

## Construction of the Tower and Rotary Table 1974



**Atmospheric Drilling  
Before moving into  
New TerraTek Drilling Research  
Laboratory  
1975**





## Addition of Wellbore Simulator—16-inch Naval Gun Barrel 1976





**Locate into TerraTek  
Drilling Research  
Laboratory 1976**



**Large Sample Pressure  
Sealing for Pressure  
Drilling Tests 1978**

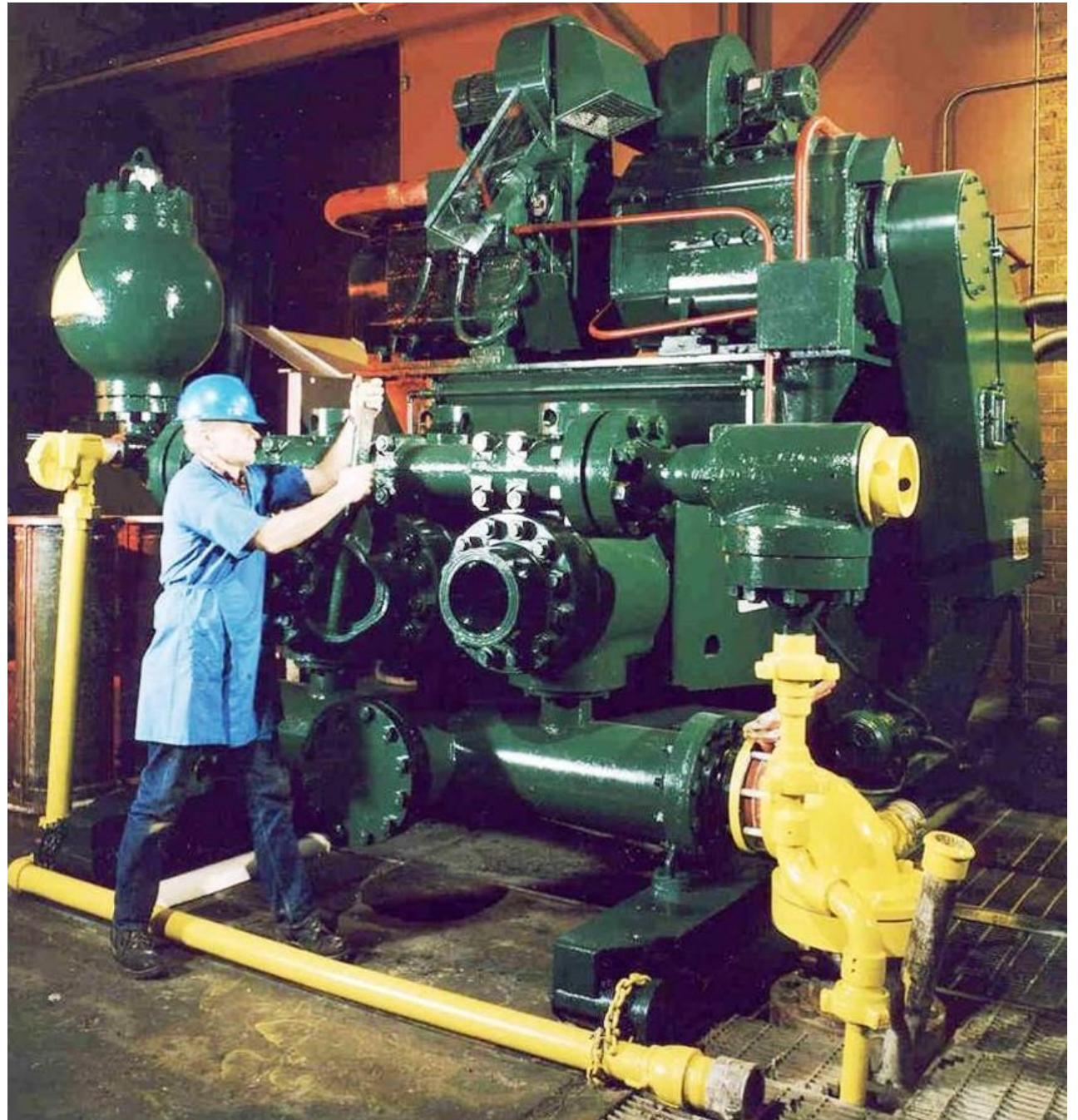




