

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
NMNM112268

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
ARCHDUKE 19 W2AP FED 1H

9. API Well No.
30-015-44462

10. Field and Pool or Exploratory Area
BLACK RIVER WOLFCAMP

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MEWBOURNE OIL COMPANY
Contact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com

3a. Address
PO BOX 5270
HOBBS, NM 88241

3b. Phone No. (include area code)
Ph: 575-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T24S R27E Mer NMP NENE 50FNL 330FEL

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 recomplete 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 recompletion 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.

11/20/2017...MI & spud 17 1/2" hole. TD'd hole @ 482'.
Ran 467' of 13 3/8" 54.5# J55 ST&C csg.
Cemented with 500 sks Class C w/2% CaCl2. Mixed @ 14.8 #/g w/1.34 yd.
Plug down @ 2:00 P.M. 11/21/17. Displace w/67 bbl FW.
Circ 200 sks of cmt to the pit.
Tested BOPE to 5000# & Annular to 3500#.
Tested standpipe & mud lines to the pumps to 5000#.
At 3:30 A.M. 11/23/17, tested casing to 1500# for 30 minutes, held OK.
Drilled out with 12 1/4" bit.
FIT test to EMW of 10.5 PPG.

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 18 2018

RECEIVED

Chart & Schematic attached.

JC 4-18-18
Accepted for record - NMOCD

[Handwritten signature]

ACCEPTED FOR RECORD

APR 5 2018

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Electronic Submission #400967 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 01/17/2018 ()

Name (Printed/Typed) JACKIE LATHAN Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 01/16/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____

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.

(Instructions on page 2) **** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #400967 that would not fit on the form

32. Additional remarks, continued

Bond on file: NM1693 nationwide & NMB000919

MAN WELDING SERVICES, INC

Company W. Brown Date 11/22/17

Lease 11/22/17 County 2/2/17

Drilling Contractor W. Brown Plug & Drill Pipe Size 4 1/2"

Accumulator Pressure: 3000 Manifold Pressure: 1500 Annular Pressure: 0

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** 1600 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** 700 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** 2 minutes. **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}



MAN WELDING SERVICES

WELDING • BOP TESTING
 NIPPLE UP SERVICE • BOP LIFTS • TANDEM
 MUD AND GAS SEPARATORS
 Lovington, NM • 575-396-4540

Pg. _____ of _____

Company: Meridian Oil Date: 11-22-2017 Invoice #: 387903

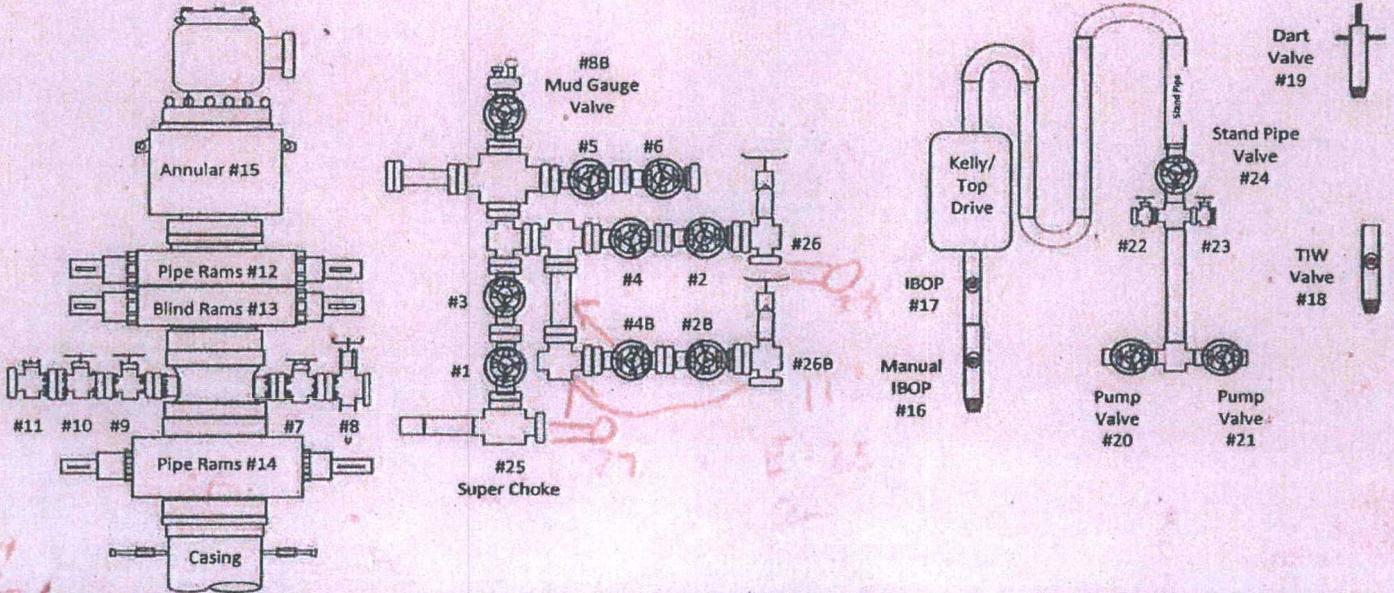
Lease: Arch Duke 19 WZAP Ind. 14 Drilling Contractor: PHH Rig #: 245

