

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

APD Artesia

5. Lease Serial No.
NMNM27277

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
LEO 15 B2DN FED COM 1H

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

9. API Well No.
30-015-43312-00-X1

3a. Address
P O BOX 5270
HOBBS, NM 88241

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

10. Field and Pool, or Exploratory
LOCO HILLS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 15 T18S R30E NWNW 630FNL 370FWL

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 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 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.)

9/13/2015 TD 12 1/4" hole. Ran 1558' of 9 5/8" 36# J55 LT&C Csg. Cemented with 450 sks Class C w/ additives. Mixed @ 13.5#/g w/1.74 yd. Tail w/ 200 sks Class C w/2% CaCl2. Mixed @ 14.8#/g w/1.34 yd. Plug down @ 10:30 p.m. 9/13/2015. Circ 147 sks of cmt to the pit. WOC. Tested csg spool pack-off to 1500#. NU & test BOPE to 3000# & Annular to 1500#. At 8:15 a.m. 9/15/15, tested csg to 1500# for 30 min, held OK. Drilled out w/ 8 3/4" bit.

UPD 10/14/15
Accepted for record
NMOOD

Charts and schematic attached.
Pump rate chart attached.

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 13 2015

Bond on file: NM1693 nationwide & NMB000919

ACCEPTED FOR RECORD
OCT 6 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

RECEIVED
Electronic Submission #317523 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by ED FERNANDEZ on 10/06/2015 (16E00038E)

Name (Printed/Typed) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/23/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

EDWARD FERNANDEZ
Title PETROLEUM ENGINEER

Date 10/06/2015

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 Carlsbad

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.

MAN WELDING SERVICES, INC

Company NewBourne Date 9-14-15

Lease Lea 15 B2DN Fed.com. 14 County Eddy N.M.

Drilling Contractor Patterson Plug & Drill Pipe Size 11" caa 4 1/2 XH

Accumulator Pressure: 3000 Manifold Pressure: 1500 Annular Pressure: 1100

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 1400 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 1:48. 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

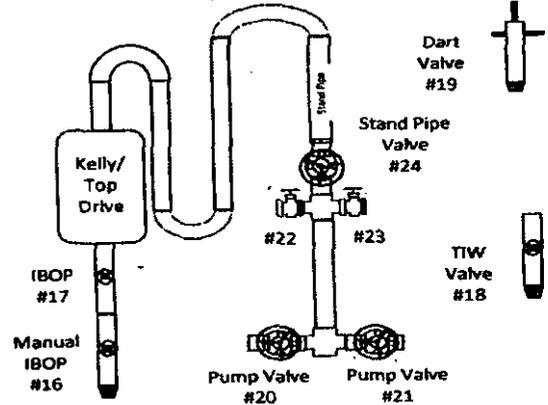
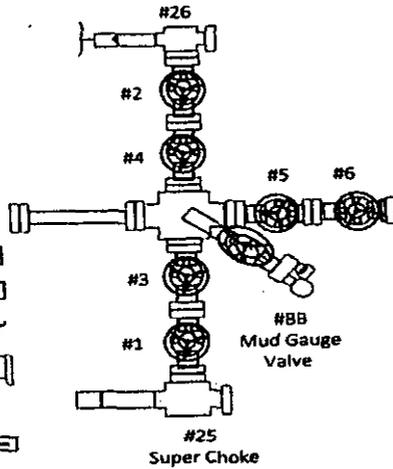
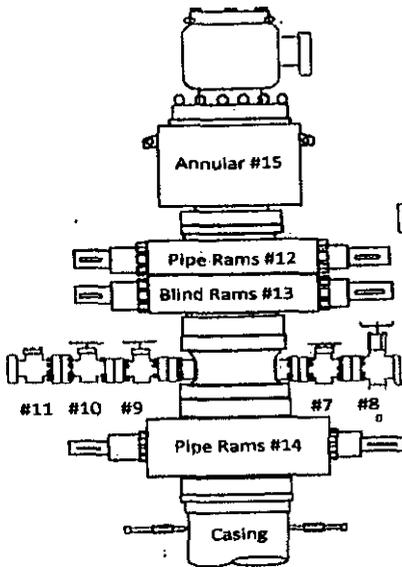
WELDING • BOP TESTING
 NIPPLE UP SERVICE • BOP LIFTS • TANDEM
 MUD AND GAS SEPARATORS
 Lovington, NM • 575-396-4540