**Early Laboratory  
Control Room with  
Analog Recording  
1976-1990**

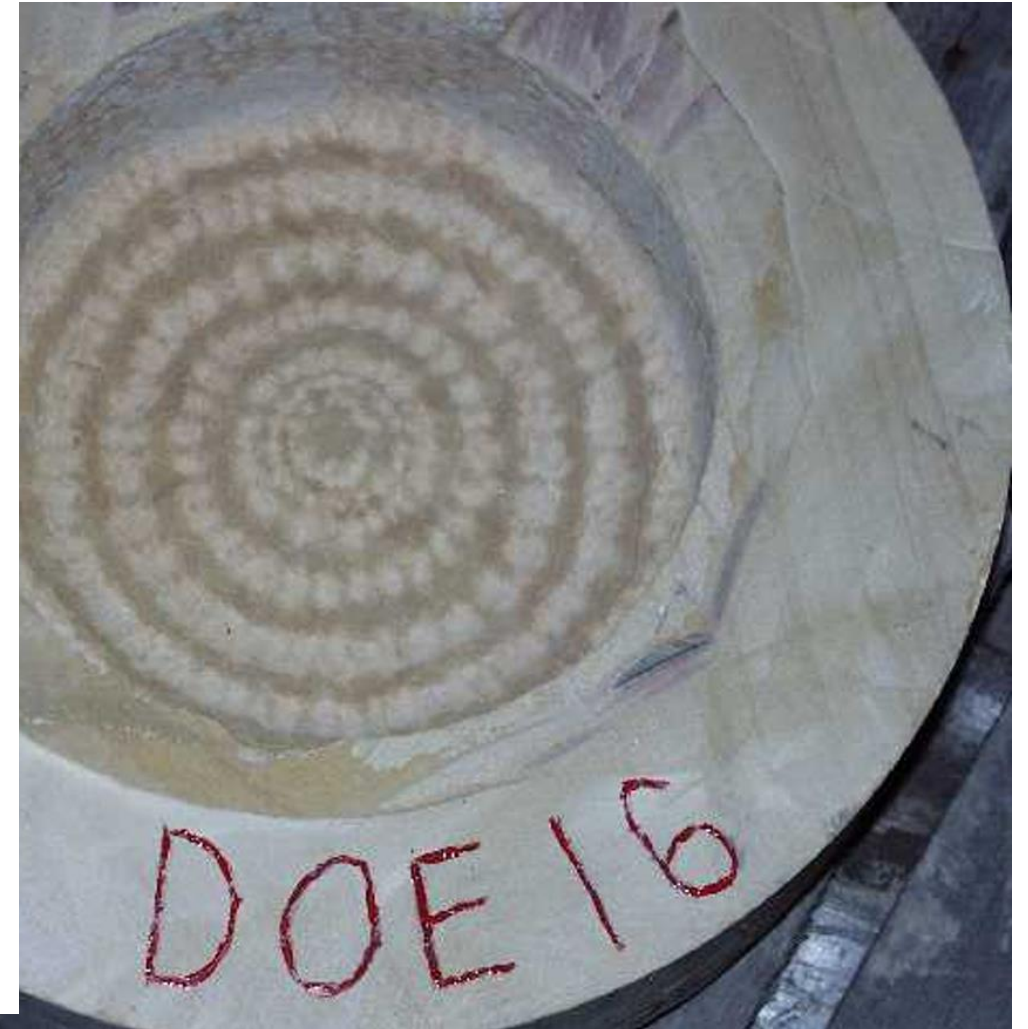
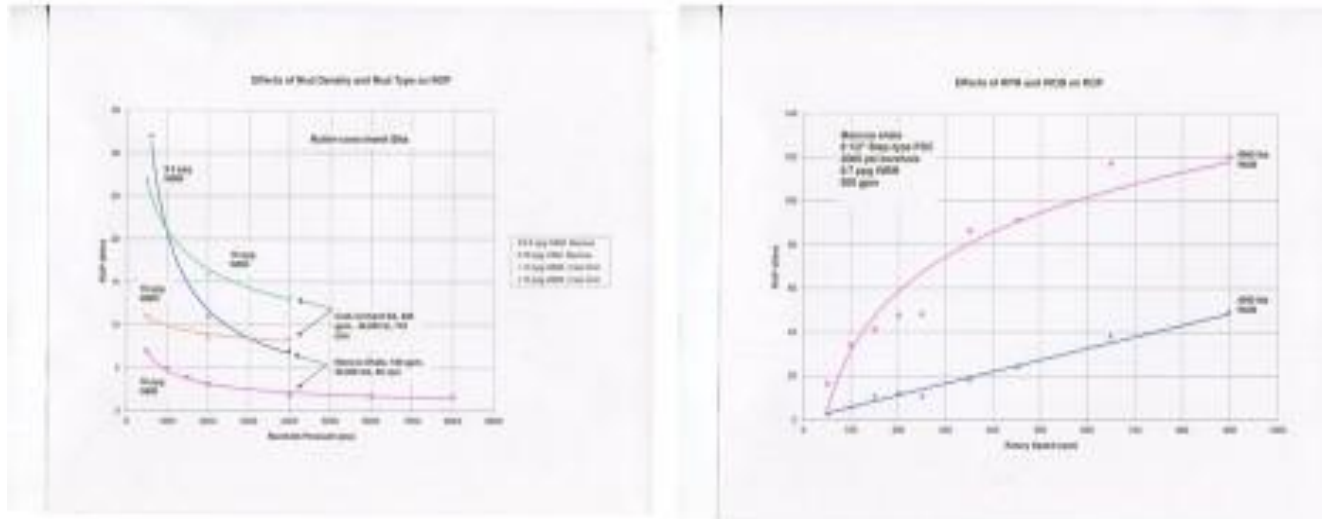
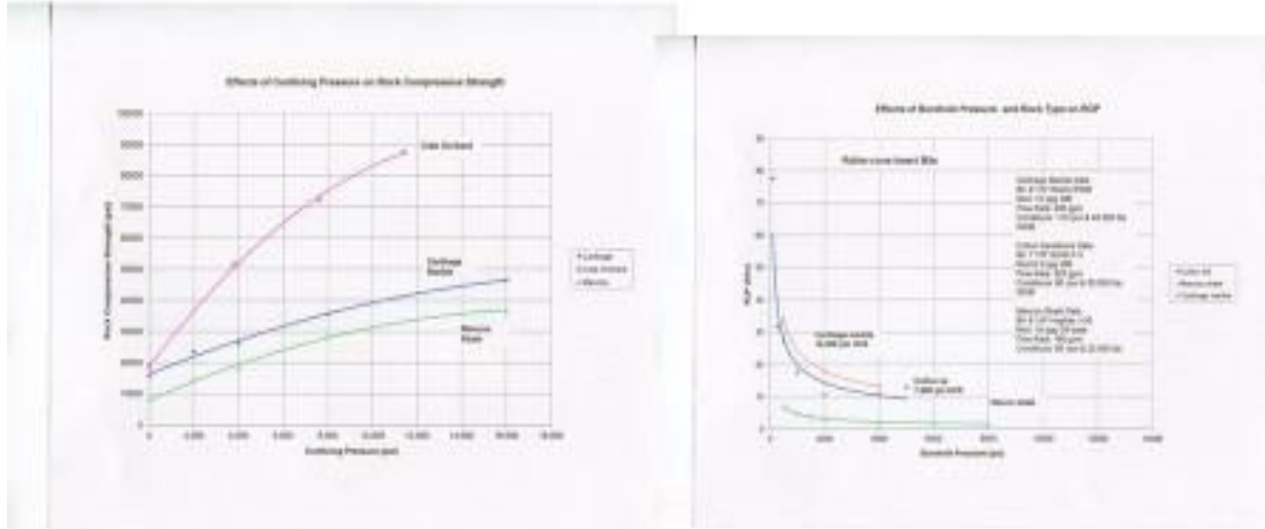