Plug Size & Type: _____ Drill Pipe Size: 11 3/8 9' 11 3/8 Tester: Tom [unclear]

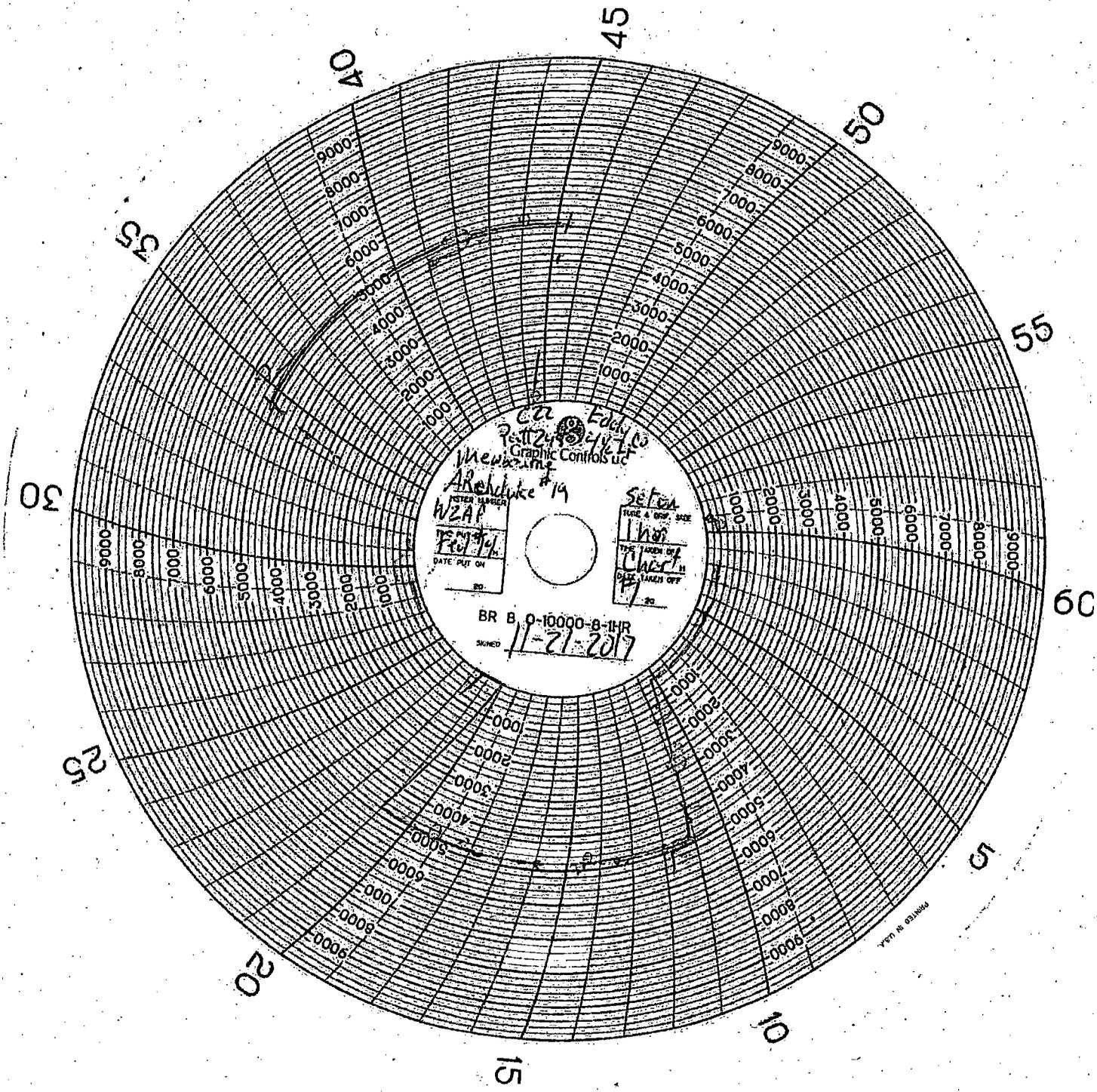
