

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
NCD ArtesiaFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.*5. Lease Serial No.
NMLC028990B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
VIRGO 24/23 B2HE FED COM 1H9. API Well No.
30-015-44655-00-X110. Field and Pool or Exploratory Area
SHUGRT11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
MEWBOURNE OIL COMPANYContact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com3a. Address
P O BOX 5270
HOBBS, NM 882413b. Phone No. (include area code)
Ph: 575-511-0155NM-OIL CONSERVATION
ARTESIA DISTRICT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 24 T18S R30E SENE 1850FNL 185FEL
32.735077 N Lat, 103.917496 W Lon

FEB 08 2019

RECEIVED

12. CHECK THE 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"/> Hydraulic Fracturing	<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 Well Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

12/18/18

Spud 17 1/2" hole @ 605'. Ran 592' of 13 3/8" 54.5# J55 ST&C Csg. Cemented with 375 sks Class C w/additives. Mixed @ 13.5#/g w/1.74 yd. Tail w/200 sks Class C w/1% CaCl2. Mixed @ 14.8#/g w/1.33 yd. Displaced w/84 bbls of FW. Plug down @ 1:00 PM 12/19/18. Circ 264 sks of cmt to the pit. Test BOPE to 5000# & Annular to 3500#. At 9:30 A.M. 12/21/18, tested csg to 1500#, held OK. FIT test to 10.5 PPG EMW. Drilled out with 12 1/4" bit.

Charts & Schematic attached

Bond on file: NM1693 nationwide & NMB000919

Accepted For Record

NMOC

2-12-19

ENTERED
2-12-19

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #453046 verified by the BLM Well Information System

For MEWBOURNE OIL COMPANY, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 02/04/2019 (19PP0964SE)

Name (Printed/Typed) RUBY O CABALLERO

Title REGULATORY

Signature (Electronic Submission)

