

Enhanced Mud Logging System

Diversified's **DAS - Enhanced System** includes the conventional logging services plus real time enhanced mud logging data acquisition and display system.

Conventional Logging System Includes:

- 2-man, 24 hours per day, 12 hour shifts
- Lithology Identification and Description
- Hot Wire and TC Total Gas System
- Automatic Chromatograph
- Shale Density Plotted
- Drilling Mud Properties
- Oil Fluorescence
- Show Reports
- 1" and 5" Daily Mud Logs via e-mail or fax
- 1" and 5" Final Composites
- 2 Sets 30' Well Cuttings Wet or Dry

DAS - Enhanced System Includes:

(Real Time Enhanced Mud Logging, Data Acquisition and Display)

- **Two Remote Monitors** - Company man & rig floor (intrinsically safe)
- **Date** - Current date in month/day/year format
- **Time** - Current time of day in 24 hour-format
- **Depth** - Hole depth in feet
- **W.O.B.** - Current weight on bit in lbs.
- **Hook Load** - Current hook load in lbs.
- **DXC** - "D" exponent computer generated
- **RPM** - Current rotary rate per minute
- **Torque** - Current torque in amps. Relative to ft/lbs
- **ROP (Current)** - Rate of penetration of last foot drilled in ft./hr. or min./ft.
- **Total Gas** - Current hydrocarbon gas value in units
- **Pumps #1, #2 & #3** - Current rate & stroke count displayed for each pump
- **Drill Strokes** - Current "Drill Strokes"
- **Lag Strokes** - Current "Lag Strokes"
- **Pore Pressure** - Pore pressure computer generated
- **Strokes to Bottom Up** - Current number of strokes left until "bottoms up."
- **Standpipe Pressure** - Current pump rate in PSI
- **PVT BBLs** - Total pit volume
- **Flow In** - Gallons per minute
- **Flow Out** - Percent
- **Pit #1, #2, #3, #4 & #5** - Current BBLs in each pit
- **Trip** - Monitoring in & out / trip tank
- **Temperature in & out** - Flow line / suction pit
- **Casing Pressure** - Shut in pressure

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Mexico through
operations in
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Pennsylvania, and
Mexico.