Required BOP: 5M Installed BOP: 5M

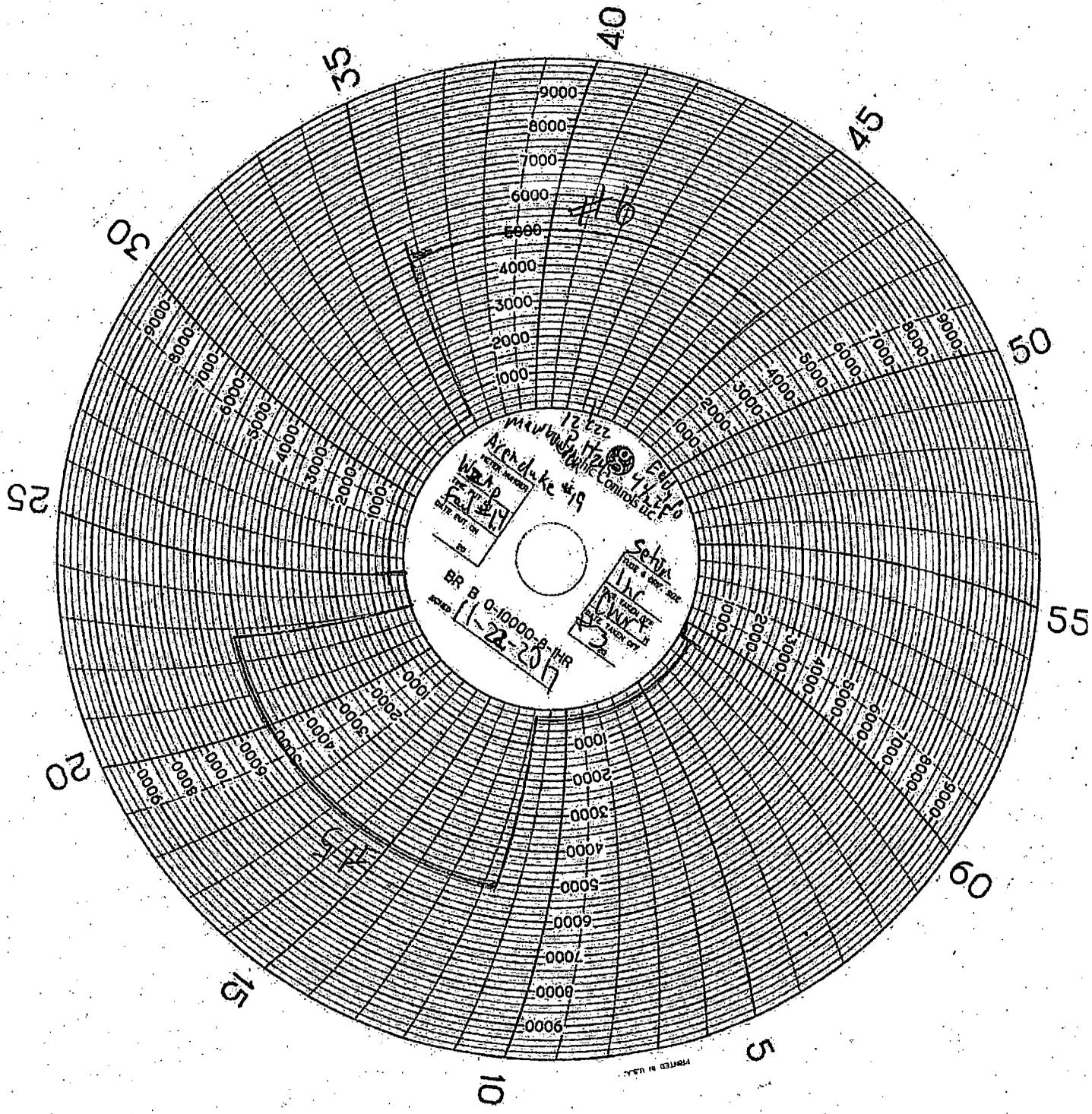
Appropriate Casing Valve Must Be Open During BOP Test

