

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

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
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Mewbourne Oil Company 14744

3a. Address
PO Box 5270 Hobbs, NM 88241

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

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
2054' FNL & 201' FWL, Sec 20-T18S-R30E Unit Letter E (Surface)

5. Lease Serial No.
NM-27279 & NM-19440
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No.
Aries 20 Fed Com #2H
9. API Well No.
30-015-38392
10. Field and Pool, or Exploratory Area
Sand Tank Bone Spring
11. County or Parish, State
Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other Spud & Casing
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

3. 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 recompleat 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.)

01/10/11...MI & spud 17 1/2" hole. TD hole at 325'. Ran 327' 13 3/8" 48# H40 ST&C csg. Cemented with 400 sks Class C with additives. Mixed @ 14.8 #/g w/ 1.34 yd. Plug down @ 12:01 am 01/11/11. Circ 83 sks to pit. At 1:00 pm on 01/12/11, tested BOPE casing to 1250# for 30 mins, held OK. Chart & schematic attached. Drilled out with 12 1/4" bit.

01/15/11. TD'ed 12 1/4" hole @ 1530'. Ran 1530' 9 5/8" 36# J55 LT&C Csg. Cemented with 300 sks BJ Lite Class C (35:65:4) w/additives. Mixed @ 12.5# /g w/ 2.16 yd. Tail w/200 Class C w/2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Plug down @ 1:45 am 01/15/11. Circ 81 sks cement to pit. WOC 18 hrs. Set wellhead slips w/35k. Tested csg spool pack-off to 2500#. 01/16/11 tested BOPE to 3000# & tested annular to 1500#. Chart & schematic attached. Drilled out with 8 3/4" bit.

Accepted for record - NMOCED

RECEIVED

JAN 28 2011

NMOCED ARTESIA

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

Jackie Lathan

Date 01/18/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name
(Printed/Typed)

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

JAN 22 2011

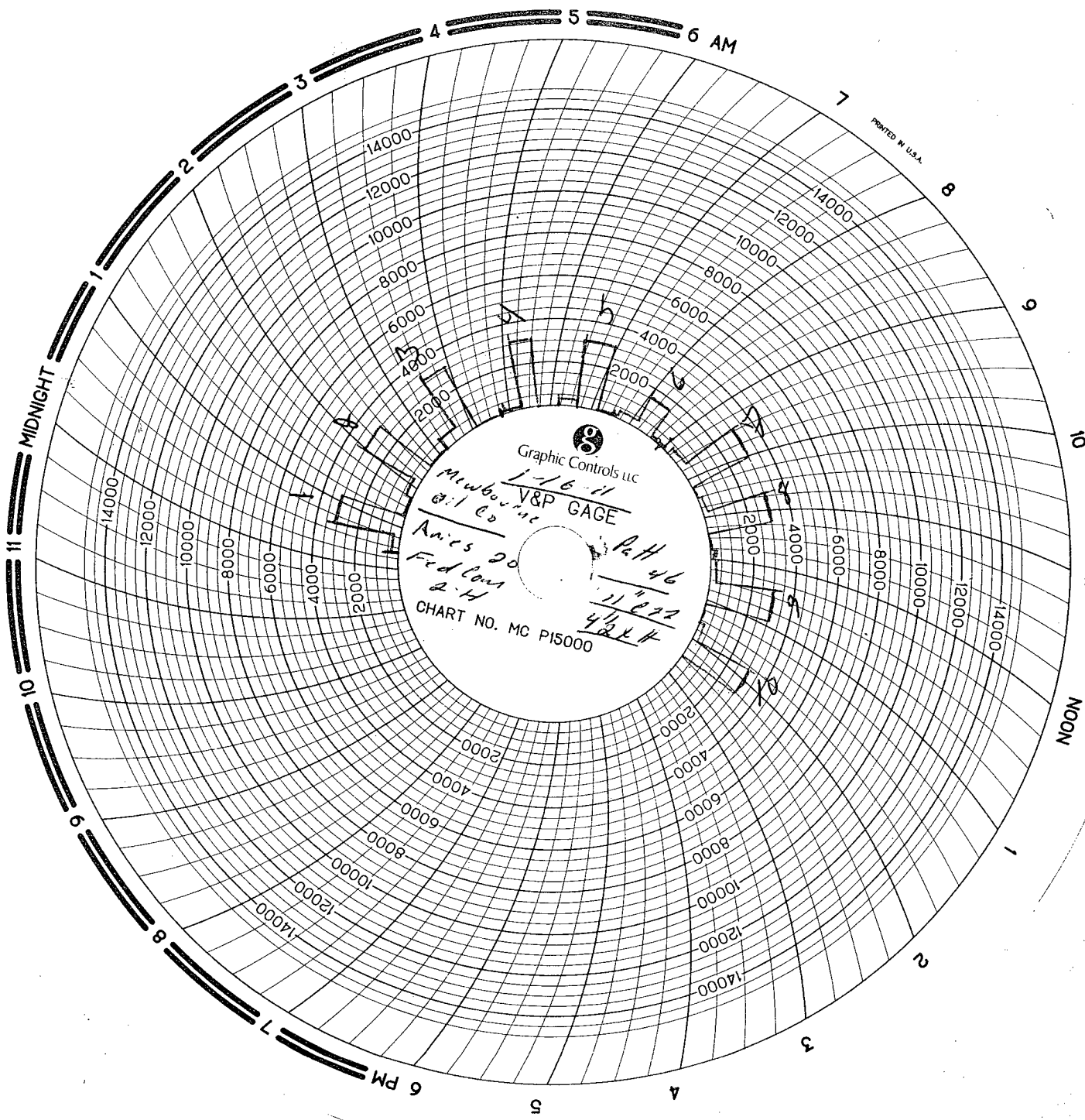
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(Continued on next page)

