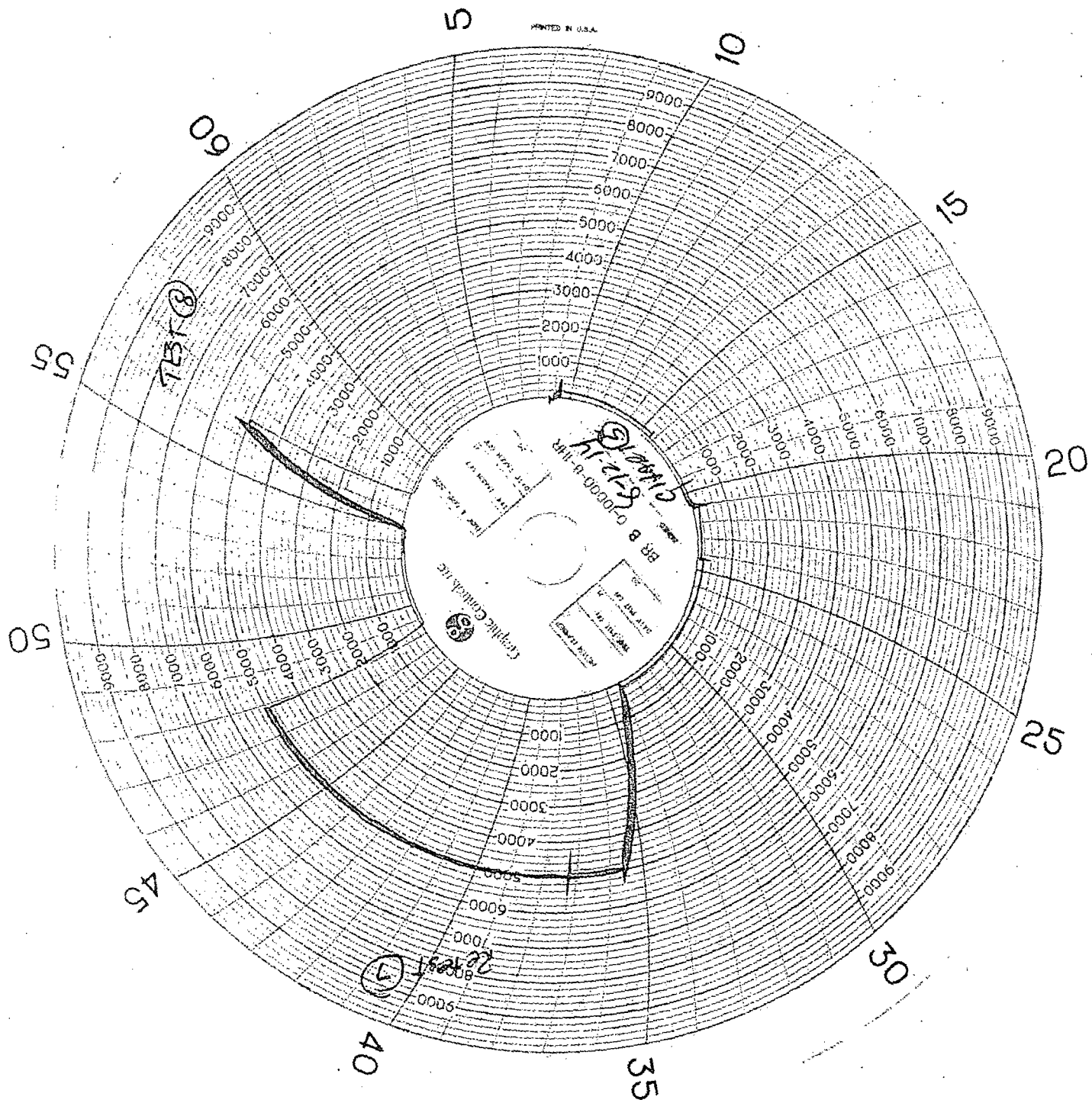
[illegible]



