

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

OCD Hobbs

RECEIVED
DEC 22 2010
OCD

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NM-105562 (SL) NM-27507 (BHL)
2. Name of Operator Mewbourne Oil Company 14744		6. Indian, Allottee or Tribe Name
3a. Address PO Box 5270 Hobbs, NM 88241	3b. Phone No. (include area code) 575-393-5905	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) 380' FNL & 380' FWL, Sec 22-T26S-R32E Unit Letter D		8. Well Name and No. Red Hills West 22 Fed Com #1H
		9. API Well No. 30-025-39901
		10. Field and Pool, or Exploratory Area Wildcat Bone Spring
		11. County or Parish, State Lea 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 & cmt
	☐ 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.)

11/18/10...MI & spud 17 1/2" hole. TD hole at 802'. Ran 802' 13 3/8" 48# H40 ST&C csg. Cemented with 400 sks BJ Lite Class C (35:65:4) with additives. Mixed @ 12.5 #/g w/ 2.15 yd. Tail w/200 sks Class C w/2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Plug down @ 5:30 am 11/20/10. Circ 98 sks to pit. At 5:30 am on 11/21/10, tested BOPE & casing to 1250# for 30 mins, held OK. Chart & schematic attached. Drilled out with 12 1/4" bit.

11/27/10. TD'ed 12 1/4" hole @ 4405'. Ran 4405' 9 5/8" 36/40# K55/J55 LT&C & ST&C Csg. Cemented with 1200 sks BJ Lite Class C (35:65:4) w/additives. Mixed @ 12.5 #/g w/ 2.13 yd. Tail w/200 Class C Neat. Mixed @ 14.8 #/g w/ 1.33 yd. Plug down @ 9:00 pm 11/26/10. Circ 246 sks cement to pit. WOC 18 hrs. 11/27/10 tested BOPE to 3000# & tested annular to 1500#. Tested csg to 1500# for 30 mins, held OK. Chart & schematic attached. Drilled out with 8 3/4" bit.

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

Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

Date 12/01/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name
(Printed/Typed)

