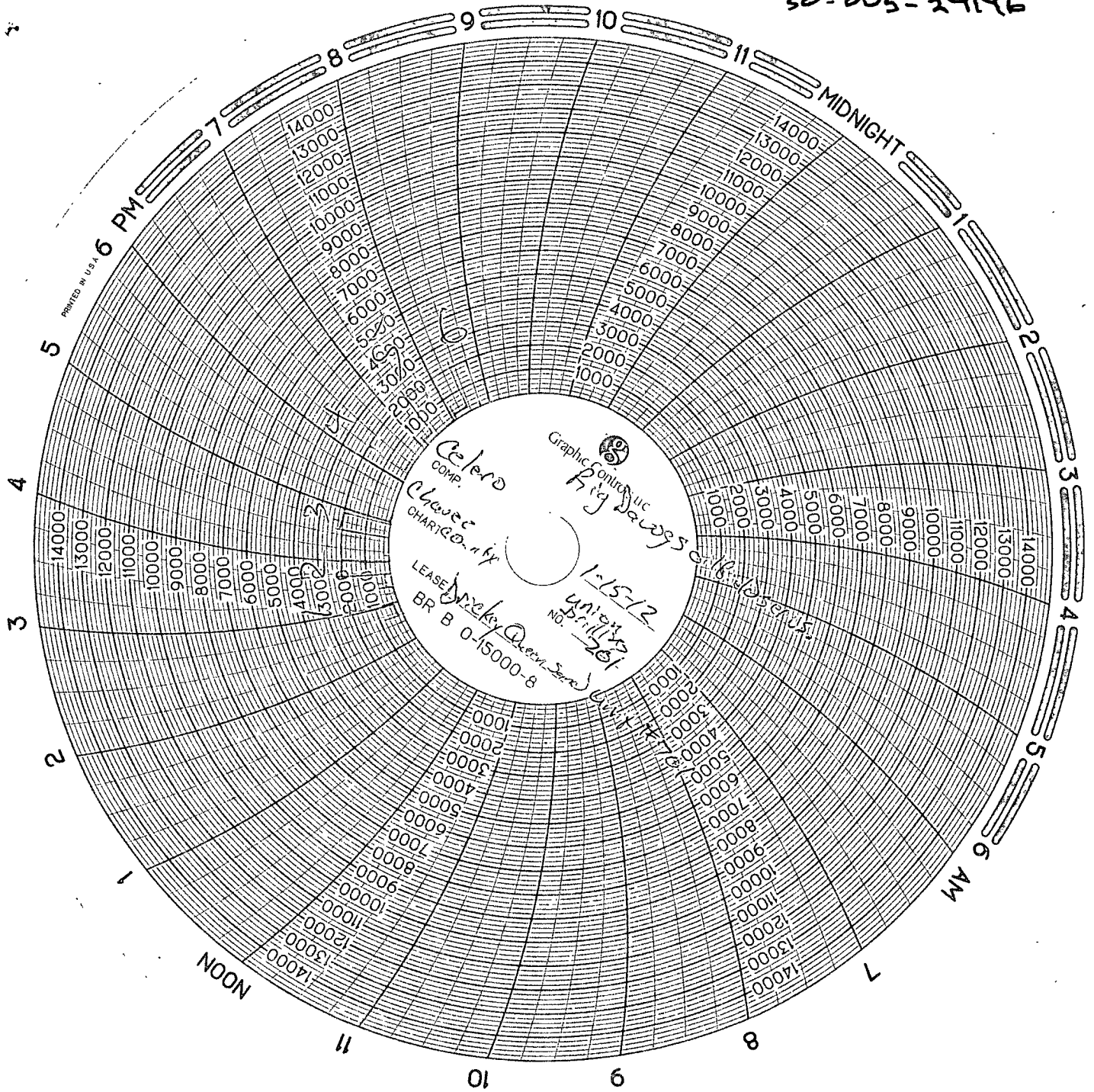


30-005-29196



MAY 02 2012

Rig Dawg S

Oilfield Services LLC

Company Celero Energy Date 1-15-12
Lease Dickey Queen Unit 701 County Chavez
Drilling Contractor Union Drilling Plug & Drill Pipe Size 8 7/8 Lb/in 4 1/2 x H

