Flattime REDUCTION



IADC Spark Tank

Reducing Drilling Cycle Times with Flat Time Analysis





FTR's Philosophy

- Every process can be improved
- Success is a function of relationships
- Listen twice as much as you speak

















- Developed "backwards"
- Real oilfield experience

Focused on simplification



 Complimentary to Big Data

Custom to rig design

KPI adaptable





Max Equipment Utilization

Communication & Training





- Field engineer(s) on site for duration of well
- Integrated into rig team
- Field data collection
 - Observations
 - Time study
 - Crew input
- Field testing
- Report findings based on data



Mobilization

- Pad to pad
- Rig walk/skid



Making connections

- Drilling
- Tripping in/out of hole



Running casing

- Surface
- Intermediate
- Production



Bop handling

- Nipple up/down
- Pressure testing



- Effective rig fleet standardization
- Manufacturing approach to pad drilling
- Decreased new hire learning curve
- Improved reporting accuracy

- Faster, cheaper, and safer wells
- Increased focus on ergonomics
- A smaller office to field gap
- Increased sustainability of change

√ Field time for young engineers!!





"We partnered with FTR for 2 years with a common goal of reducing move times between pads as well as reducing walking time between wells. FTR is not a group of former tool pushers or motivational speakers, they are experienced field engineers. They achieve buy-in from rig managers and crews through LEAN solutions and shared information. The results were a 49% reduction in move times between locations and a 53% reduction in walking time between wells. I would highly recommend FTR and their engineering approach to streamline rig operations."

Ed Jacob – President and COO Independence Contract Drilling (ret)

2015 IADC Chairman







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Thank you IARC!!