ACCEPTED FOR RECORD
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

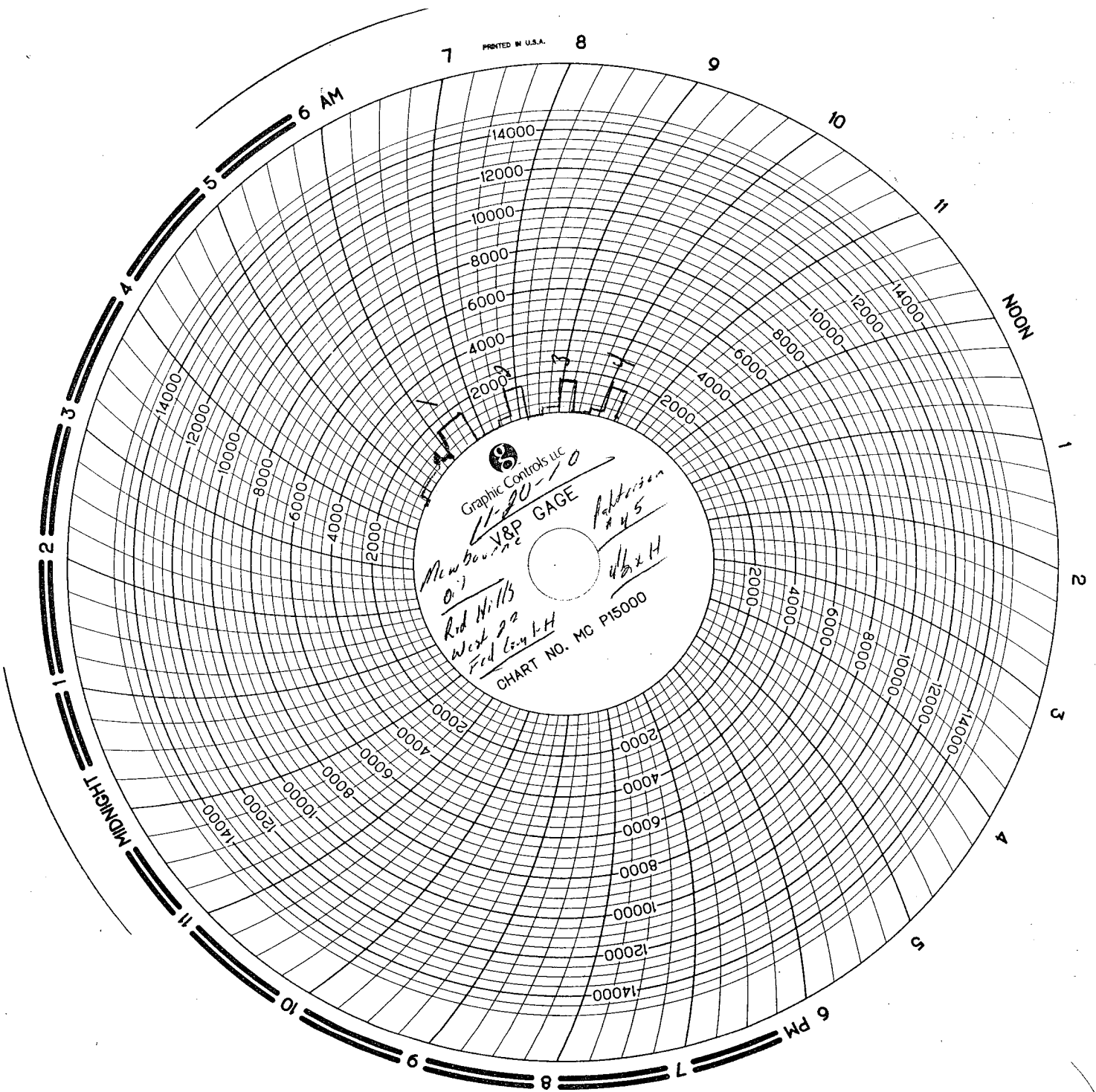
Date

DEC 18 2010

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.

(Continued on next page)

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE



MAN WELDING SERVICES, INC

Company Mechanics Oil Date 11-20-10

Lease Red Hills West 20 Fed land County Lee

Drilling Contractor L.H. Jones 45 Plug & Drill Pipe Size 4 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 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 1020 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 65 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}



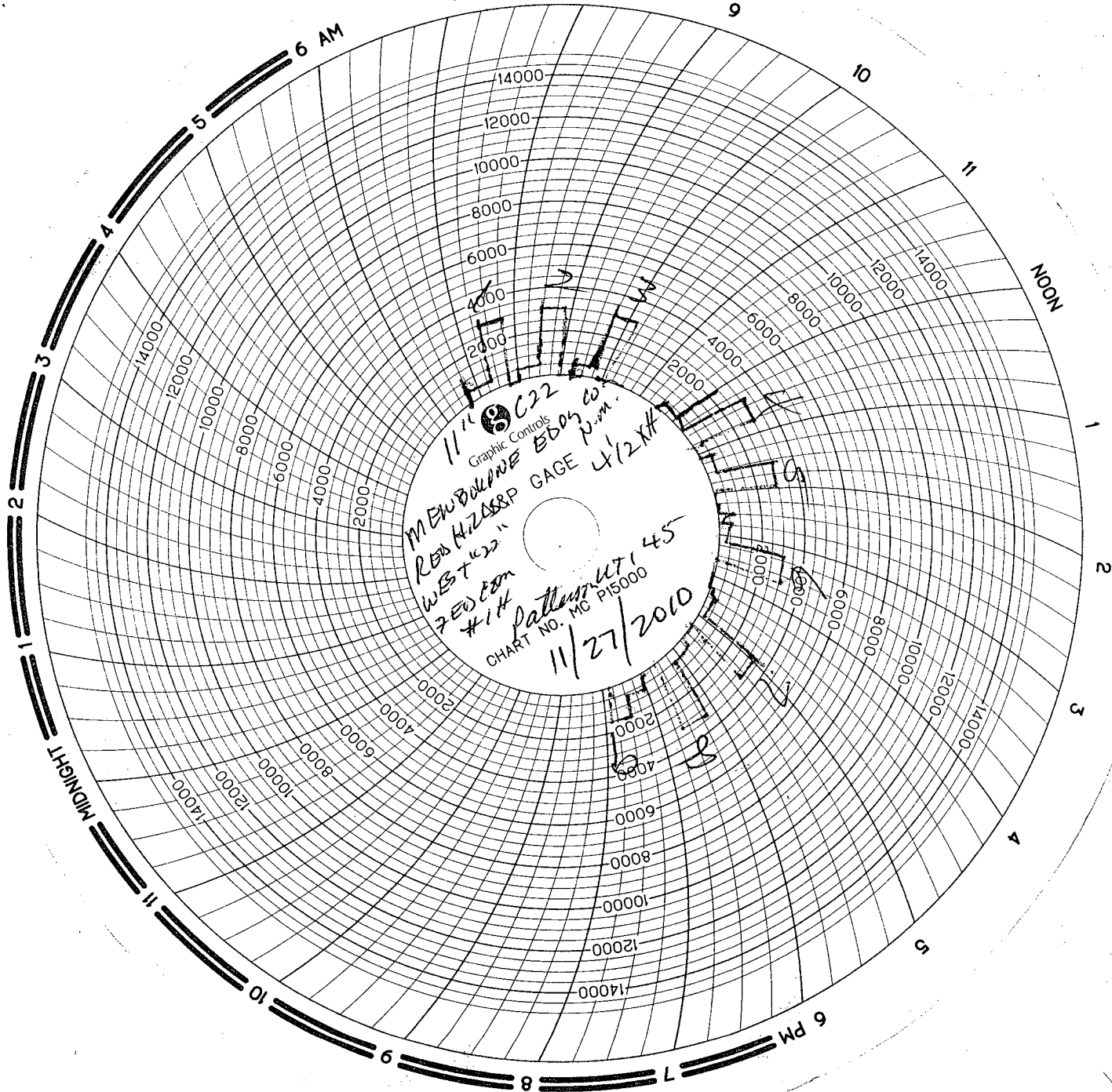
INVOICE

No B 11761.