Date 02/04/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

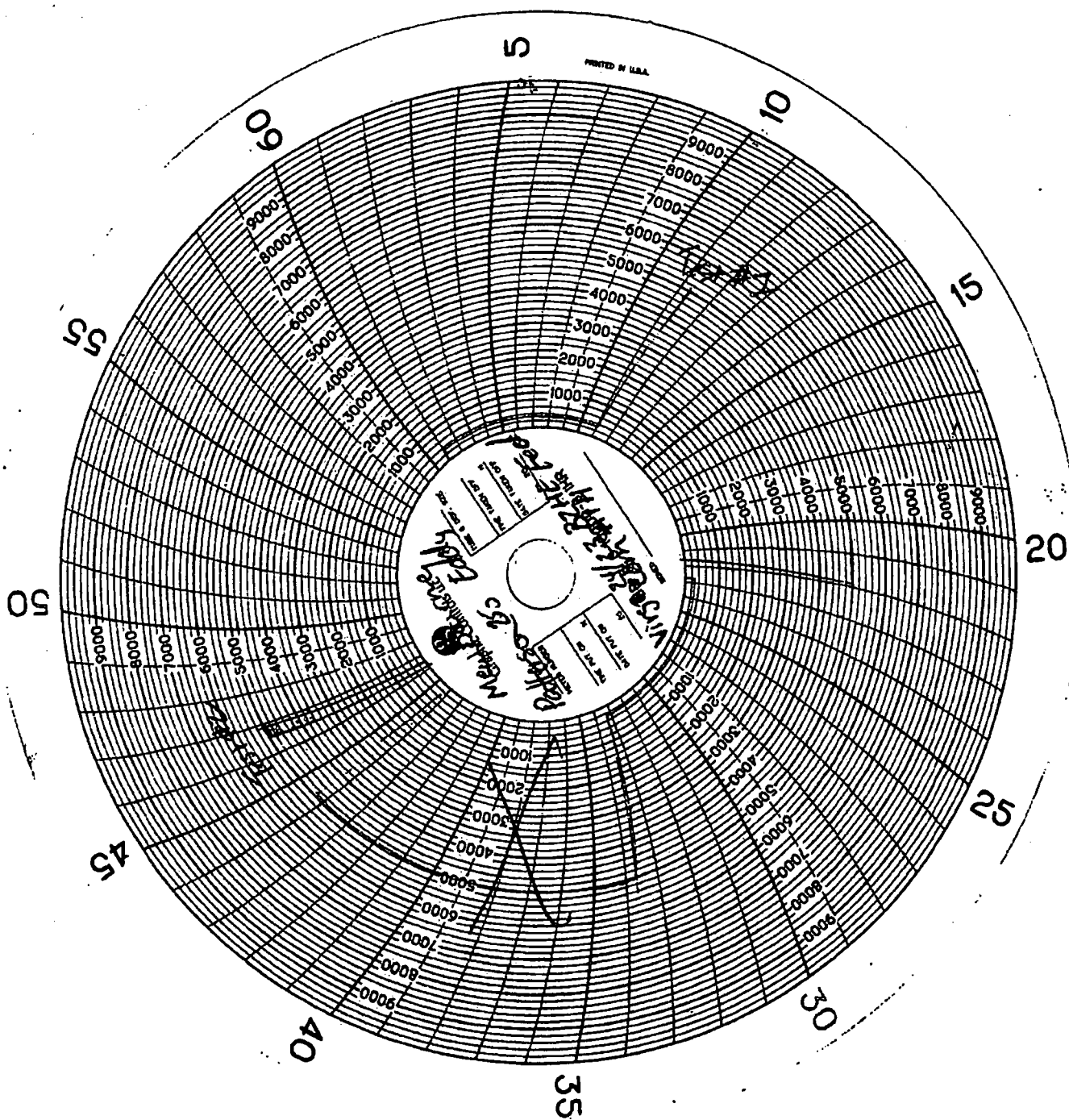
FEB 06 2019