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 900 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 0:43. 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}

Rig Dawg S

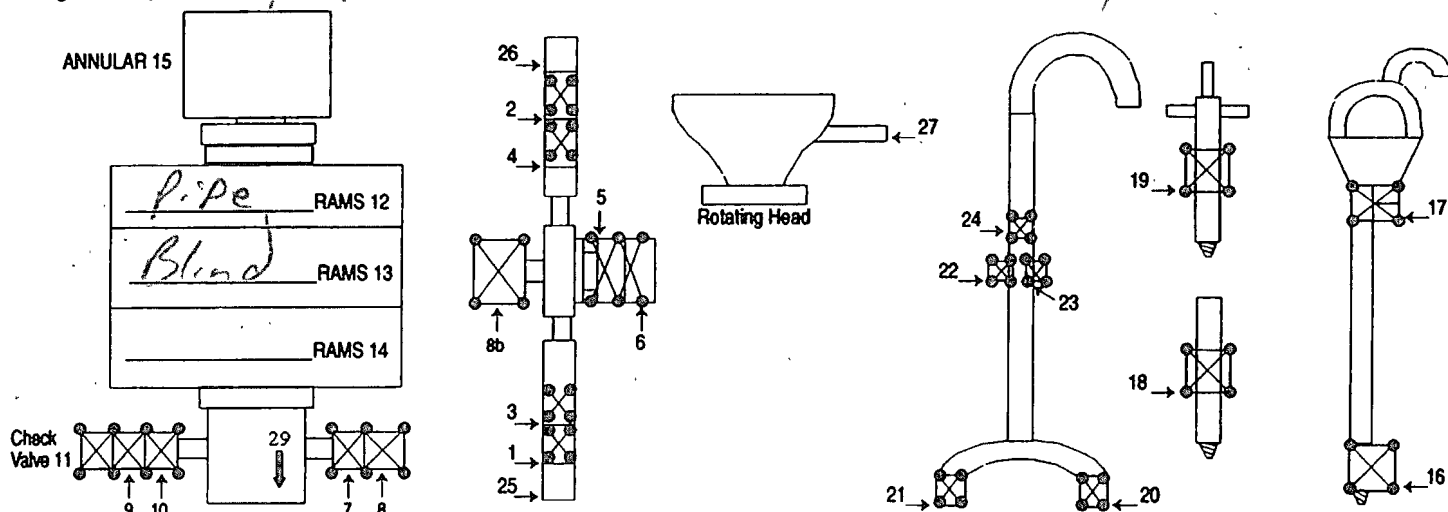
BOP TESTING * NIPPLE UP SERVICE * WELDING

INVOICE 1112

LOVINGTON, NM * (575) 441-2066

Oilfield Services LLC

Company Celero Energy Date 1-15-12 Start Time ☐ am ☐ pm
 Lease Drikey Queen Sand Unit # 701 County Chavez State NM
 Company Man Jesus Garcia
 Wellhead Vendor _____ Tester Cliff Laughlin
 Drig. Contractor Union Drilling Rig # 201
 Tool Pusher _____
 Plug Type Larkin Plug Size 8 5/8 Drill Pipe Size 4 1/2 x 14
 Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	13.11.25.5.26	10/10	250	2000	
2	13.10.1.5.2	10/10	250	2000	
3	12.10.7	10/10	250	2000	
4	19	10/10	250	2000	
5	18	10/10	250	2000	
6	17	10/10	250	2000	

4 HR @ 800.00
 1 HR @ 100.00
 Mileage 100 @ 150.00
 methanol @ 150.00

SUB TOTAL 1200.00
 TAX 82.50
 TOTAL \$1,282.50