112

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Graphic Controls Inc

1-16-11
V&P GAGE

Mewbourne
Oil Co
Ries 20
Fed Cons
2-14

CHART NO. MC P15000



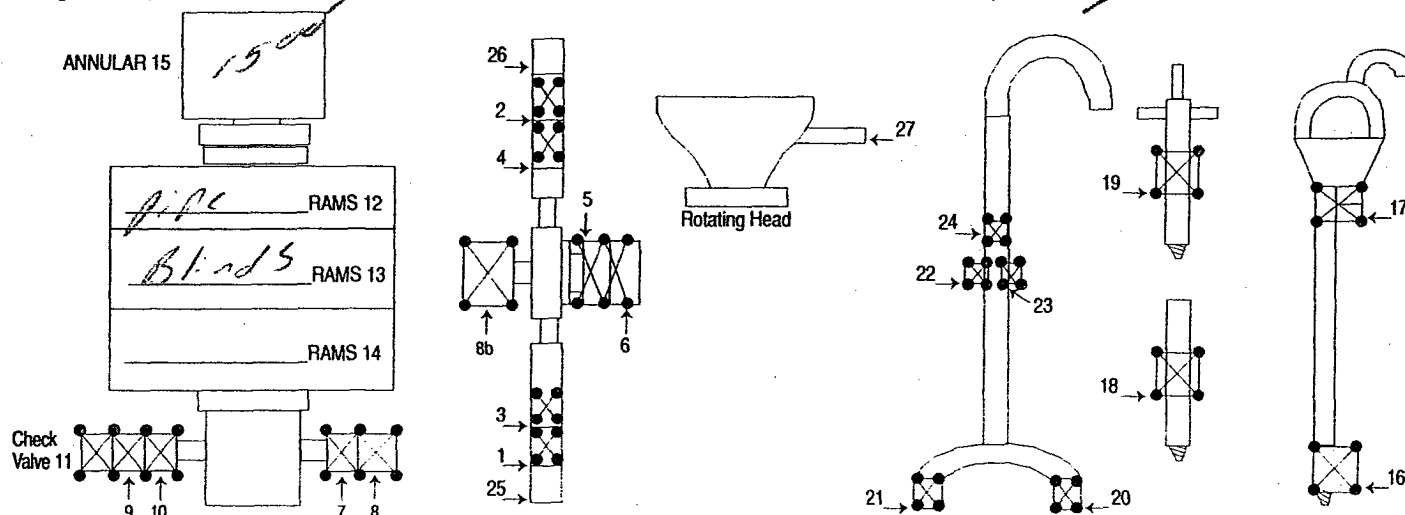
Path 46
21222
4224



INVOICE

R 12014

Company Newbourne O.I. Co. Date 1-16-11 Start Time 12:30 ☒ am ☐ pm
Lease Aries 20 Fed Com 2-H County Eddy State N.M.
Company Man _____
Wellhead Vendor _____ Tester Sal Morales
Drig. Contractor Patterson Rig # 46
Tool Pusher _____
Plug Type CD2 Plug Size 11" Drill Pipe Size 4 1/2 x 11
Casing Valve Opened 11:55 Check Valve Open 11:55



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	25, 26, 69, 13	10/10	250	3000	
2	12, 5, 19, 13				
3	34, 5, 11, 13				
4	8, 11, 12				
5	7, 11, 12				
6	7, 11, 15			1500	
7	18			3000	
8	19				
9	16				
10	17				

D. L. Brown

8 HR@ 1150

HR@

Mileage 120 @ 1 = 3-120

MASTER PRINTERS 575.396.3661

SUB TOTAL 11370.