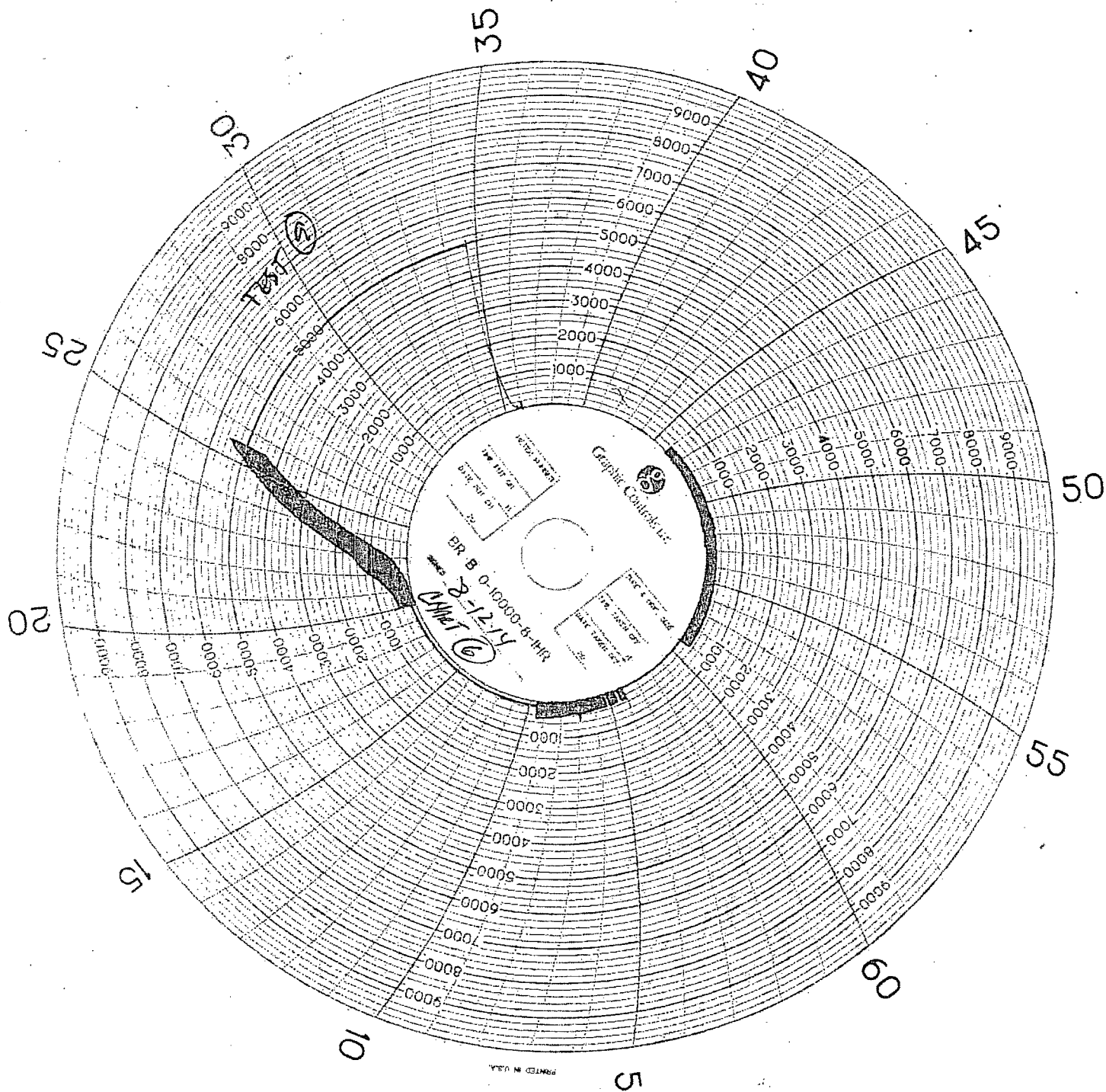


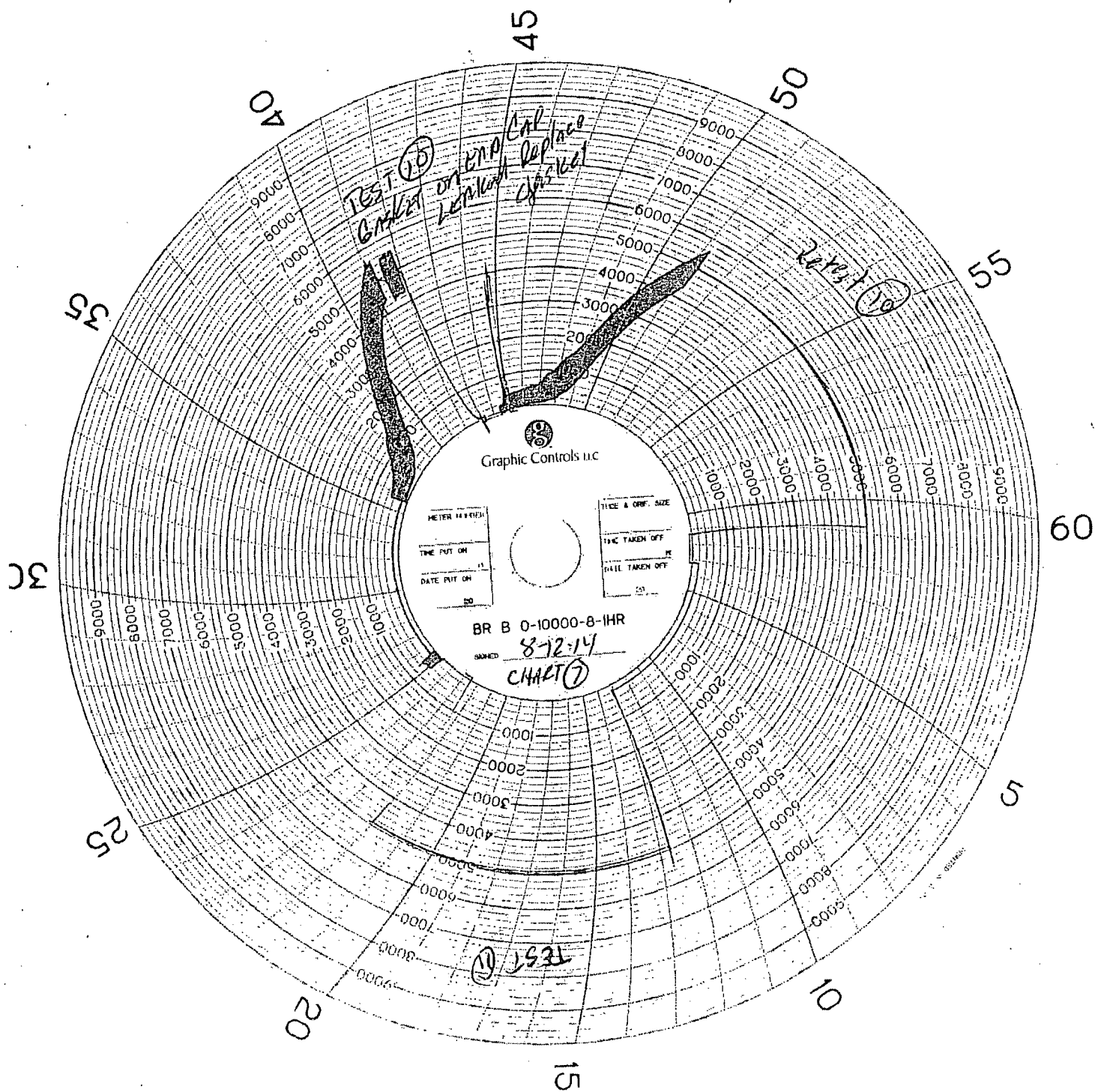


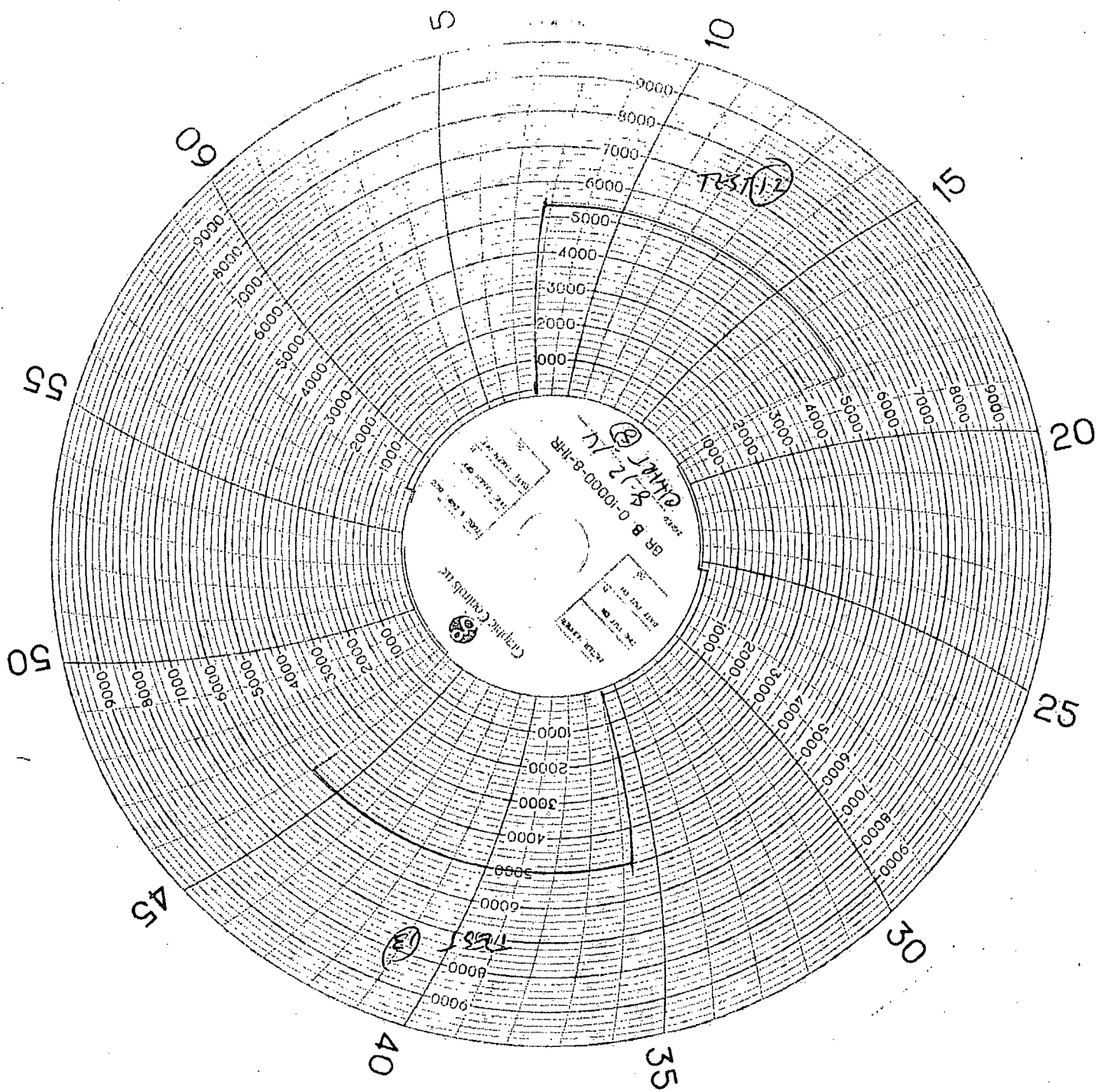


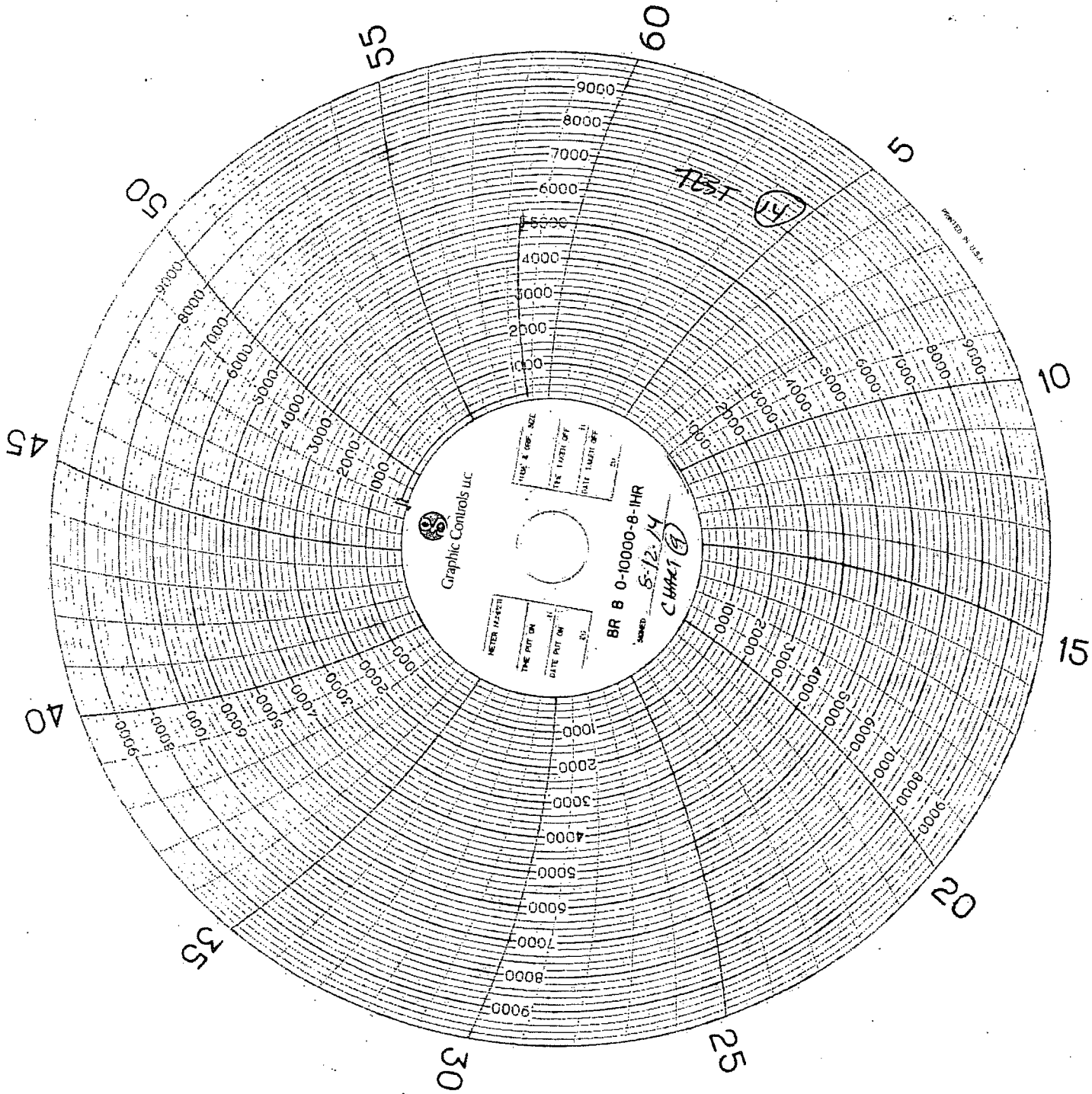












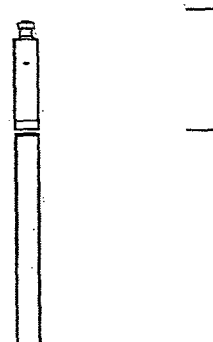


**WARRIOR**  
**ENERGY SERVICES**

**TEMPER**  
**LO**

Company MEWBOURNE OIL COMPANY Well OWL DRAW 22 Field WOLFCAMP County EDDY State NEW MEXICO	Company		MEWBOURNE OIL COMPA	
	Well		OWL DRAW 22	
	Field		WOLFCAMP	
	County		EDDY	State
Location:		API # : 30-015-42		
		230' FSL, 660' FEL		
		SEC 15 TWP 26S RGE 27E		
Permanent Datum		Ground Level		Elevati
Log Measured From		Kelley Bushing		
Drilling Measured From		Kelley Bushing		
Date		Aug - 12 - 2014		
Run Number		1		
Depth Driller		9134 ft		
Depth Logger		2550 ft		
Bottom Logged Interval		2550 ft		
Top Log Interval		Ground Level		
Open Hole Size		13 3/8 in		
Type Fluid		Water		
Density / Viscosity		N/A		
Max. Recorded Temp.		120.7		
Estimated Cement Top		850 ft		
Time Well Ready		2:30 pm		
Time Logger on Bottom		3:00 pm		
Equipment Number		WL - 6944		
Location		Hobbs, NM		
Recorded By		Justin Reeves		
Witnessed By				
Borehole Record				
Run Number	Bit	From	To	Size
Casing Record		Size	Wgt/Ft	Top
Surface String		13 3/8 in		Surfa
Prot. String		9 5/8 in		400
Production String				
Liner				