Pg. 1 of 2

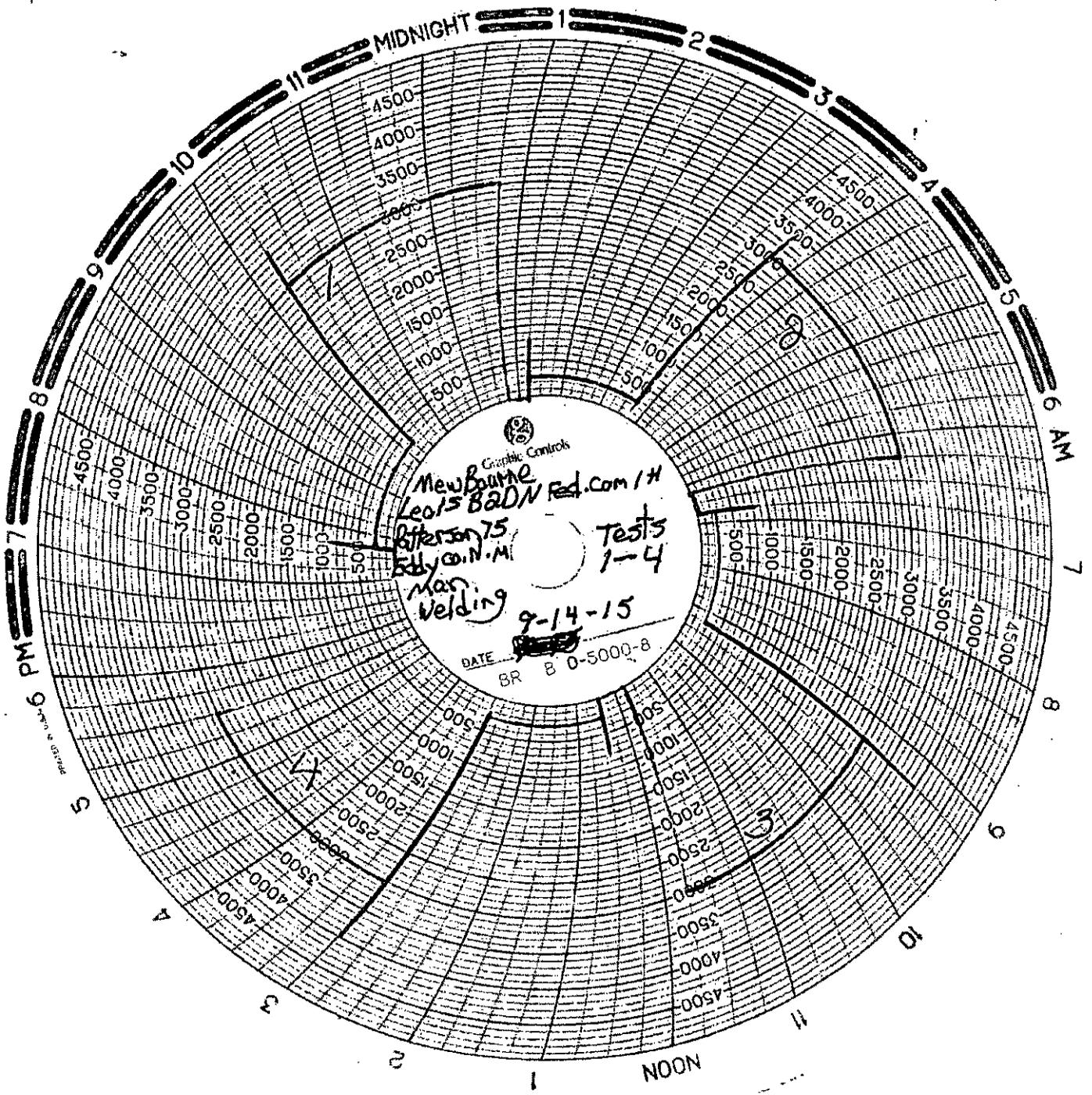
Company: Newbourne Date: 9-14-15 Invoice # B 72410
 Lease: Leo 15 BAPN Fed. com. 1H Drilling Contractor: Batterson Rig # 25
 Plug Size & Type: 11" C22 Drill Pipe Size: 4 1/2 XH Tester: Daniel Wakeford
 Required BOP: 3000 Installed BOP: 5000