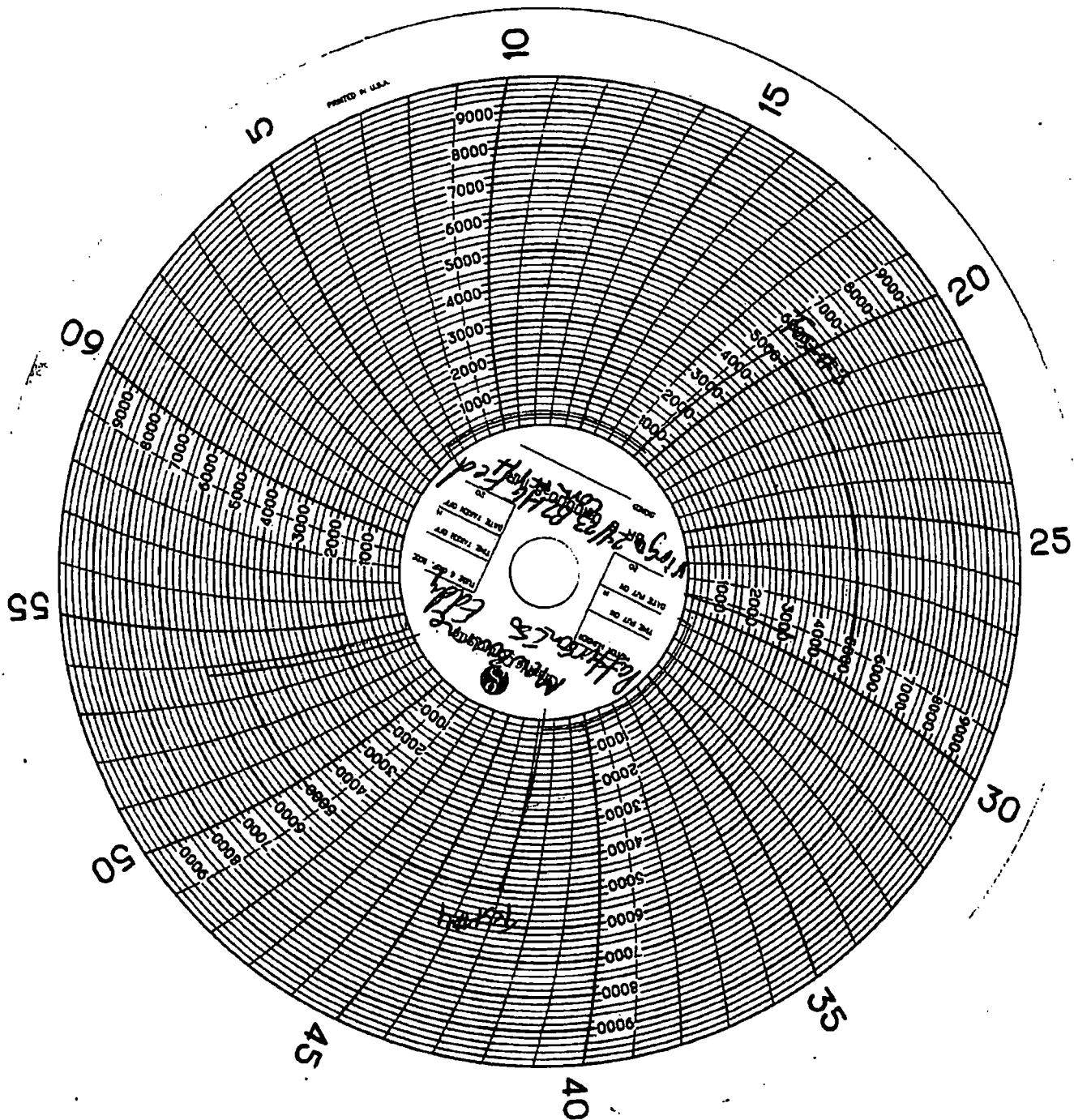
/s/ Jonathon Shepard

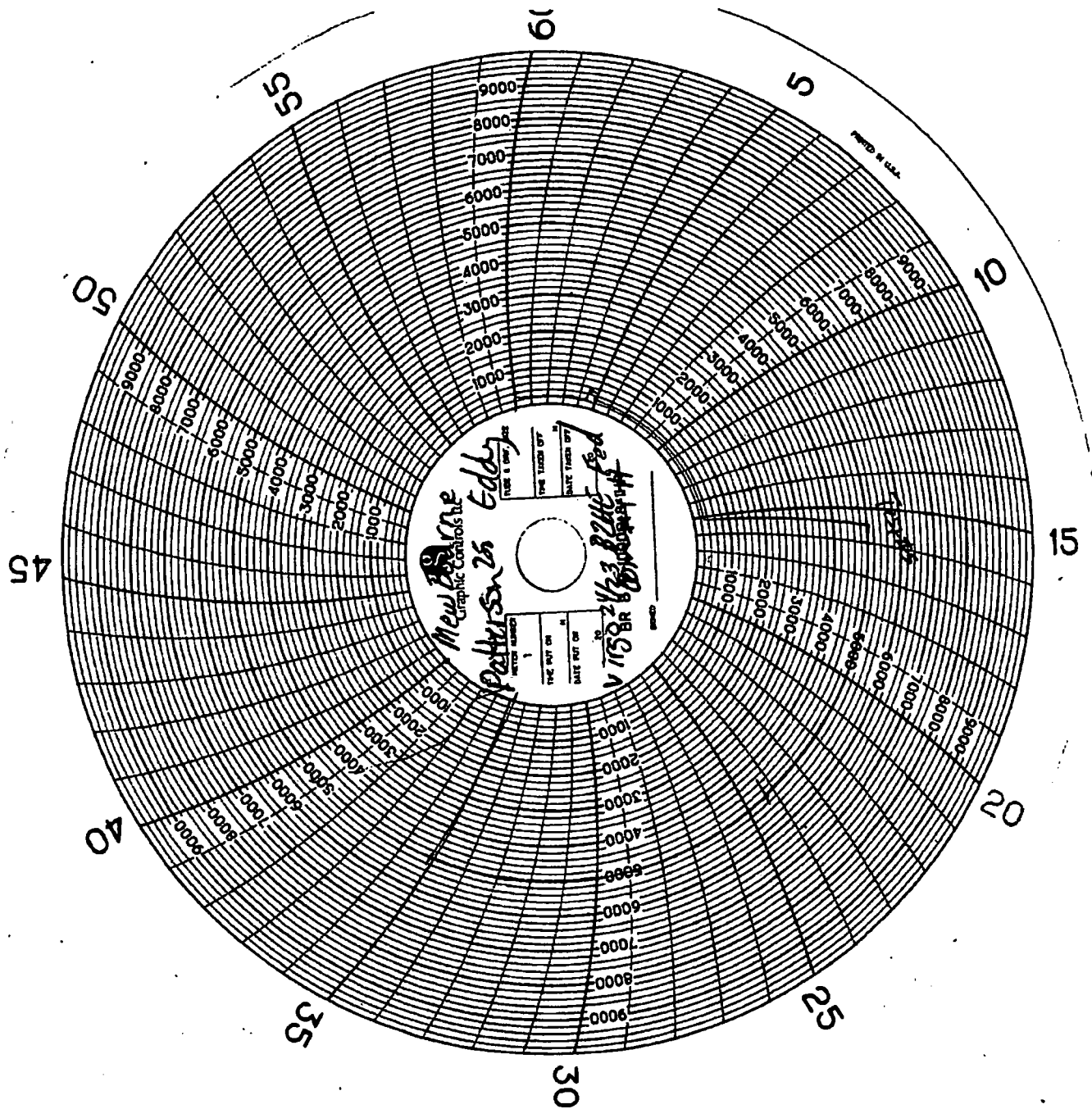
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

