



# CASE STUDY

## KEY DETAILS

- GEODynamics' customer recently drilled out of a 54 stage completion in record time
- (53) 5-1/2" GEODynamics EVOLV composite plugs were drilled out in 192 minutes
- The plugs drilled out at an average of 3.6 minutes per plug

## CASE HISTORY

GEODYNAMIC 5-1/2" EVOLV COMPOSITE FRAC PLUG DRILL OUT			
<b>Date</b>	January 19-20, 2020	<b>Motor size:</b>	3.125" OD
<b>Job Type:</b>	Plug Drill out	<b>Mill size/type:</b>	4.625"/Bit
<b>County/State:</b>	Ector, Texas	<b>Fluid rate: 3.8 bpm-4.5 bpm</b>	4 bpm abg.
<b>Field:</b>		<b>RW:</b>	2K-4K
<b>Casing:</b>	5-1/2" 20#	<b>WOB:</b>	2K
<b>Work string:</b>	2-5/8" Coil	<b>N<sub>2</sub> volume pumped:</b>	NA
<b>Coil/Rig:</b>	3 <sup>rd</sup> Party	<b>Nitrogen rate (SCFM):</b>	NA
<b>Fluid:</b>	8.34 PPG Lease water	<b>Acid/Concentration:</b>	NA
<b>BHT:</b>	164°F	<b>Number of obstructions (plugs)</b>	53
<b>Deviation:</b>	90°	<b>Total milling time on plugs</b>	192 min.
<b>PBTD:</b>	21,819 ft.	<b>Avg. plug milling time</b>	3.6 min. ea.