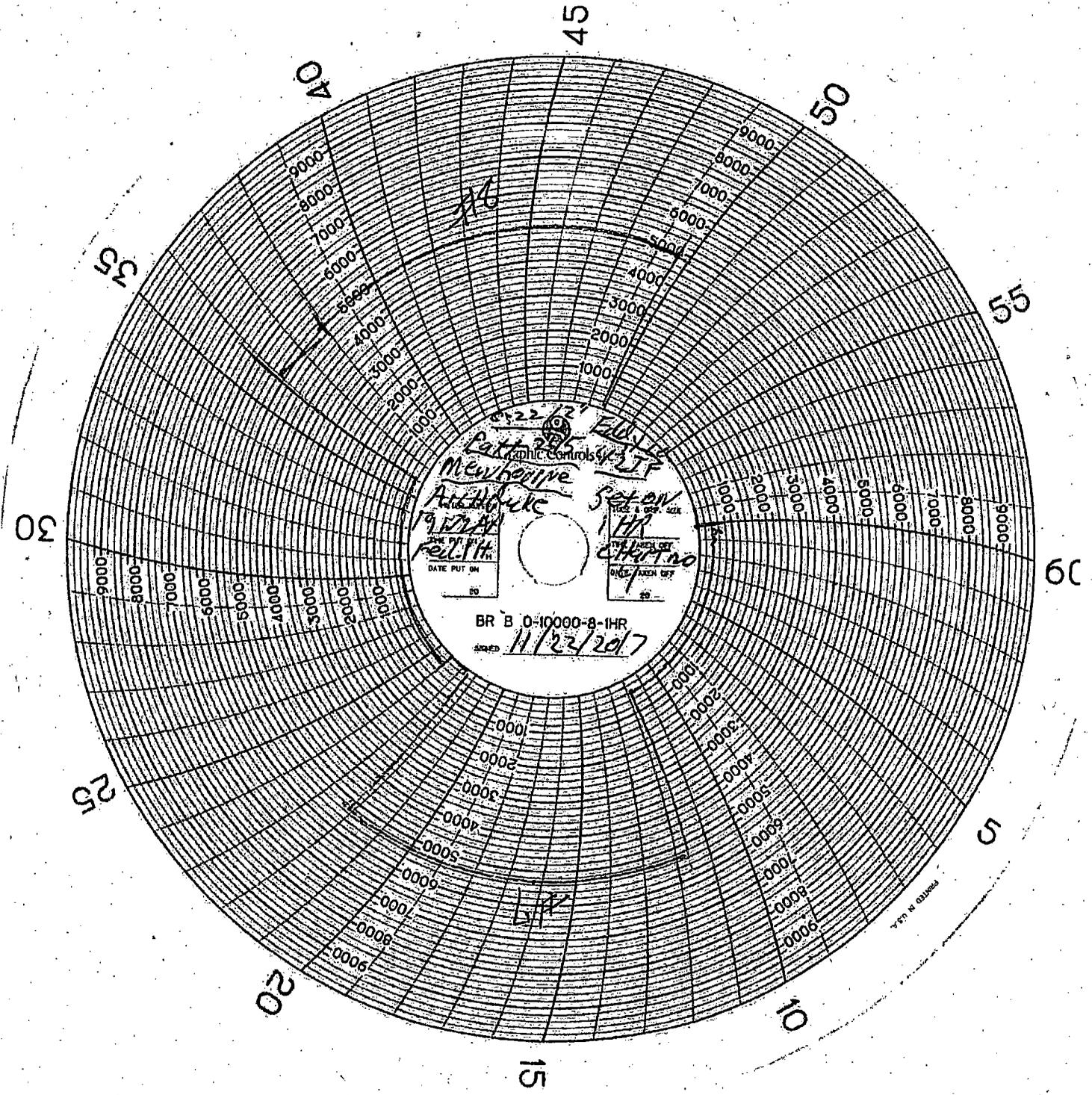
Check Valve Must Be Open/Disabled To Test Kill Line Valves

