

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

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.*

Hobbs

Lease Serial No.  
NMNM02965A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

HOBBS OCD

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

1. Type of Well

Oil Well  Gas Well  Other

JAN 16 2018

8. Well Name and No.  
EL MAR 21 W1CN FED COM 3H

2. Name of Operator  
MEWBOURNE OIL COMPANY

Contact: JACKIE LATHAN  
E-Mail: jlathan@mewbourne.com

9. API Well No.  
30-025-43072

3a. Address  
PO BOX 5270  
HOBBS, NM 88241

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

10. Field and Pool or Exploratory Area  
WOLFCAMP 84410

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

Sec 21 T26S R33E Mer NMP NENW 190FNL 1350FWL

11. County or Parish, State

LEA COUNTY, NM

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.

11/13/17...Spud 17 1/2" hole. TD'd hole @ 955'. Ran 942' of 13 3/8" 54.5# J55 ST&C csg. Cemented with 575 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 @ 12:15 A.M. 11/15/17. Circ 316 sks cement to pit. Tested BOPE to 10000# & Annular to 3500#. Tested standpipe & mud lines to the pumps to 5000#. At 11:45 A.M. 11/16/17, tested csg to 1500# for 30 minutes, held OK. Drilled out with 12 1/4" bit. FIT test to EMW of 10.6 PPG.

Chart & Schematic attached

Bond on file: NM1693 nationwide & NMB000919

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

Electronic Submission #397778 verified by the BLM Well Information System  
For MEWBOURNE OIL COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/20/2017

Name (Printed/Typed) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 12/12/2017

JAN 4 2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Date

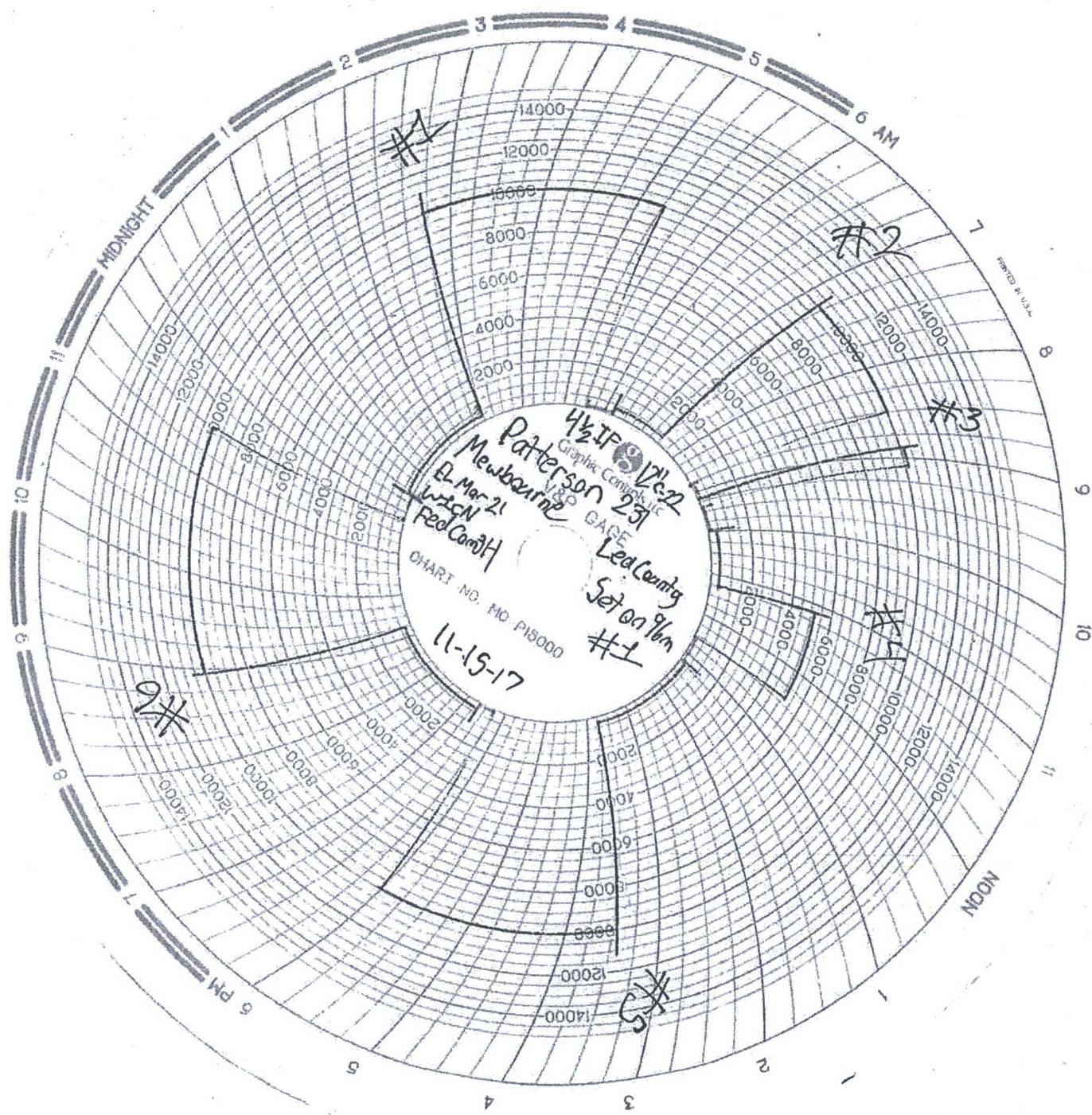
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 \*\***