TAX 75 33

TOTAL 1445.33

MAN WELDING SERVICES, INC

Company Manhewice Oil Date 2-16-11

Lease Acres 20 Fred Conn #24 County Eddy

Drilling Contractor Robinson 46 Plug & Drill Pipe Size 11" 102 1/2 x 11

Accumulator Function Test - OO&GO#2

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

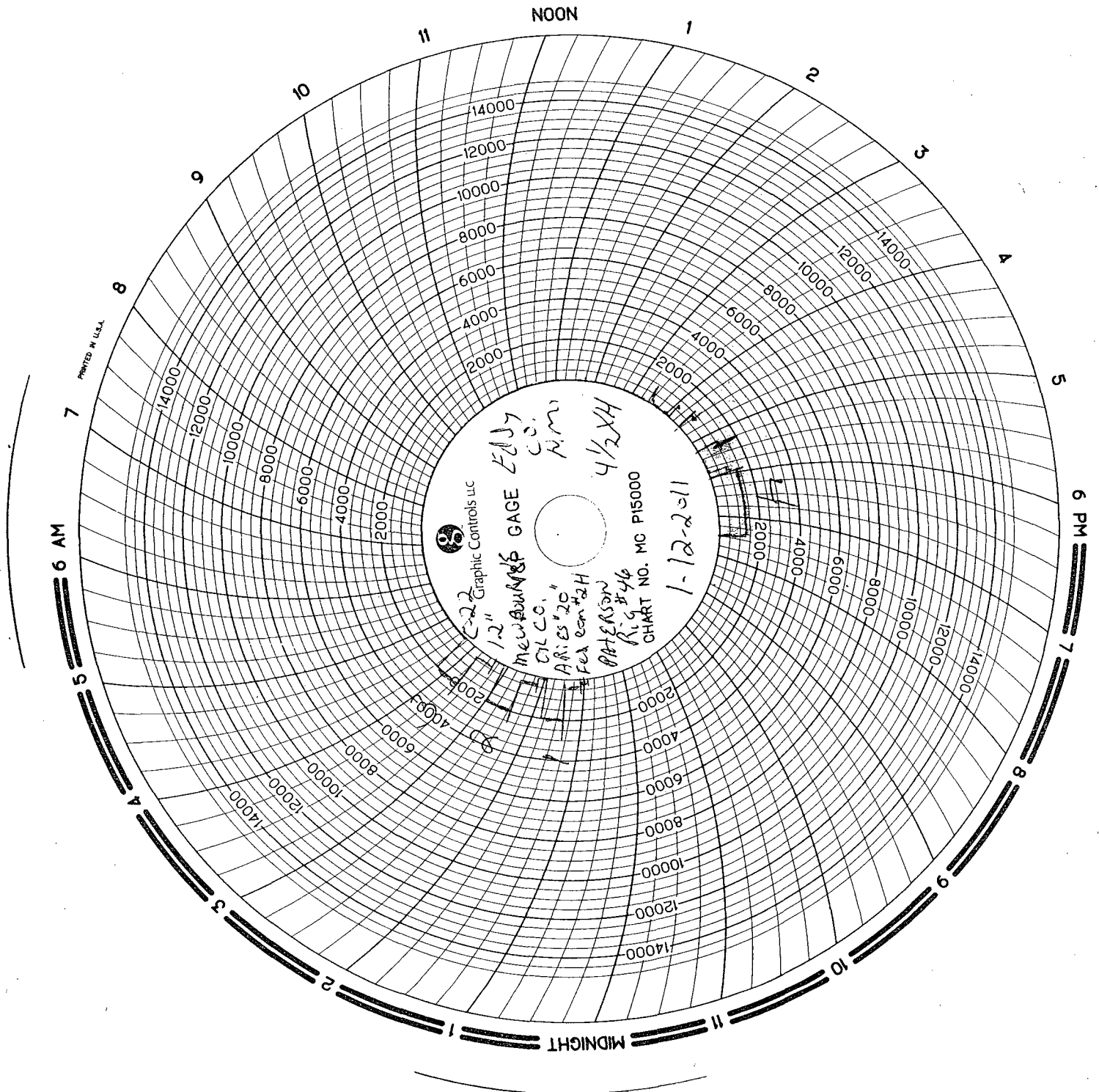
- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! **(Shut off all pumps)**
 1. Open HCR Valve. (If applicable)
 2. Close annular.
 3. Close **all** pipe rams.
 4. Open one set of the pipe rams to simulate closing the blind ram.
 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
 6. **Record remaining pressure 1280 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 100 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 75 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}