*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	10	250	3000	<p style="font-size: 2em; text-align: center;">PASS</p>
2	20, 21, 22, 23	10	250	3000	
3	24	10	250	3000	
4	17	10	250	3000	
5	16	10	250	3000	
6	13, 7	10	250	3000	
7	15, 9, 8	10	250	2000	
8	12, 9, 8, 18	10	250	3000	
9	12, 10, 3, 4, 5, 8, 19	10	250	3000	
10	12, 11, 1, 2, 6	10	250	3000	
11	12, 11, 25, 26, 16	Pump test		3000	



Graphic Controls

Newbourne
Levi's BADN Fed.com 14
Peterson 75
Edly CO. N.M.
Man Welding

Tests
1-4

9-14-15

DATE
BR 8 0-5000-8

11:00 PM

NOON

6 AM

6 PM

7

8

9

10

11

1

2

3

4

5

6

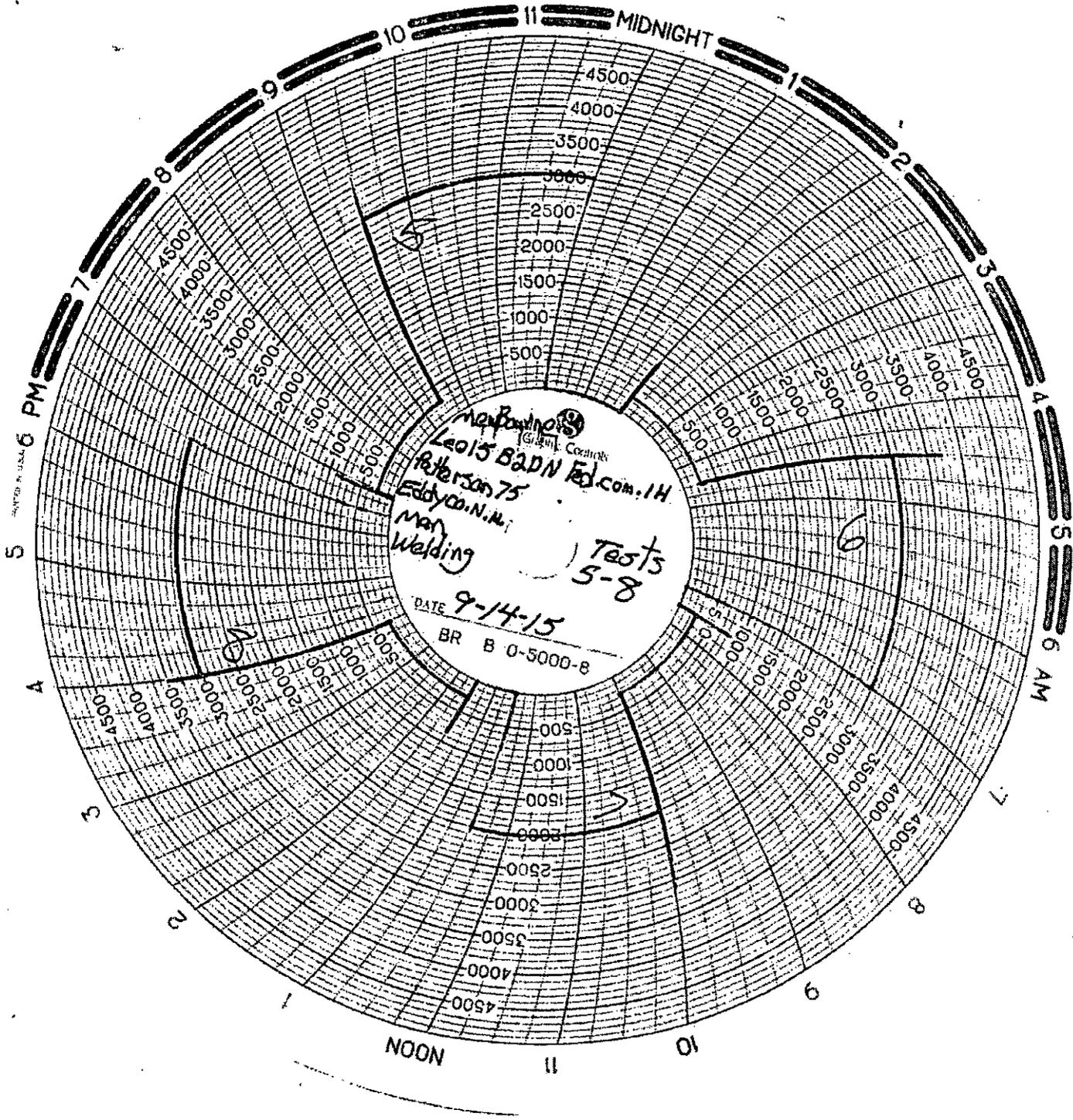
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8