[illegible]

8 HR @ \$150
5 HR @ \$100 \$500
Mileage 170 @ \$1 \$170
MASTER PRINTERS 575.396.3661

SUB TOTAL 41920
TAX 8107.04
TOTAL 50027.04



MAN WELDING SERVICES, INC.

Company MEWBORNE Date 11/27/10
Lease RED HILLS WEST "22" ZED COM #114 County EDDY CO. N.M.
Drilling Contractor PATTERSON UTI 45 Plug & Drill Pipe Size 11" C 22, 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)
 $18" \text{ fluid} \times 7.7 = 138 \text{ gal}$
 $14 \times 36 \times 128 = 280 \text{ gal} / 36" = 7.7 \text{ gal per 1"} = 90 \text{ gal}$
 $+ 138$
 $228 \text{ gal usable fluid}$
- 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 1400-1 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 950 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 1:20 min. 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}



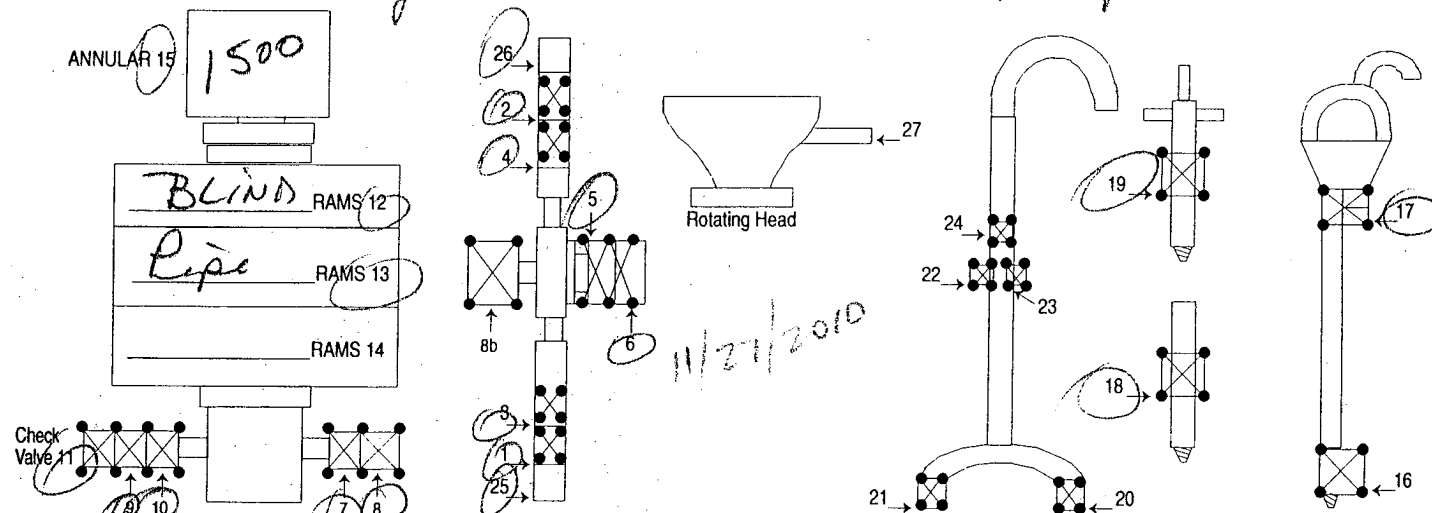
MAN
WELDING SERVICES

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

INVOICE

B12101

Company MEWBOURNE Date 11/27/10 Start Time 7:00 ☒ am ☐ pm
Lease RED HILLS WEST "22" FED COM #1H County EDDY State NM.
Company Man PAUL N.
Wellhead Vendor _____ Tester KENNY KIRKPATRICK
Drig. Contractor PATTERSON UTI Rig # 45
Tool Pusher BILL Z.
Plug Type 2 22 Plug Size 11" Drill Pipe Size 4 1/2 KH
Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	19	10/10	250	3000	Clean Rig Good hands Thank you
2	18	10/10	250	3000	
3	17	10/10	250	3000	
4	9, 12, 3, 4, 6	10/10	250	3000	
5	10, 12, 1, 2, 5	10/10	250	3000	
6	10, 12, 25, 24, 5	10/10	250	3000	
7	11, 13, 8	10/10	250	3000	
8	11, 13, 7	10/10	250	3000	
9	10, 15, 7	10/10	250	1500	

8 HR @ 1150⁰⁰ 1150⁰⁰
3 HR @ 100⁰⁰ 300⁰⁰
Mileage 176 @ 1⁰⁰ 176⁰⁰
MASTER PRINTERS 575.396.3661
MEXAMAK 100⁰⁰
1726⁰⁰

SUB TOTAL 1726⁰⁰
TAX 94⁹³
TOTAL 1820⁹³