4 1/2 IF 12-22  
Patterson 231  
Graphic Controls, Inc.  
Newbourne  
El Mar 21  
WTCN  
Fed Com H  
GAGE  
Lead County  
Set on 10m  
#1  
CHART NO. MC P15000  
11-15-17

PRINTED IN U.S.A.

MIDNIGHT

6 AM

7

8

9

10

11

NOON

6 PM

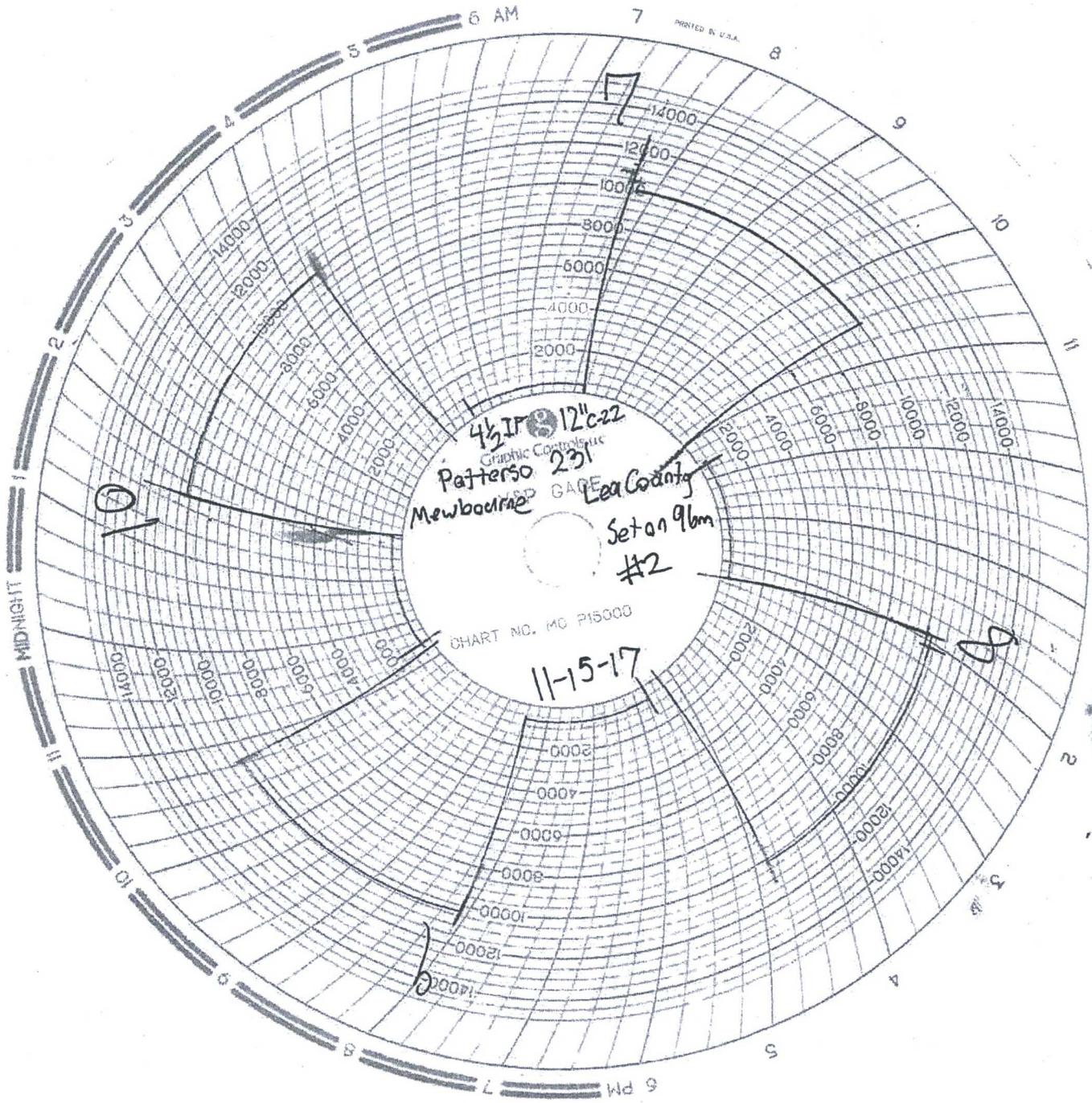
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PRINTED IN U.S.A.