<h1 style="margin: 0;">G</h1> <h2 style="margin: 0;">ATURE</h2>		<h3 style="margin: 0;">NEW MEXICO</h3>		NY
475		Other Services		
on 3149 ft		Elevation KB 3177 ft DF 3149 ft GL 3149 ft		
<<< Fold Here >>>				
<p>All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.</p>				
Comments				
<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <p style="font-size: 24px; margin: 0;">Thank You for using Warrior Services</p> </div>				

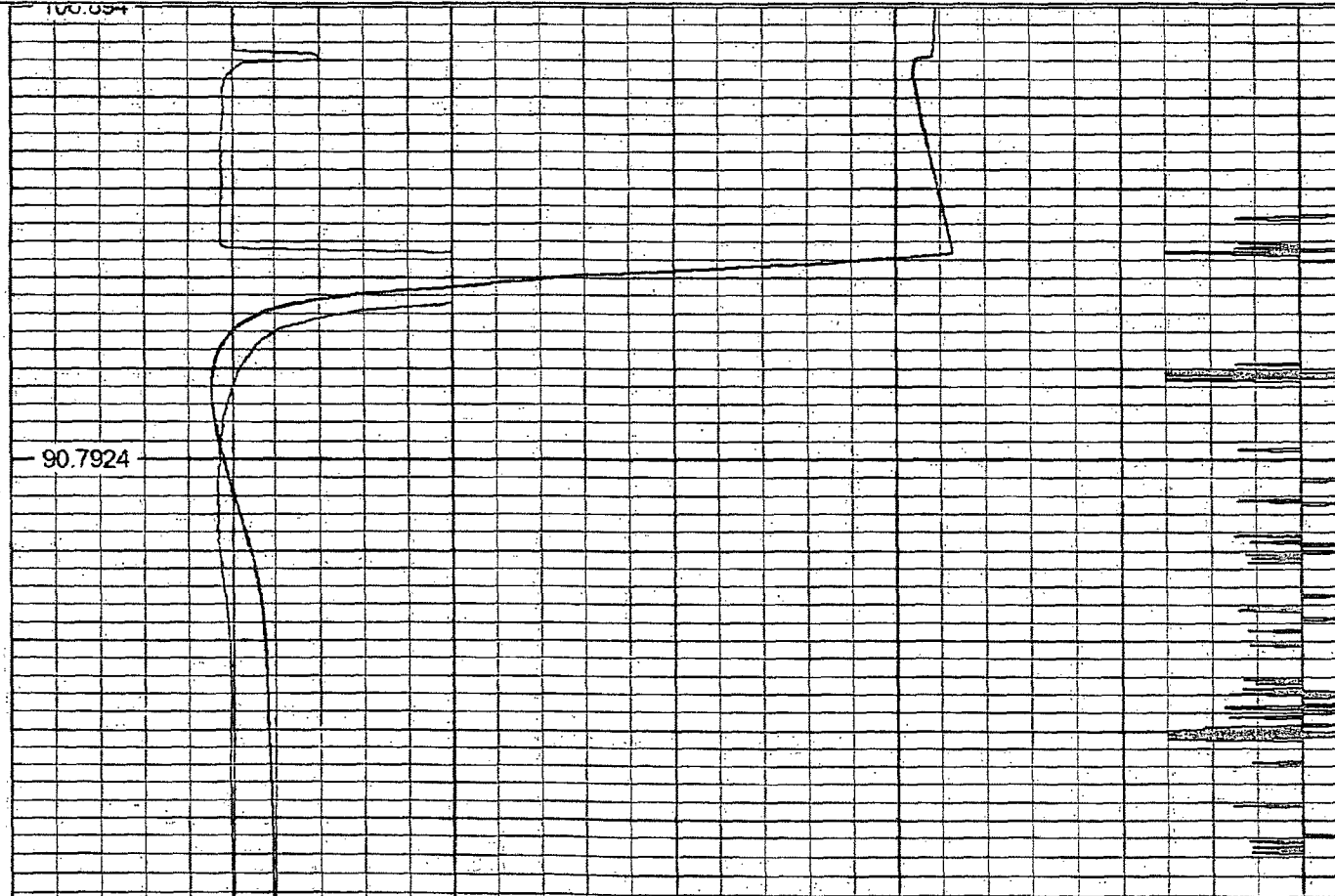
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD1_4	1.00	1.44	1.00

			1_68s7	7.00	1.69	47.00
			GR-Bell710 (710-001)	3.00	1.38	15.00
GR	4.40					
			CCL-Bell705 (705-001)	1.70	1.38	8.00
CCL	3.05					
			TEMP-Bell765 (765-001)	2.20	1.38	5.00
TEMP	0.20					

Dataset: mewbourne(8-12-14).db: field/well/run1/pass2  
Total Length: 14.90 ft  
Total Weight: 76.00 lb  
O.D. 1.69 in

Database File: mewbourne(8-12-14).db  
Dataset Pathname: pass2  
Presentation Format: temp  
Dataset Creation: Tue Aug 12 14:55:22 2014 by Log SCH 120126  
Charted by: Depth in Feet scaled 1:240