MAN WELDING SERVICES, INC

Company MEWBORNE OIL CO. Date 1-11-12-2011

Lease ARIES "20" Fed Com, 2H County Eddy Co, NM,

Drilling Contractor PATERSON Drilling #46 Plug & Drill Pipe Size C-22-12"- 4 1/2 XH

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** 1275 **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}

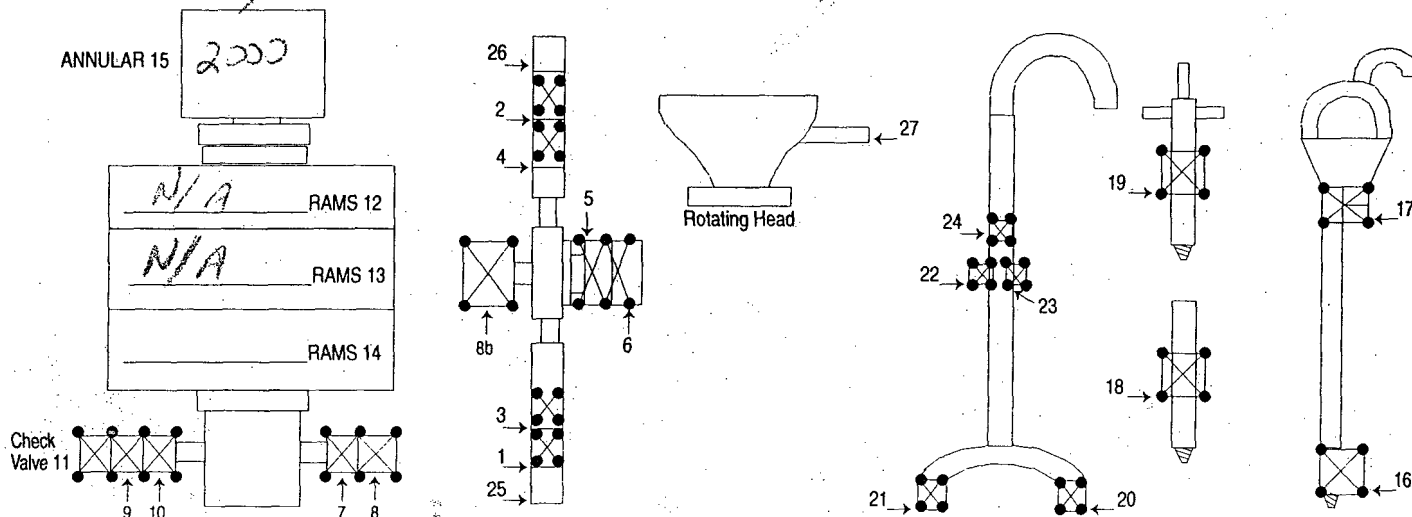
To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

- 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 min 10 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}



B 12234

Company MEWBOURNE OIL CO. Date 1-18-2011 Start Time 9:30 ☐ am ☒ pm
Lease ARIES "20" Fed. Com. #2H County Eddy State N.M.
Company Man _____
Wellhead Vendor _____ Tester Henry Hughes
Drig. Contractor PATERSON Drilling Rig # 46
Tool Pusher ELTON
Plug Type C-22 Plug Size 12" Drill Pipe Size 4 1/2 XH
Casing Valve Opened YES Check Valve Open N/A

[illegible]

8 HR@ \$1150.⁰⁰
9 HR@ 900.⁰⁰
Mileage 194 @ 1.09 per mile = 194.⁰⁰
MASTER PRINTERS 575.396.3661
methuen 100.⁰⁰

2344.00
SUB TOTAL

TAX 128.93

2472.93
TOTAL