



30-025-40578

HOBBS OCD

INVOICE

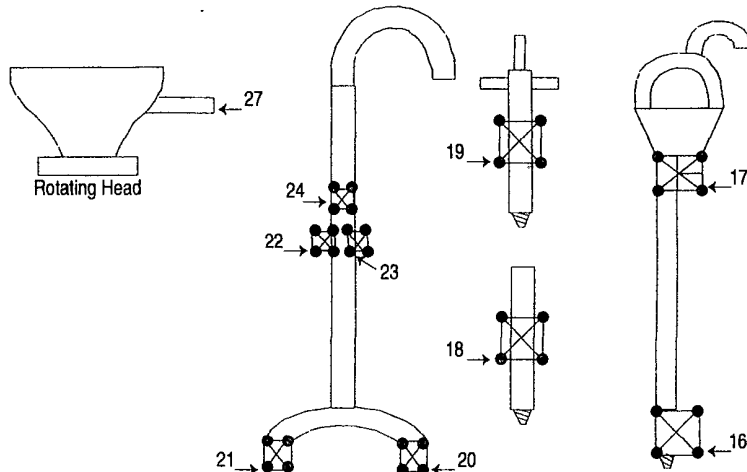
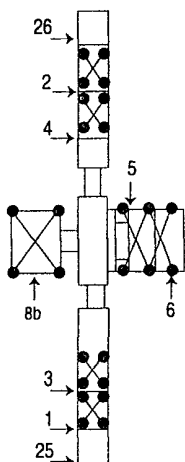
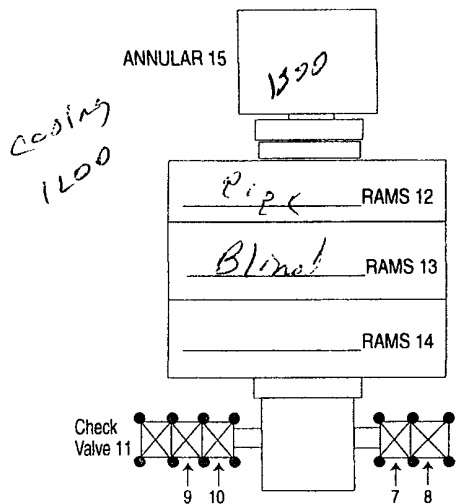


PO Box 7
Lovington, NM 88260
(575) 224-2345 (575) 942-9470

JUL 10 2012

Nº B 0408

Company Cimarex Date 6-30-12 Start Time 10:00 ☐ am ☒ pm
Lease Trist Draw 36-6H County Lea State NM
Company Man Butch
Wellhead Vendor _____ Tester Daniel Mott
Drlg. Contractor Cardus Rig # 104
Tool Pusher Clint Walker
Plug Type C-22 Plug Size 4000 12" Drill Pipe Size 4 1/2"
Casing Valve Opened YLS Check Valve Open 1/5



TEST #	ITEMS TESTED
1	10, 3, 12
2	9, 1, 10, 11
3	3, 4, 10
4	10, 8, 12
5	10, 7, 12
6	10, 7, 15
7	1
8	16
9	22, 23, 21, 20
10	3, 4, 5, 9, 15
11	18

TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
10/10	250	7	
10/10	250	3	
10/1	250	-	
10/10	50	-	
10/10	250	4	
10/10	250	6	
10/10	250	3	
10/10	250	2	
10/1	250	-	
10/10	250	1000	



DRILLING: Permian

Non-Completion

Property#/Name: 304171-118.01 Trist Draw 36

Bill Cat: DDC 200 AFE# 251247

Desc: Testing BOP

Equipment

Approval: 6-30-12

4

adcliff 166

JUL 31 2012



PO Box 7
Lovington, NM 88260
(575) 224-2345 (575) 942-9472

Company Primerex Date 6-30-12

Lease Triste Draw 36 cactus County Lea NM

Drilling Contractor Cactus 124 Plug & Drill Pipe Size 2 7/8" 4 1/2" 10

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** 1300 **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** 1.55 **. 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}