2003
IADC Drilling Onshore America!
Land Contractors Day
MAY 21, 2003
OMNI HOUSTON WESTSIDE HOTEL
HOUSTON, TEXAS
Small Contractors Can Design For Safety, Too!
One Rig is Always Being Rebuilt in the Yard

- Every Piece is Either Rebuilt or Replaced
- All Rigs are Standardized to the Extent Possible
- A New Innovation is Added
- All Rigs in the Field then Receive the Change
Derricks are Sandblasted to Bare Metal
Each Weld is Checked for Integrity
Any Deficit is Corrected to Original Specification
Drawworks are Completely Rebuilt
Guards and Skids are Replaced or Rebuilt as Needed
Bearings and Sprockets are Replaced to Lessen Down Time
Mud Pits are Normally Replaced Due to High Concentration of H₂S, CO₂ Flood and Brine Mud Systems
All Rigs are Equipped with Pason Penless Electronic Drilling Recorders

▲ EDR in Toolpusher’s Trailer  EDR Mounted in Doghouse ▲
All Rigs are Equipped with Drench Showers Located Close to the Chemical Barrel
All Engines on all Rigs Have Mufflers for Hearing Protection
Each Rig is Equipped with 4 Self Retracting Lifelines

- Above Crown
- Above the Board
- Doghouse side back of derrick
- Pit side back of derrick

100% Tie-off Program
No Spinning Chain on Any Rig

Kelly Spinner  
Pipe Spinner
Every Valve and Gauge are in Identical Place on All Rigs for Safety
All Rigs are Equipped with Backsaving Air Slips
Some Additions, Such as Safer Tongs Were Added Several Years Ago
The Rig Currently Being Rebuilt Will Have No Spools on Catheads

- Boomline and Catline are Powered by Same System as Winch and Wireline
- Aim is to Eventually Eliminate Catheads Completely
Enhanced Vision for Boomline and Catline Operator

✓ Boomline and Catline will be Controlled Remotely
✓ In Most Cases will Eliminate Need for Flagman
Bandera - Rig 11
Back to Work in West Texas