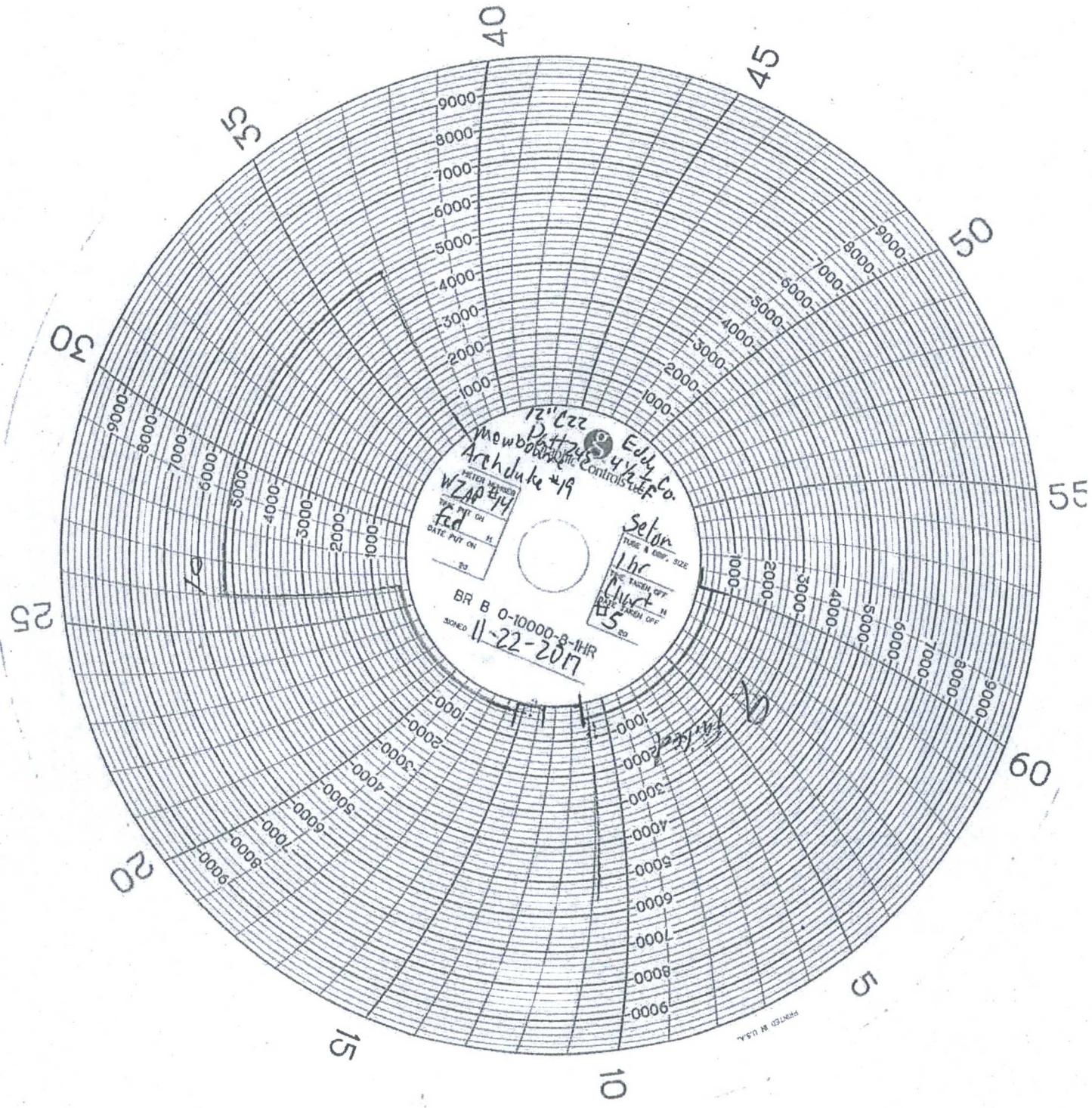


TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	Truck	14/10	250	5000	OK
2	6, 27, 28, 28A, 7	10/10	250	500	OK
3	7, 25, 26, 28A, 6	11/10	250	5000	OK
4	1, 2, 4, 6, 7	11/10	250	5000	OK
5	Truck & [unclear]	14/10	250	5000	OK
6	12, 10, 3, 4, 28, 17	10/10	250	5000	OK
7	12, 11, 3, 4, 28, 17	11/10	250	5000	OK
8	15, 9, 7, 23, 22, 20, 19	10/10	250	5000	OK
9	12, 9, 7, 23, 22, 20, 19	10/10	250	5000	OK
10	12, 9, 7, 23, 22, 20, 19	10/10	250	5000	OK
11	14, 24	10/10	250	5000	OK
12	15, 10, 3, 19	11/10	250	3500	OK
13	19, 2, 19	10/10	250	5000	OK
14	13, 11, 3, 4, 5, 4B	10/10	250	5000	OK
15	19, 4"	10/10	250	5000	OK
16	19, 4"	10/10	250	5000	OK
17	12, 11, 4	11/10	250	5000	OK
18	11, 4, 8	10/10	250	3500	OK



