



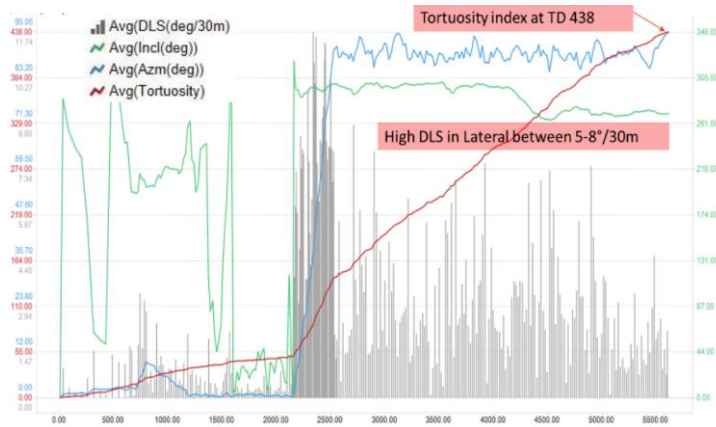
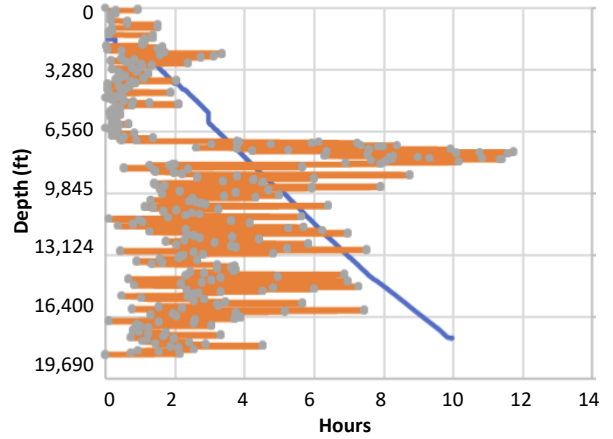
High Tortuosity Case Study

Disrupter® TD's casing
in difficult well profile



Maximized Efficiency implementing the Disrupter®

- Disrupters® run 1/jt in lateral and 1/2jts in build
- Casing floated in lateral 10,151'
- Tortuosity index high at **438**
- Disrupters® reduced FF in open hole by **15%**
- Casing reached TD, without rotation



TD (ft)	Lateral Length (ft)	HRS	Run Speed (ft/hrs)
18,426	10,151	9.96	1,850

Reached TD with no excessive drag or overpulls