6 AM

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NOON

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MIDNIGHT

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CHART NO. 140 P15000

11-15-17

4 1/2 IP 12c-22  
Graphic Controller  
Patterson 231  
Mewbourne GAGE  
Lea County  
Set on 96m  
#2

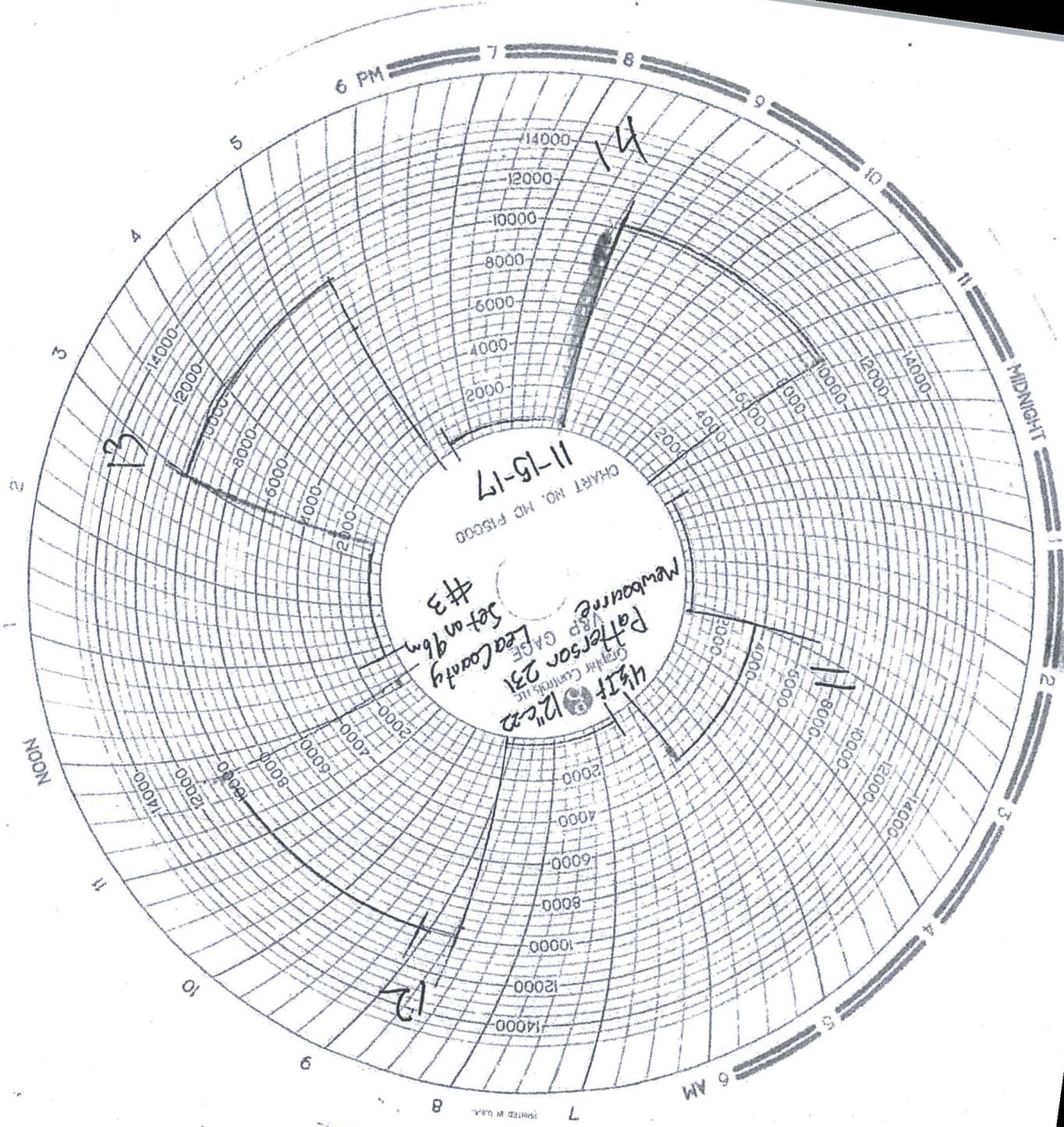
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11-15-17  
CHART NO. MD P15300

WIT 12-22  
Patterson 231  
Graphic Controls, Inc.  
VPS GAGE  
Lead County  
Set on 96m  
#3  
Newbarr

13

12

PRINTED IN U.S.A.