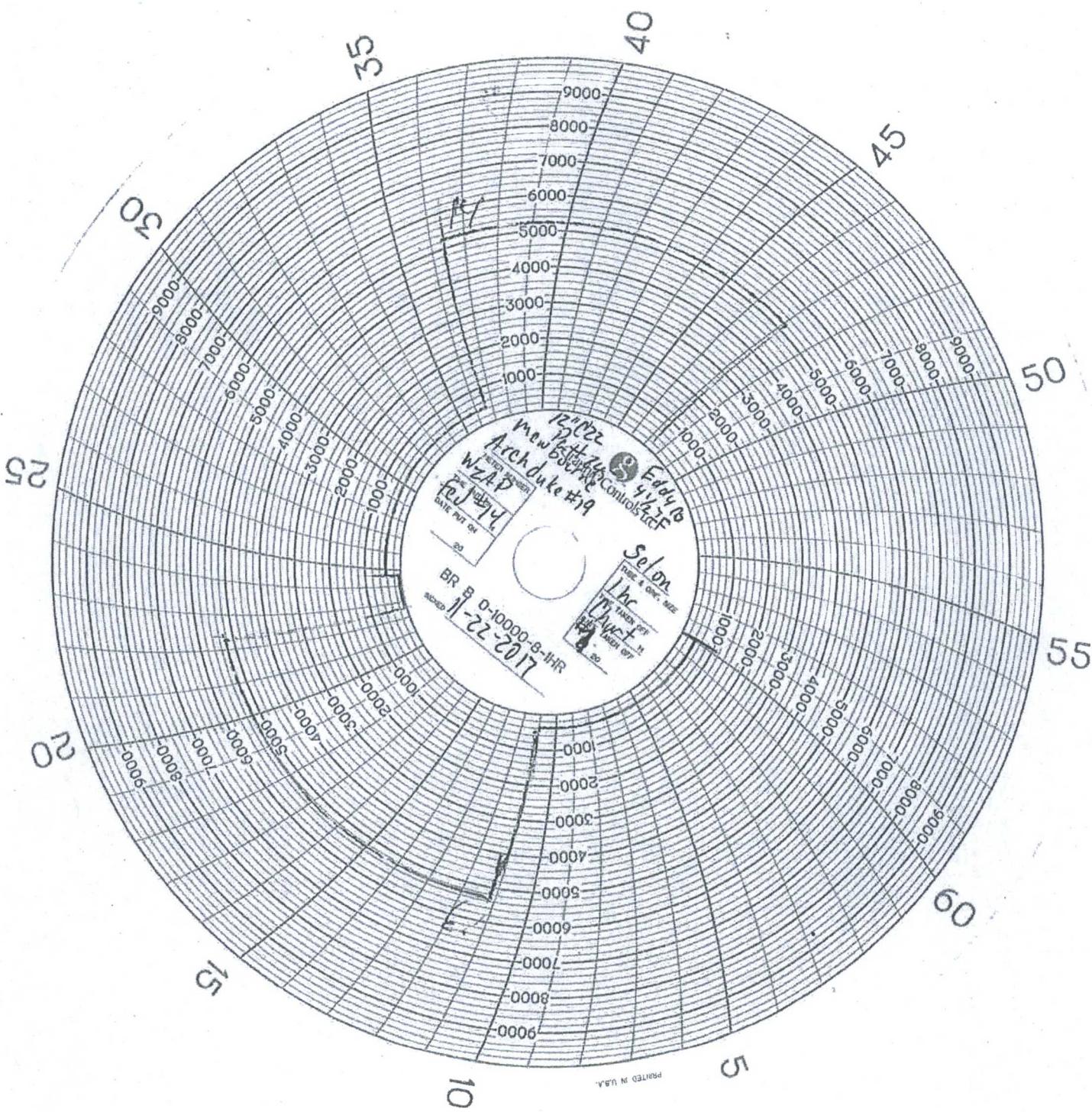






12'022
 Mowbray Controls
 Eddy Co.
 Arch Duke #19
 Seton
 1hr
 11-22-2017
 BR B 0-10000-B-1HR

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