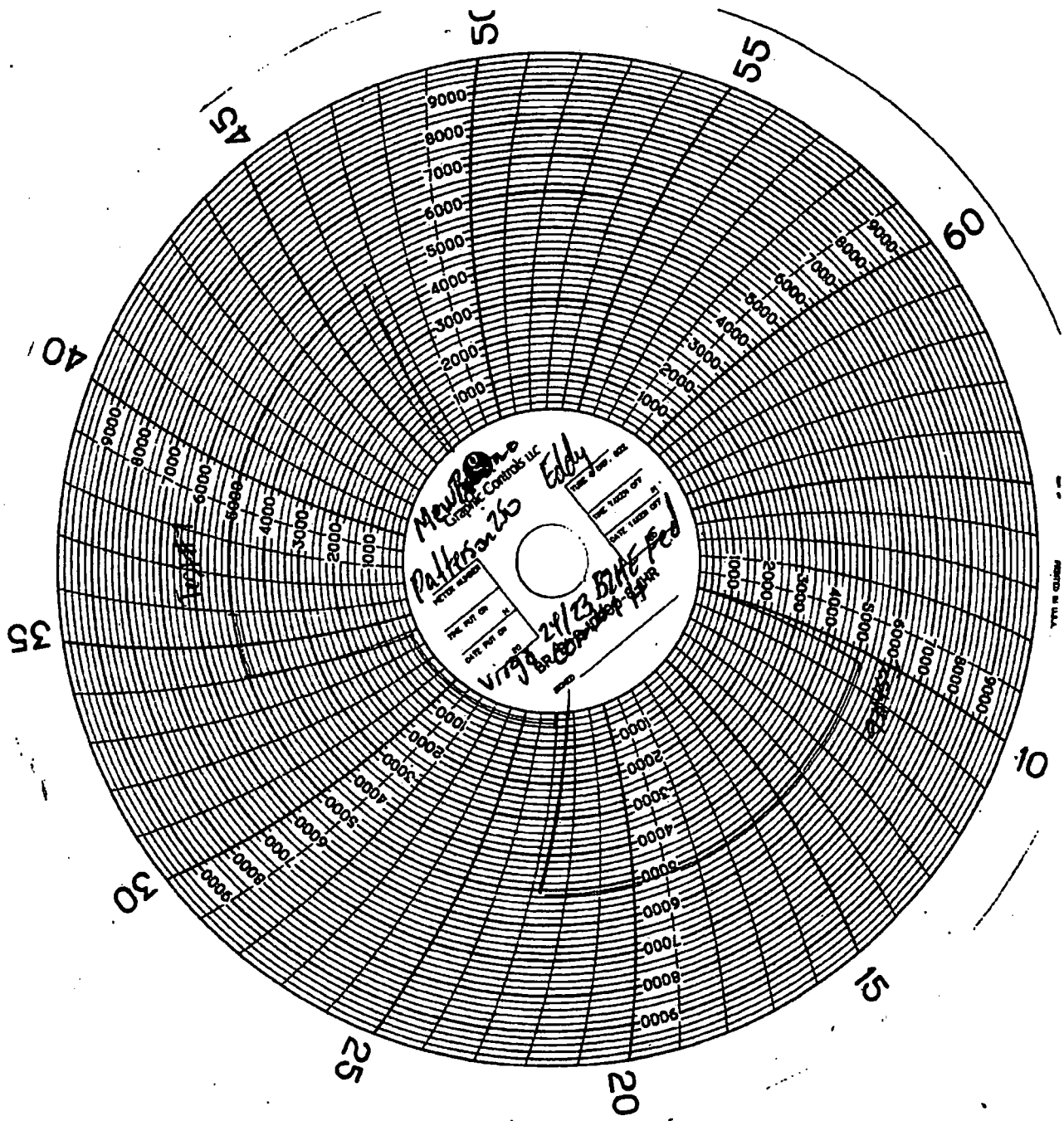
(Instructions on page 2)

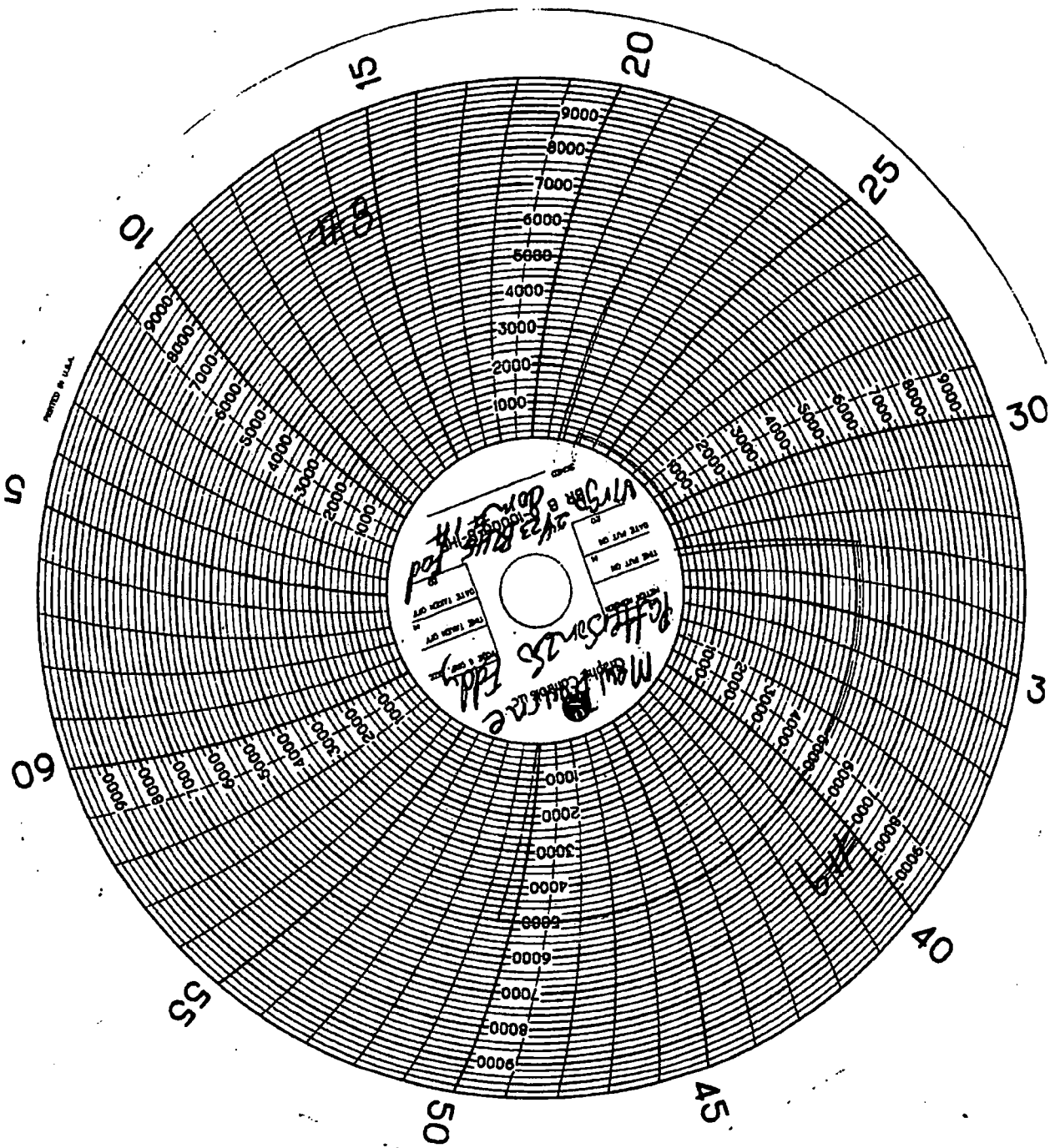
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

