

# The Dual Pool® 626 exceeds expectations in capacity processing and HSE test for major Latin American operator

• Dual Pool® exceeds parameters by 132% for solids removal in offshore conditions

## Objective

Test the capacity of the Dual Pool 626 with conditions that replicate deep-water drilling in the Tupi Field. Evaluate HSE and operational benefits of Dual Pool technology. Evaluation included:

- Demonstrate improvement over specified capacity and solids removal expectations with Dual Pool 626
- Show operational and HSE benefits of Dual Pool technology

## Test Parameters

- Drilling fluid properties specified by operator
  - o 1.2 SG WBM with a YP of 45
  - o Two size ranges for oversized solids (fine and coarse)
- Shaker must process 500 GPM utilizing API 120 screens and 250 GPM utilizing API 200 screens

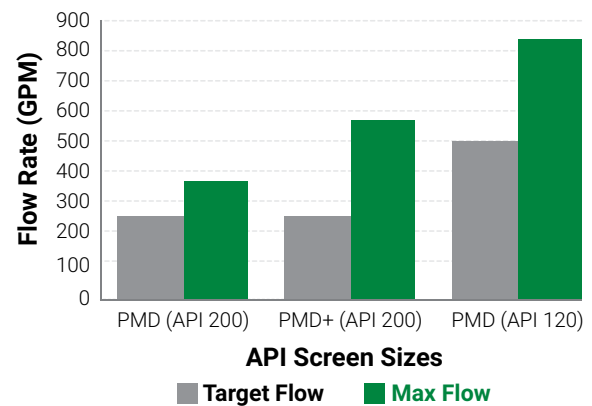
## Fluid Conditions for Test

- 10.4 PPG (1.24 SG), PV 60, YP 50
- 5.5% vol. Low Gravity Solids
- 1.5% Bauxite (200-600 microns)
- 1.5% Basalt Gravel (~15000 microns)
- 2.5% Silica Sand

## Results-Capacity Testing

- API 120 PMD®: 840 GPM (168%)
- API 200 PMD: 360 GPM (144%)
- API 200 PMD+™: 580 GPM (232%)

Dual Pool Max Flow Rates



## Results-HSE and Operation

- Lightweight screens are easily changed by one person; system is intuitive and safe
- Screen compression system and push-on bed rubber eliminate the need for tools or hardware in screen changes and maintenance
- 100% deck view/access allows for quick, easy screen inspection and changes, resulting in less exposure to fluid and vapors on shaker

## Conclusion

The Dual Pool 626 exceeded the expectations of operator representatives. The capacity test yielded results from 44% to 132% over the specified minimum handling capacity. These results, combined with HSE and operational benefits will allow operator to change offshore drilling rig specifications to include the Dual Pool in lieu of triple deck shakers.

For more information, please contact your local Derrick sales representative.

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