## Full-Scale Mud Pumping Capability 1978



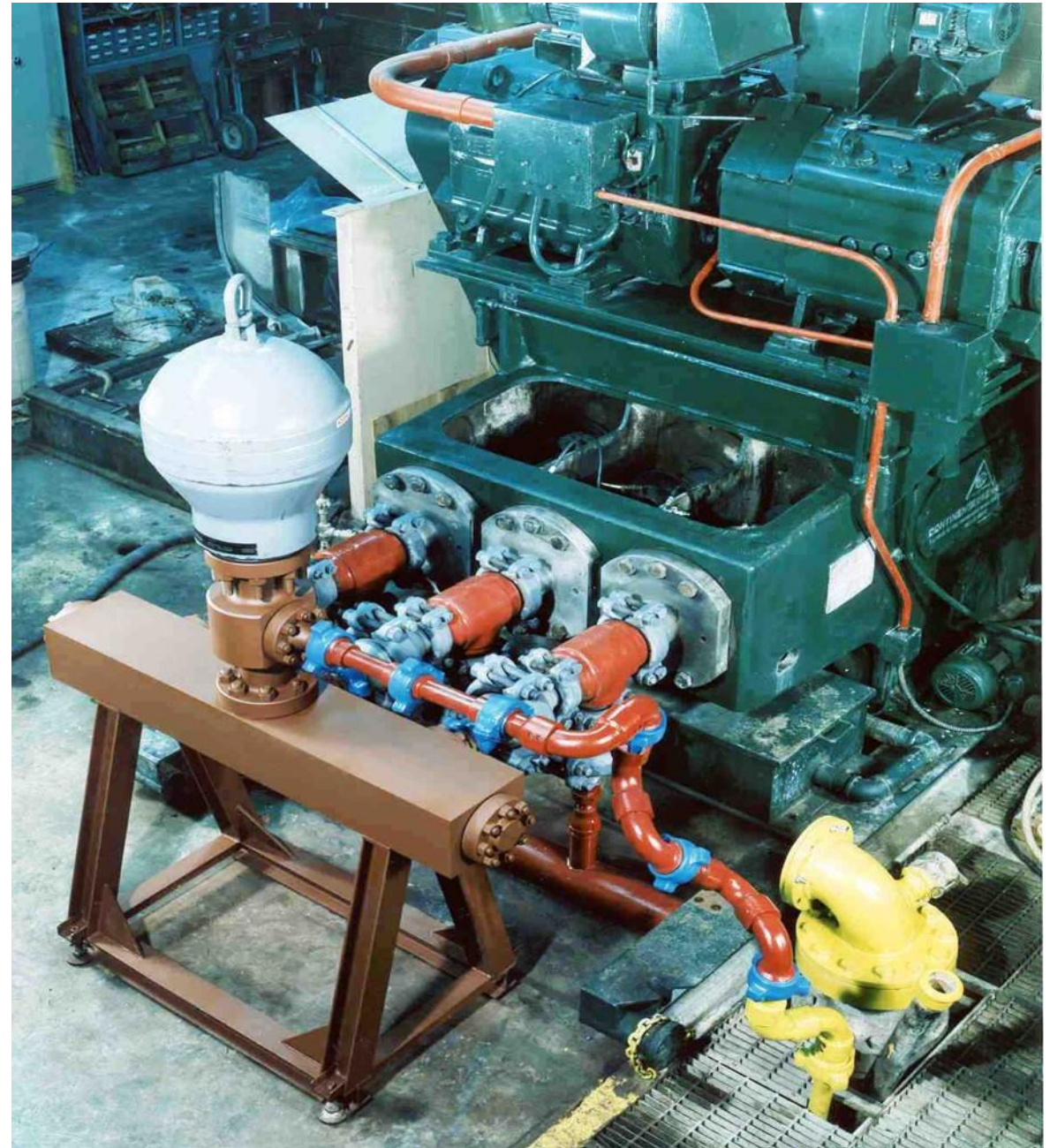


# Pressure Drilling Data and Bottom Hole Roller Bit Pattern 1978





**Addition of High Pressure  
Fluid Ends for Mud Pump  
1982**



## Upgrade Control and Data Recording 2000





**Re-Location to the new  
TerraTek Facilities in  
2004**



## Addition of Upgraded Mud Handling System 2004

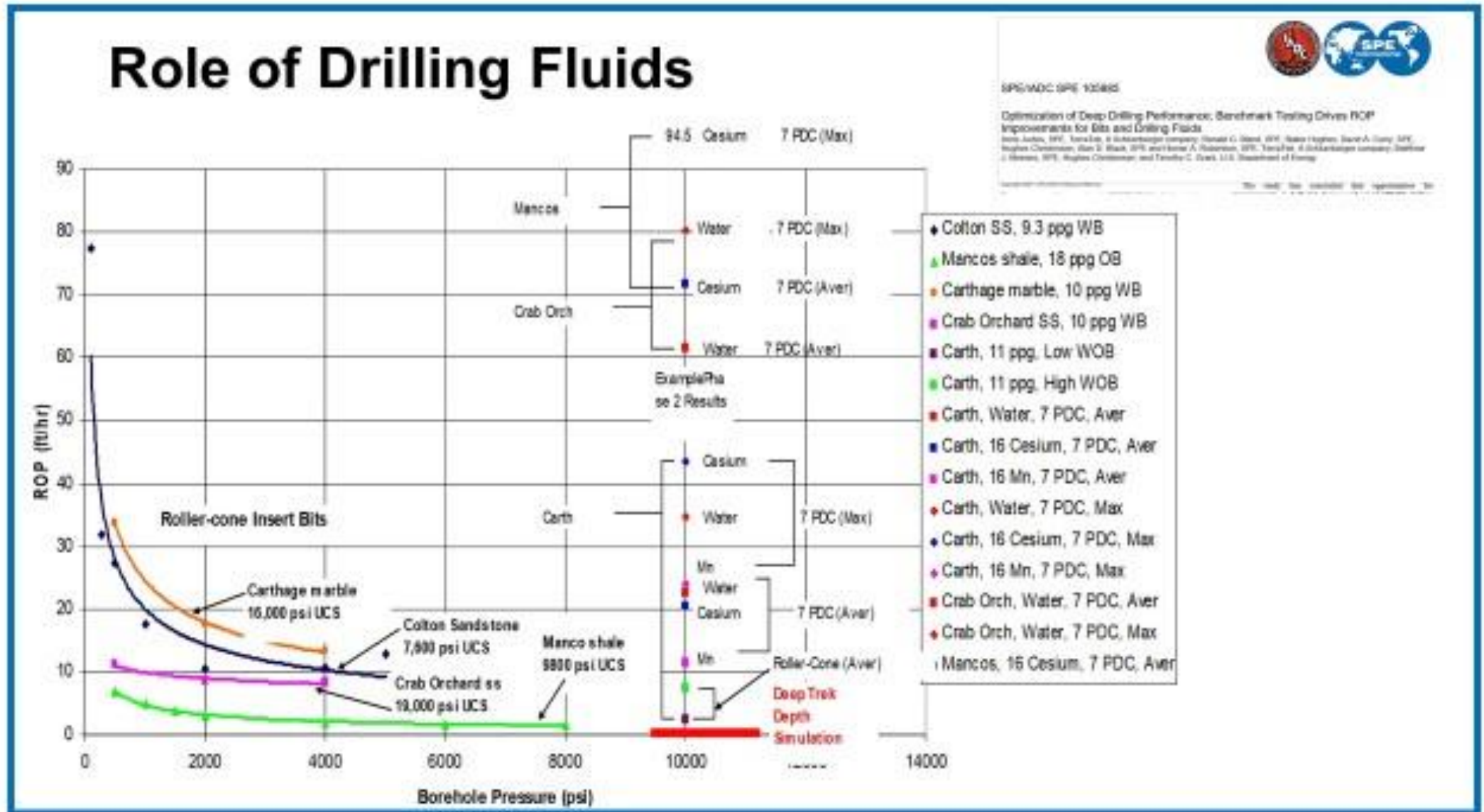




## Acquisition of TerraTek by Schlumberger 2006



# Deep-Well High Pressure Drilling—Drilling Fluids are Critical 2010





# Full Digital Controls and Data Recording Upgrade 2014



# Dismantling and Storage of Laboratory Equipment 2017





# Transporting Equipment to UND 2019



**Equipment was  
set up at the  
\$17,000 sqf.t  
Old Minnkota  
Power Plant in  
Grand Forks**