86		TEMPERATURE (degF)		116	
1	DTMP (degF)	-1	9	CASING COLLARS	-1
TEMP					
(degF)					





100

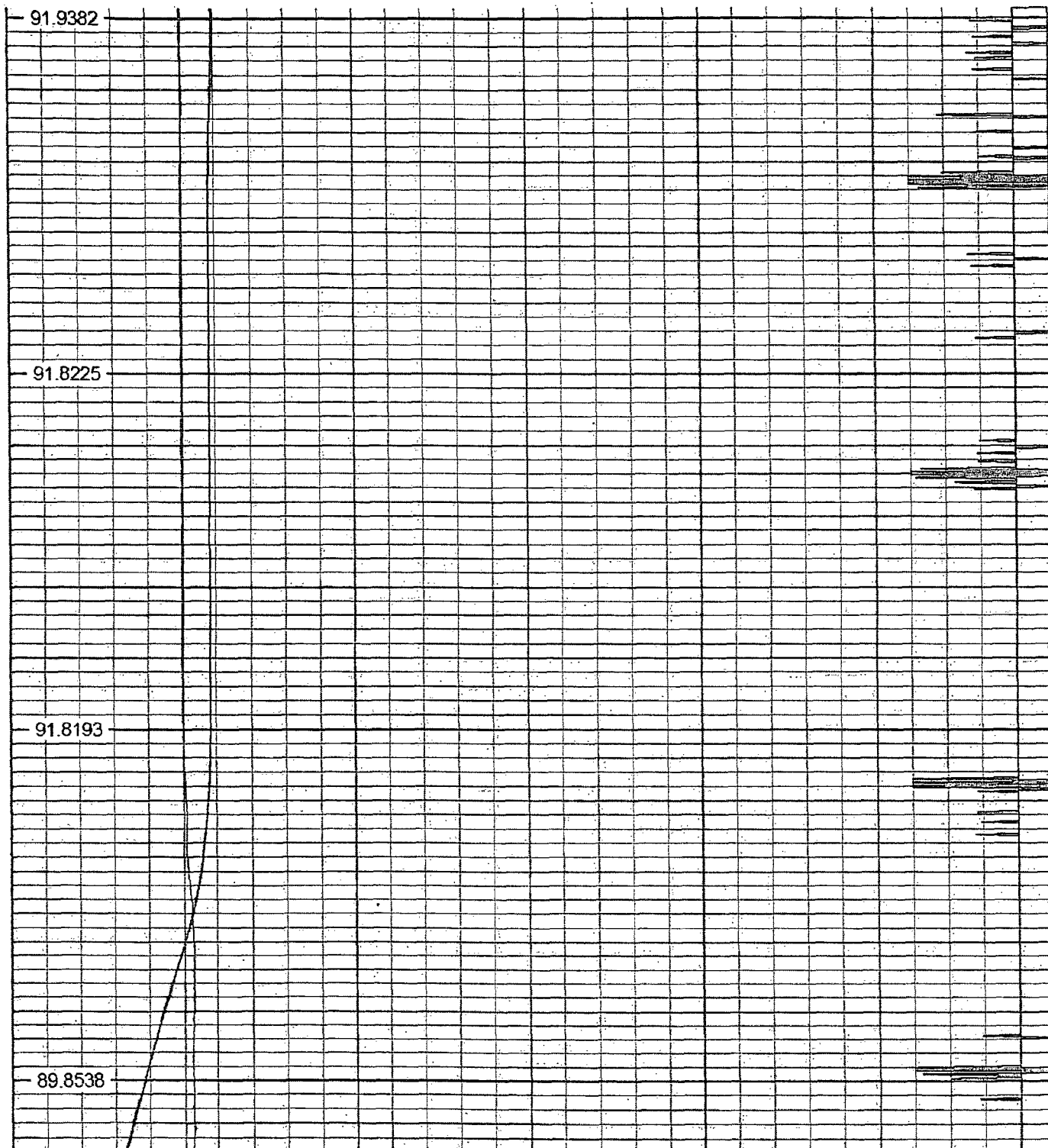
91.9382