# MAN WELDING SERVICES, INC

Company Mawbourne Date 11-15-17  
Lease EL MAR 21 WICN Fed Con 3H County Lea NM  
Drilling Contractor Patterson 231 Plug & Drill Pipe Size 4 1/2 IF  
Accumulator Pressure: 3000 Manifold Pressure: 1500 Annular Pressure: 1000

## 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 1500 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, 0.00 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 1:21. 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

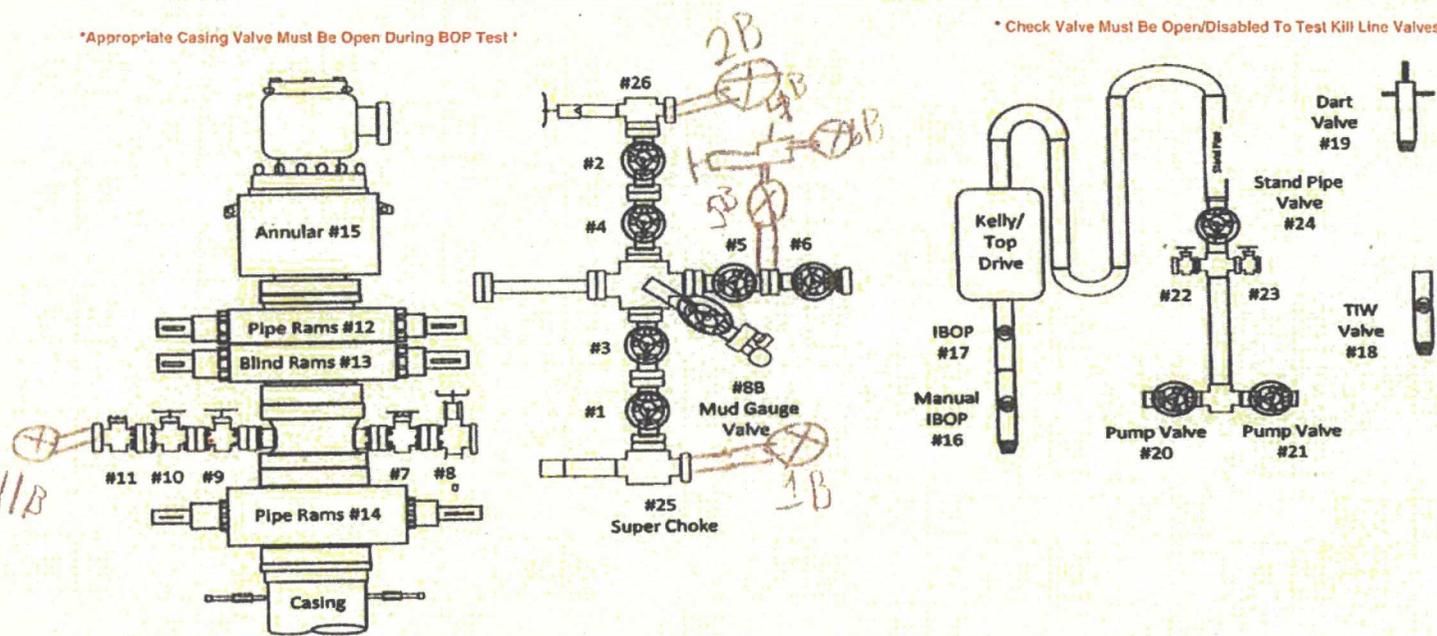
WELDING • BOP TESTING  
 NIPPLE UP SERVICE • BOP LIFTS • TANDEM  
 MUD AND GAS SEPARATORS  
 Lovington, NM • 575-396-4540

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

Company: Mearbourne Date: 11-15-17 Invoice # \_\_\_\_\_  
 Lease: ELMAR 21 WICN FedCon 311 Drilling Contractor: Patterson Rig # 231  
 Plug Size & Type: \_\_\_\_\_ Drill Pipe Size 4 1/2 IF Tester: Dillon Reynolds  
 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	10-10	250	10,000	Pass
2	2B, 6B, 6, 1B, 7	5-5	250	10,000	Pass
3	25, 26, 4B, 7	Bump	—	10,000	Pass
4	20, 21, 22, 23	5-5	250	5,000	Pass
5	17	10-10	250	10,000	Pass
6	16	10-10	750	10,000	Pass
7	18, 11B, 5B, 6, 8B, 1, 2, 2	10-10	250	10,000	Pass
8	19, 10, 8, 12	10-10	250	10,000	Pass
9	19, 9, 7, 12	10-10	250	10,000	Pass
10	14, 19	10-10	250	10,000	Pass
11	15, 9, 7, 19	10-10	250	3,500	Pass
12	Dart CET-39	10-10	250	10,000	Pass
13	TIU CET-39	10-10	250	10,000	Pass
14	13, 11, 3, 4, 5	10-10	250	10,000	Pass