

CRUDE OIL REFERENCES

MIXING OF CRUDE & WASH WATER LOCATION: NORWEGIAN SEA EQUIPMENT: 14" ProSolt mixer APPLICATION: Installed in parallel to a conventional globe mixing valve upstream of the 1st-stage desalter PROCESS CONDITIONS: CRUDE API: 37 CRUDE OIL FLOW RATE: 2.20 m lbm/hr PERFORMANCE: PRESSURE DROP: 3-12 psi SALT SPEC: Typically below 2 mg/l; 0.70 ptb BS6W SPEC: (0.10 − 0.15 vol %)



OIL SANDS LOCATION: CANADA EQUIPMENT: 3 x 15 ft S/S FWKO and 6 x 14 ft S/S mechanical treaters APPLICATION: Bulk water oil removal and dehydration FWKO/TREATER PER UNIT: FEED OIL FLOW RATE: 72,557/36,440 BOPD FEED WATER FLOW RATE: 99,326/3796 BOPD API: 17







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