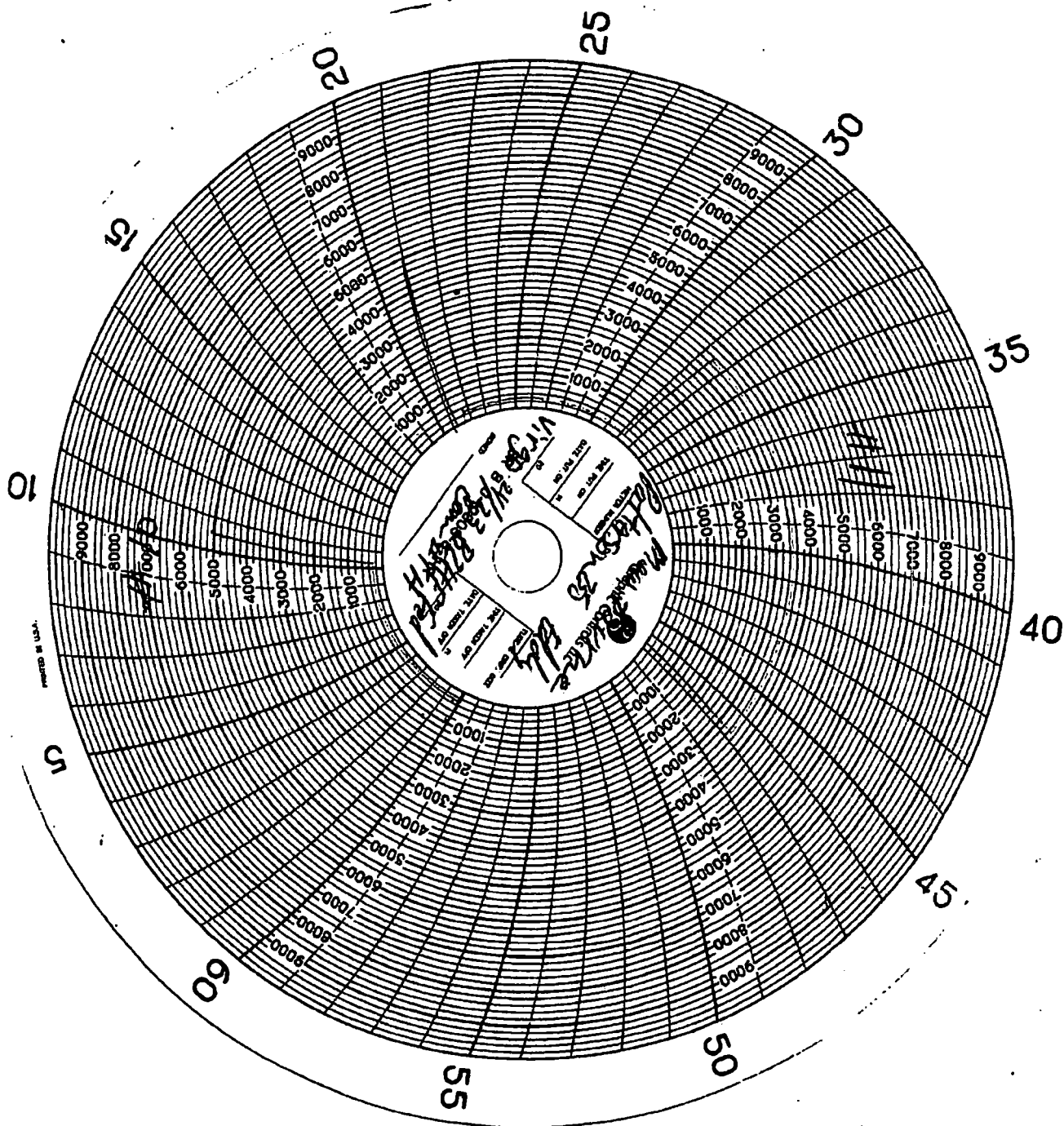


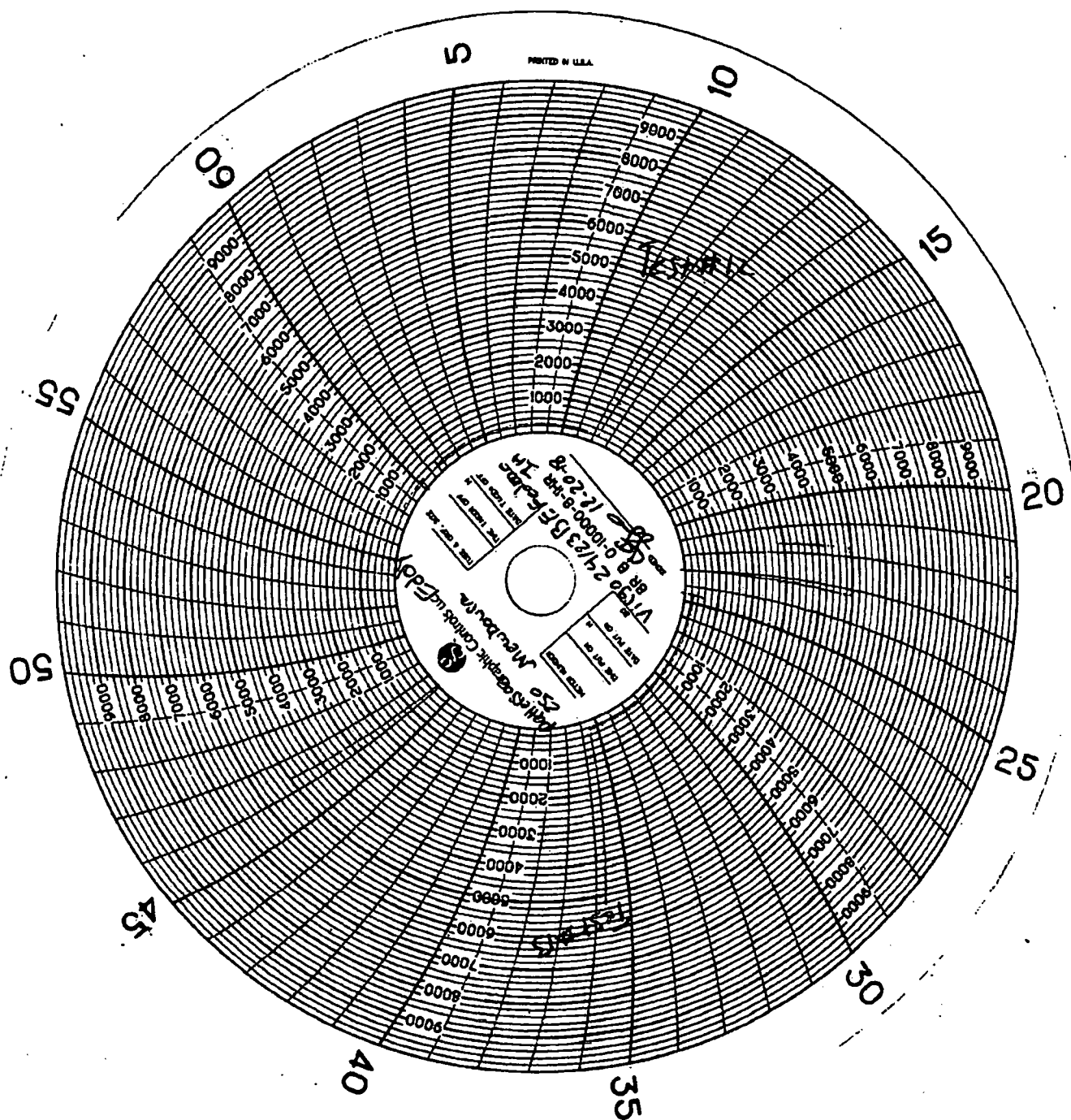


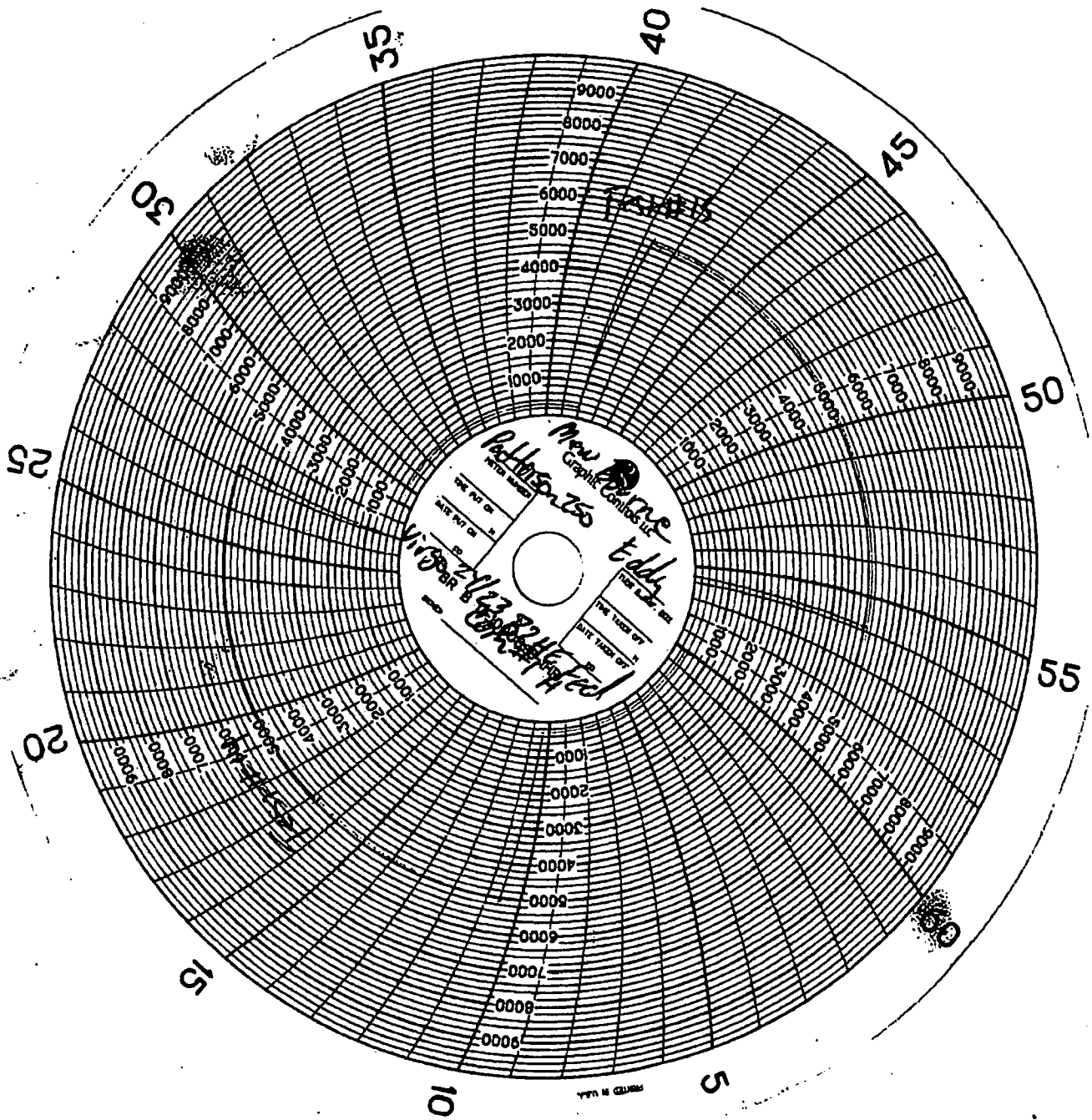


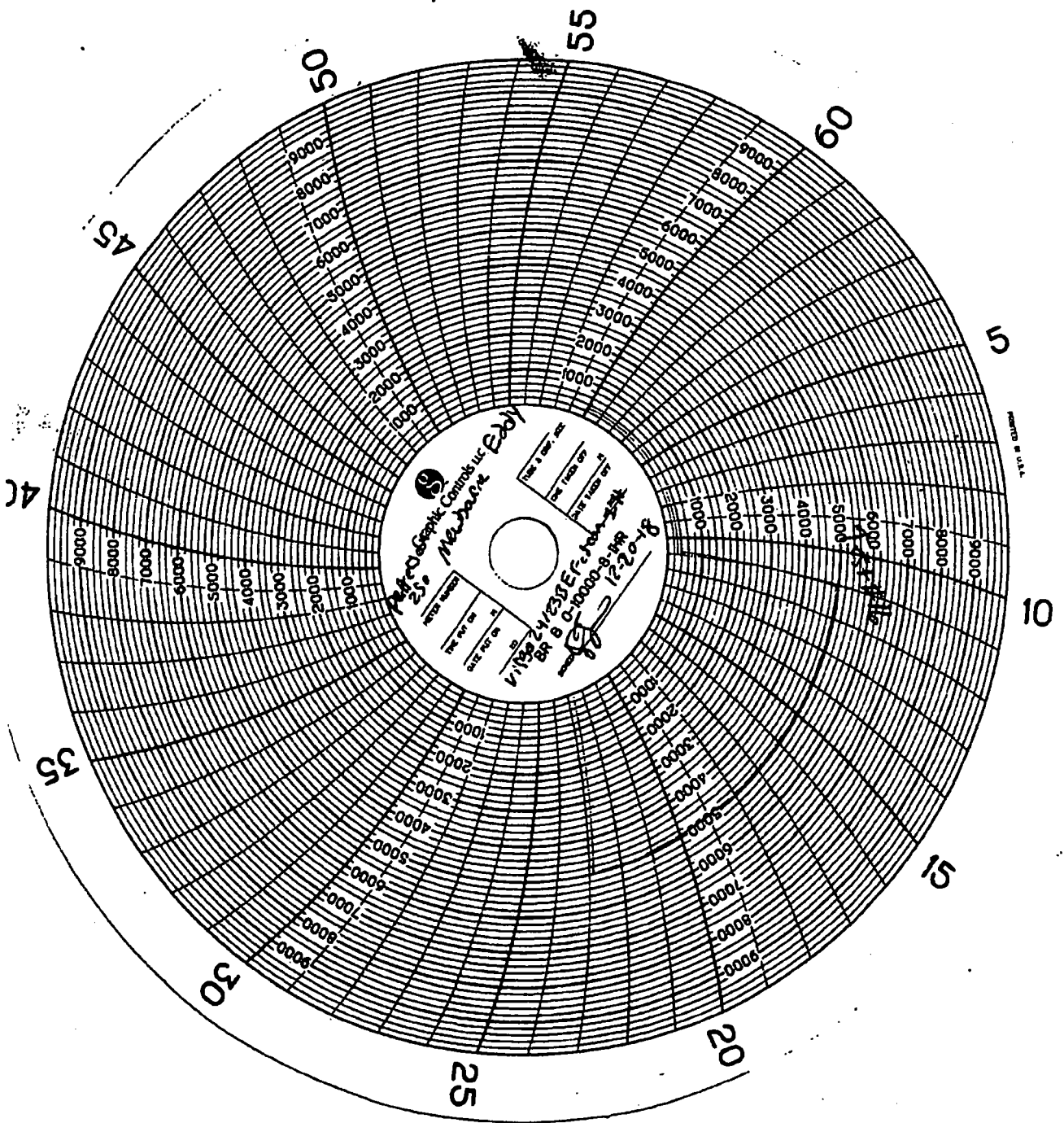














MAN
WELDING SERVICES

WELDING • BOP TESTING
NIPPLE UP SERVICE • BOP LIFTS • TANDEM
MUD AND GAS SEPARATORS
Lovington, NM • 575-398-4540

Pg. _____ of _____

Company: Mechanics Date: 12-18 Invoice # _____

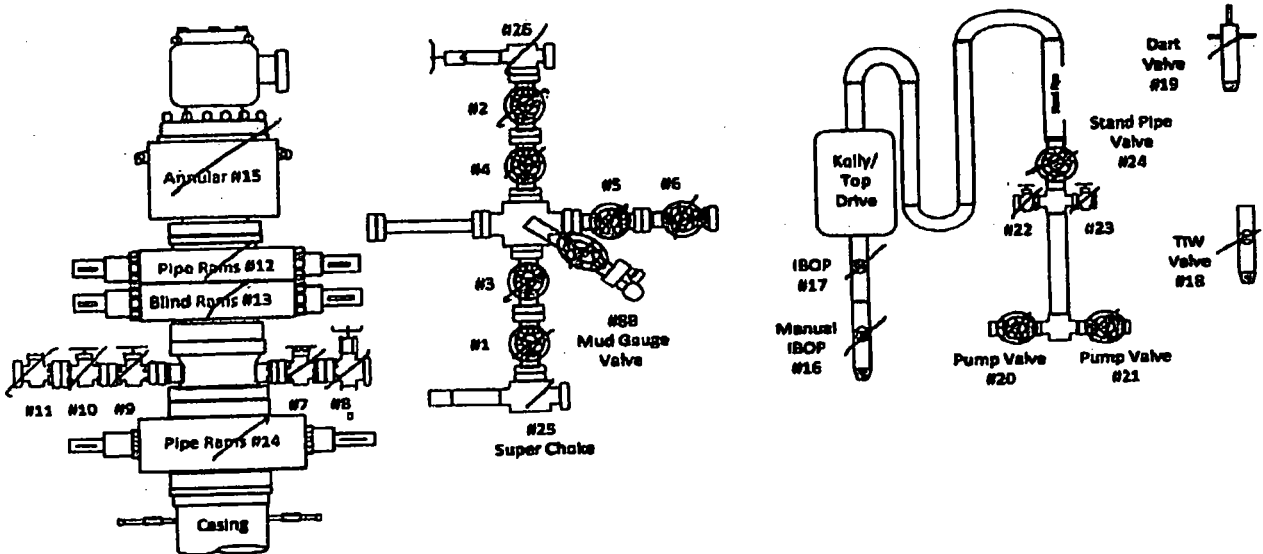
