



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
Geologic Resources Management Division

Annual Certification
Blowout Preventers, Accumulators, Pumps, and Secondary Systems

By authority of Part 615 or Part 625 of Act 451 PA 1994, as amended.

Non-submission and/or falsification of this information may result in fines and/or imprisonment.

1. Equipment Information

Company Name: _____

Assigned rig name/type: _____

2. Blowout Preventer (BOP) Assembly Components Tested (Use additional sheets, if needed)

Components tested	Annular	Blind ram	Pipe ram
Manufacturer			
Model number			
Serial number			
Working pressure			
Test pressure			
Opening volume			
Closing volume			

3. BOP Assembly Pressure Test

Pressure test	Annular	Blind rams	Pipe rams	Upper kelly	Lower kelly	Inside BOP
Pressure applied						
Time held						
Final pressure						
Operate locking screws						

4. Accumulator and BOP Control Manifold

System pressure reducing valve Yes No Annular regulating valve Yes No

Accumulator volume _____ Accumulator type _____

Bottle precharge pressure: No. 1 _____ psi No. 2 _____ psi No. 3 _____ psi No. 4 _____ psi

Hydraulic pumps: No. 1 type _____ gpm No. 2 type _____ gpm

System pressure rating _____ No. of stations _____ Other _____

Air Yes No Nitrogen Yes No Electrical Yes No

Reservoir tank volume: Total capacity _____ gals/in _____ Blind ram control guard Yes No

Reservoir level: Bottles empty _____ in Bottles full _____ in Controls labelled correctly Yes No

5. Remote Station Yes No

Number of stations _____ Power supply _____ Pressure on line _____ psi
Location _____ Control line tested Yes No Fluid in system
Blind ram control guard on Yes No Labelled correctly Yes No Air in system

6. Accumulator Performance Test

BOP unit	AP* Time	AP* Initial	AP* Final	PP* Time	PP* Initial	PP* Final	RT* Minutes	RT* Seconds
Annular								
Blind rams								
Top pipe rams								
Pipe rams								

*AP: Accumulator Pressure, PP: Pump Pressure, RT: Recharge Time

7. Accumulator Bottles Check

Starting pressure (pumps/power off): _____ psi After closing bottom rams: _____ psi
After closing top rams: _____ psi After closing annular: _____ psi
Calculated fluid volume remaining: _____ gals to _____ psi

8. Visual Check

Comments:

9. Operable Secondary Closing Systems Installed

Type 1: _____ Type 2: _____

10. All kill, choke valves, and checks tested to manufacturer’s working pressure Yes No

11. Certification

I hereby certify that the above are true tests and cumulatively comply with the product manufacturer’s minimal operational specifications.

Name: _____ Signature: _____

Independent testing company: _____ Date of certification: _____

Instructions

Annular BOP, blind rams, pipe rams, and accumulator are certified as a single unit.
Any change to the components described in 2 and 4 will require immediate recertification.
Must be posted at the rig and match the BOP equipment in use.
Recertification is required annually.
Submit via email to EGLE-GRMD-PermitApplications@Michigan.gov.

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