91.8225

200

91.8193

89.8538



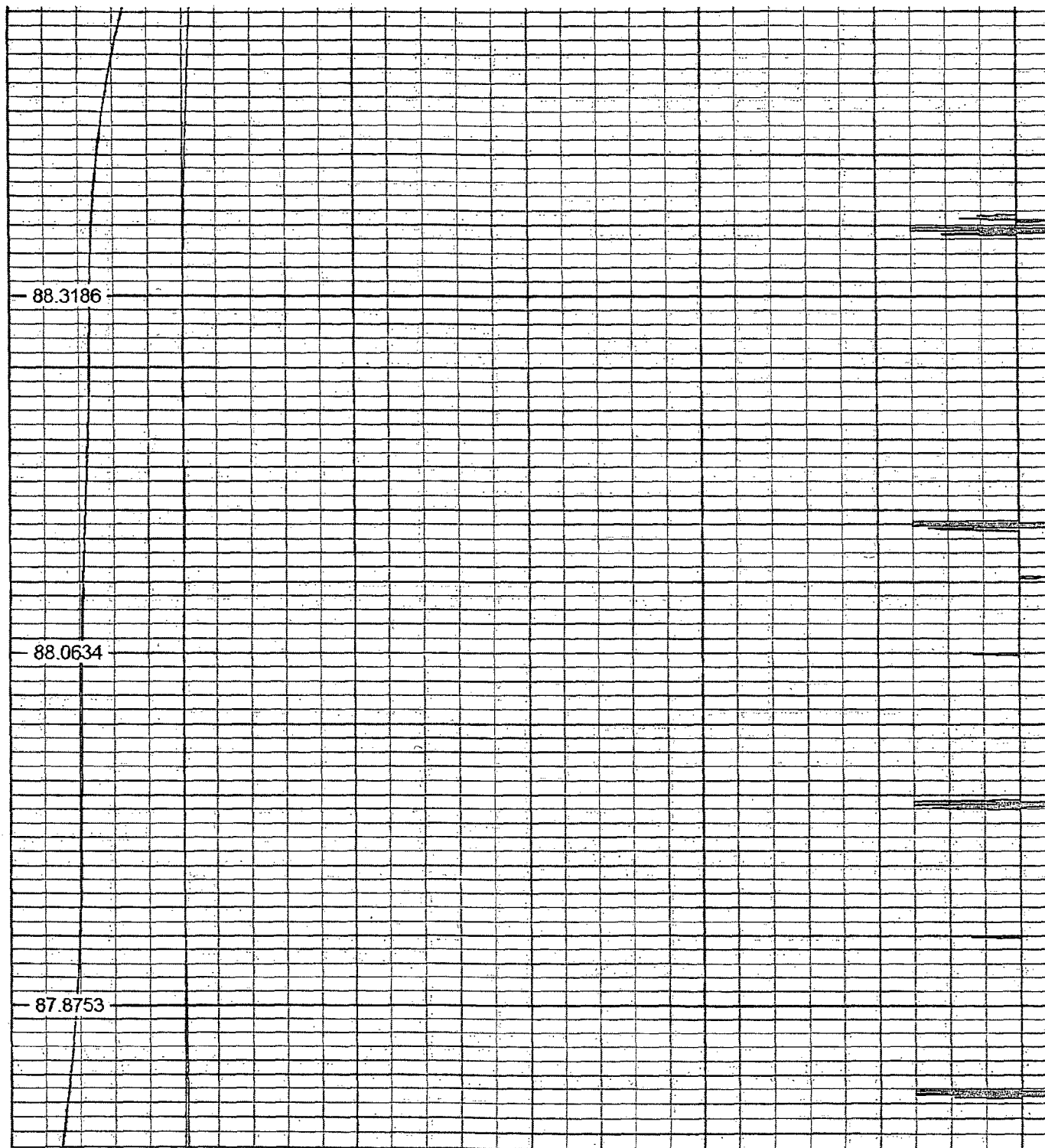
300

88.3186

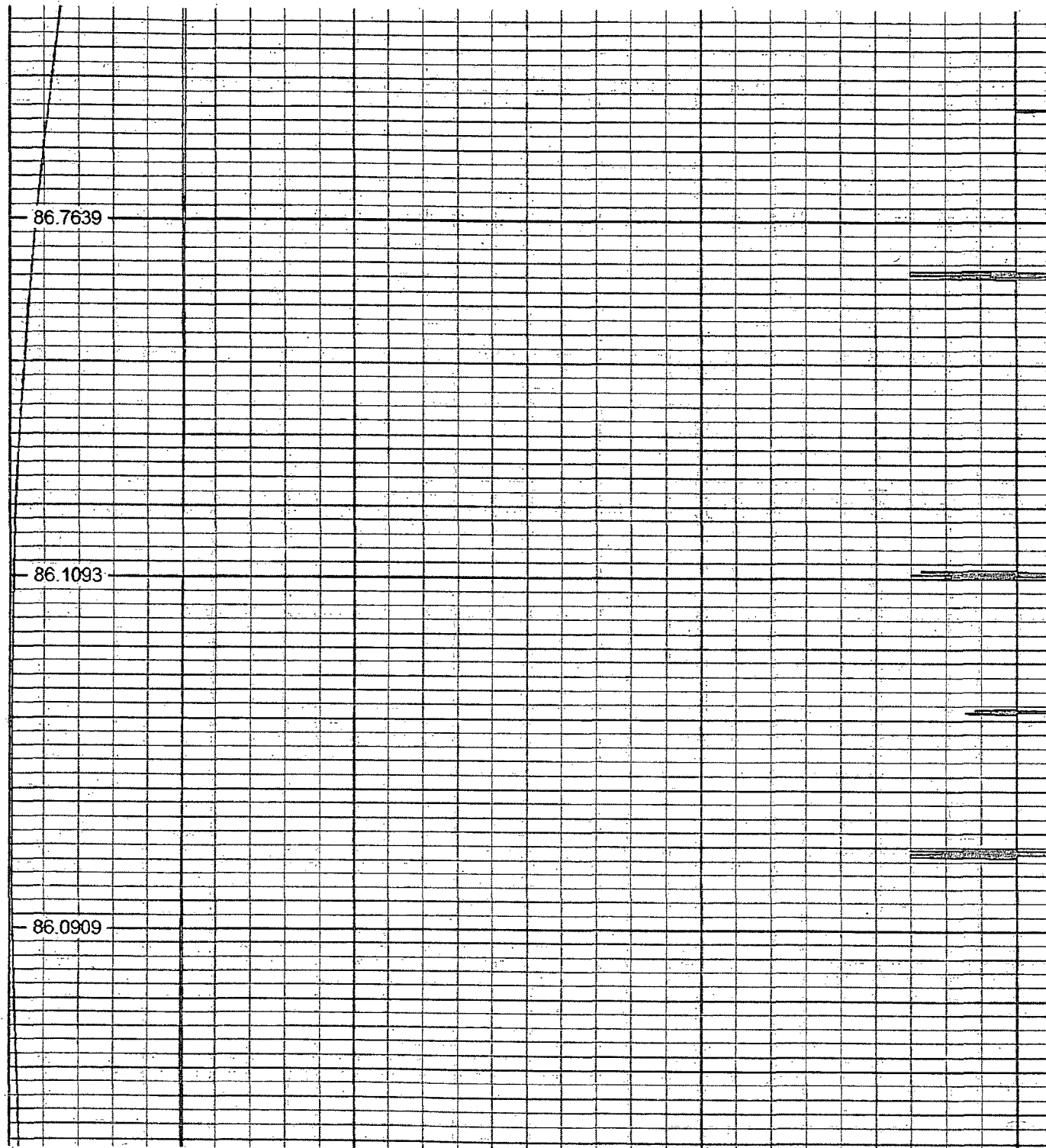
88.0634