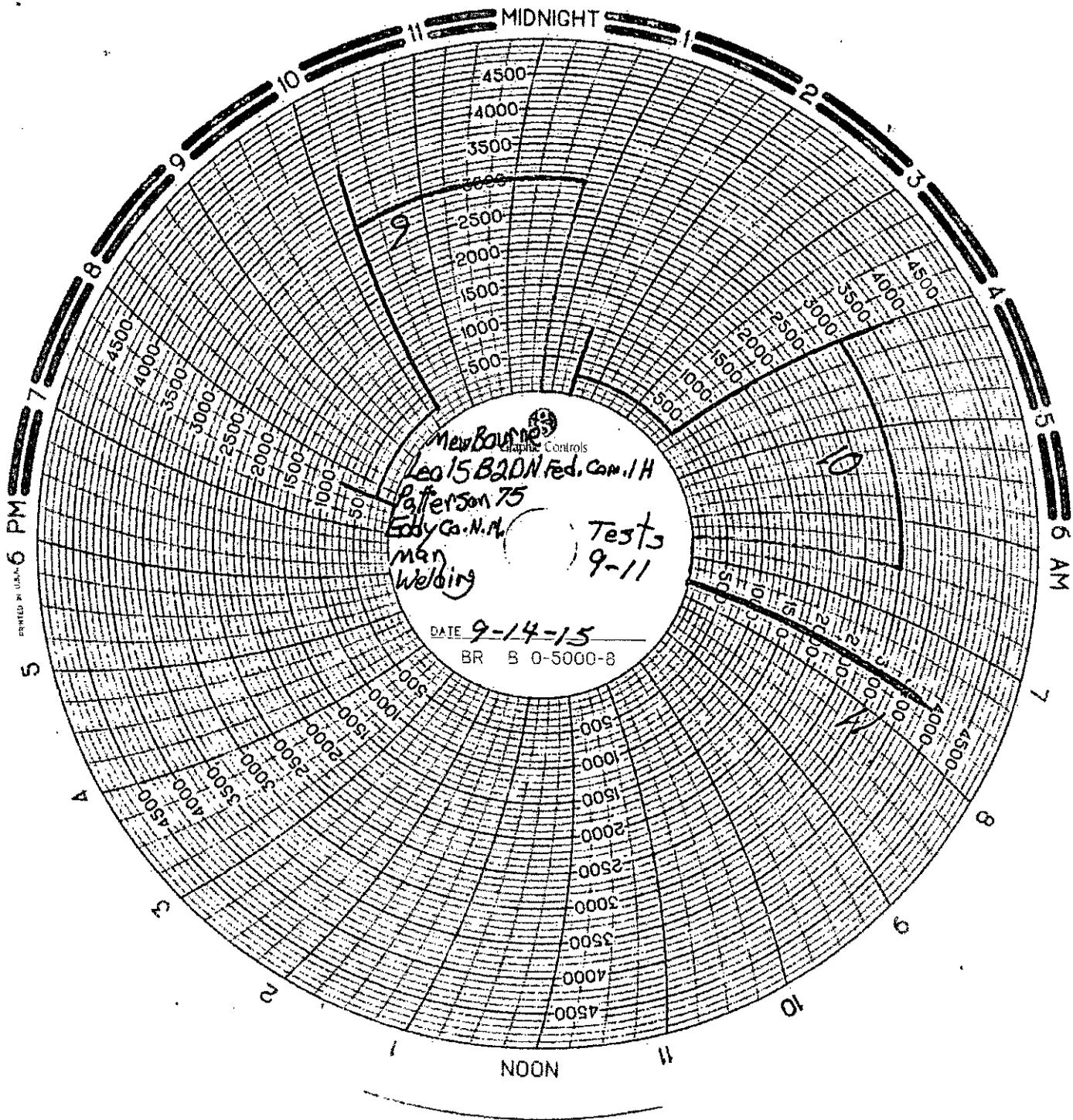
9

10

11



new **Raytheon** (Gen. Controls)
Leois B&DN Ed.com. IH
Peterson 75
Eddy Co. N.H.
Man Welding
Tests 5-8
DATE 9-14-15
BR B 0-5000-8



New Bournne Controls

Leo 15 B2DN Fed. Cam. 1 H
Patterson 75
Eddy Co. N.M.
man
Welding

Tests
9-11

DATE 9-14-15
BR S 0-5000-8

PRINTED IN U.S.A.