Lease: Virgo 2423 B2H E Fed com 14 Drilling Contractor: Patterson Rig # 250

Plug Size & Type: 12" Drill Pipe Size: XT39 Tester: Jose Will

Required BOP: _____ Installed BOP: _____

Appropriate Casing Valve Must Be Open During BOP Test

* Check Valve Must Be Open/Disabled To Test Kill Line Valves *



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	Truck test	10	250	SK	PASS
2	26, 25, 6, 8	Bump	-	SK	PASS
3	26, 18	10	250	SK	PASS
4	45, 3, 8	10	250	SK	PASS
5	18	10	250	SK	PASS
6	19	10	250	SK	PASS
7	14	10	250	SK	PASS
8	12, 9, 8	10	250	SK	PASS
9	12, 10, 7	10	250	SK	PASS
10	12, 11, 7	10	250	SK	PASS
11	15, 11, 7	10	250	3500	PASS
12	20, 21, 22, 23, 24	10	250	SK	PASS
13	16	10	250	SK	PASS
14	17	10	250	SK	PASS
15	13, 11, 3, 4, 5	10	250	SK	PASS
16	12, 11, 7 VBA	10	250	SK	PASS

MAN WELDING SERVICES, INC

Company Newhouse Date 12-2018
Lease Ningo 2423BE Falcon County Eddy
Drilling Contractor Patterson 250 Plug & Drill Pipe Size 2" XT39
Accumulator Pressure: 3000 Manifold Pressure: 1500 Annular Pressure: 1500

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 1100 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 1000 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 58 sec. 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}