400

87.8753



500



600

86.2947

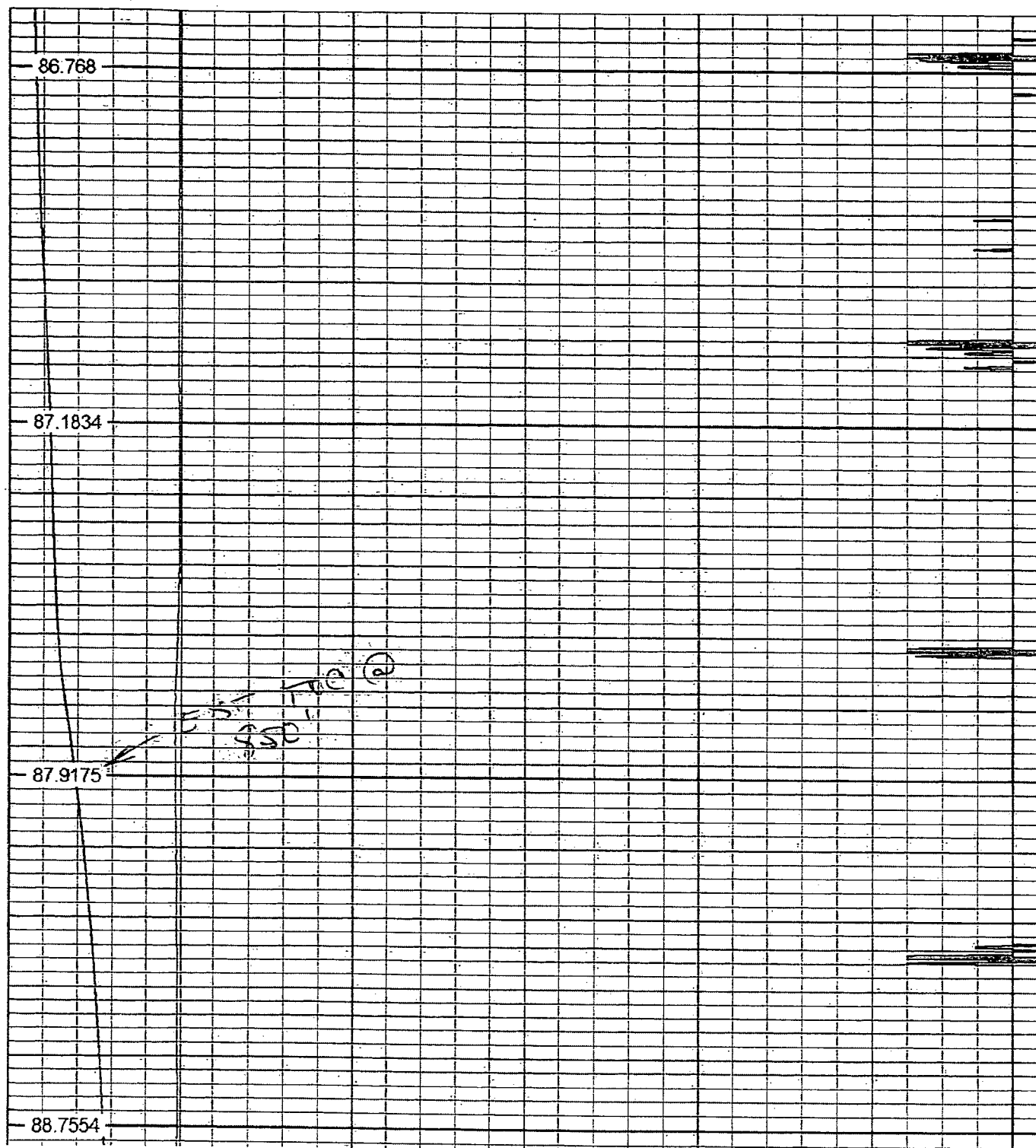
86.4328

700

86.5626

800

900



1000

89.6062

90.3126

90.4637