MIDNIGHT

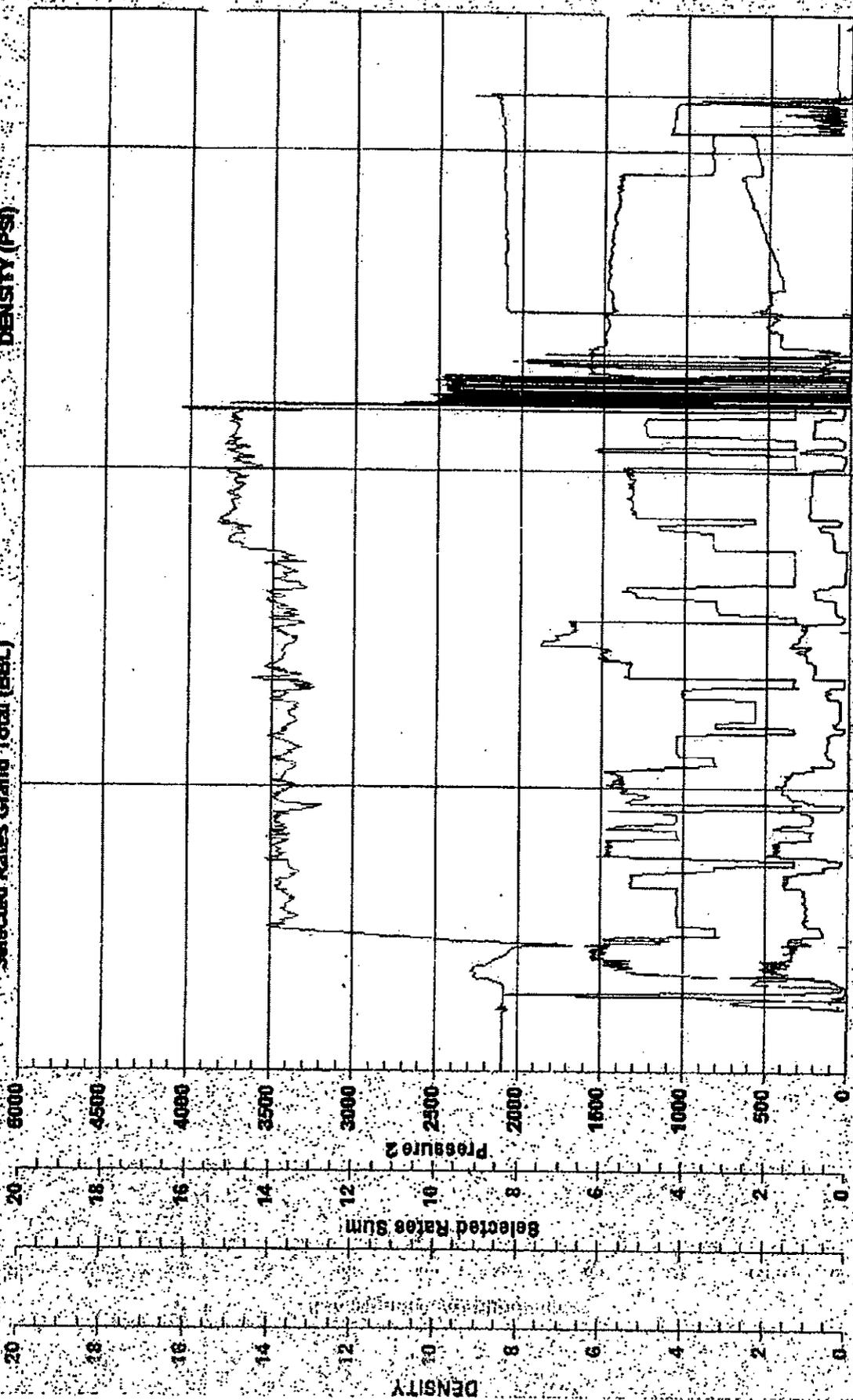
6 AM

NOON

MEWBOURNE_LEO_15_B2DN_FED_COM_PUMP_2019

Pressure 2 (PSI)
Selected Rates Sum (BPM)
Density (PSI)

Selected Rates Grand Total (BBL)



21:30 22:00 22:30
Time
13 Sep 2015