






Honeywell Forge | HCE | KOC- POIS video case study script

Kuwait Oil Company – Production Operation Information System

264 words @125/135/150 WPM = 2/2/1.8 min.

Scene	<u>Voiceover</u> Wordcount: 264	<u>On-screen text</u>	<u>Visuals + Notes</u>
1.	<p>As uncertainty continues to impact global supply chain and labor, unpredictable energy prices and consumption demand that the oil and gas industry adopt smarter monitoring and maintenance for operational efficiency.</p> <p>The complexity and magnitude of upstream OT and IT data calls for digital transformation.</p>	Digital transformation	<p>People wearing masks on airplanes, airports</p> <p>Gas pump pricing changing</p> <p>Workers</p> <p>Oil & gas imagery/facilities</p> <p>Well/rig pumping with data overlay imagery</p>  
2.	<p>To attain their vision of global recognition as an upstream leader, KOC's 2040 strategy calls for world class operational excellence through Industry 4.0 data-driven initiatives to achieve sustainable crude oil and non-associated gas production.</p>	Kuwait Oil Company 2040 The Fourth Industrial Revolution Exploration Drilling Production Export & gas ops	<p>KOC logo</p> <p>data & list imagery:</p> <p>Drilling Production Export & gas ops</p>
3.	<p>How does KOC realize their 2040 strategy?</p> <p>Production Operation Information System, or "POIS" gathers insights across the enterprise – using real-time monitoring and predictive analytics to understand and anticipate the effectiveness of assets, processes, and people.</p>	POIS	<p>Dashboards, IT team, oil field, GCs/facilities/transportation/workers</p>

<p>4.</p>	<p>KOC's dedicated IT team drives POIS to maximize all aspects of operations and performance, and prevent threats to productivity, efficiency, and safety.</p>	<p>KOC IT TEAM</p> <p>Real-time monitoring & surveillance</p> <p>Data analytics & visualization</p>	<p>Intelligent monitoring: Screen room</p>  <p>Production surveillance:</p> 
<p>5.</p>	<p>POIS Well Performance Management dashboards lend visibility to better predict and prevent bottlenecks.</p> <p>And, system-wide integration with ALMS, FINDER, and LIMS, POIS introduces a real-time view of well status</p> <p>for line-up and optimization of production forecasting</p> <p>across the North and Southeast Kuwait fields.</p>	<p>POIS</p> <p>PROCESS DEBOTTLENECKING</p> <p>DATA INTEGRATION</p> <p>WELL PERFORMANCE MANAGEMENT</p> <p>Monitoring & forecasting</p>	<p>IT team using dashboards, operation points across enterprise</p> <p>Debottlenecking oil & gas image search: <i>Pending detail from Vineet</i></p> <p>Data Integration image – split screens of various points of operation with data overlay</p> <p>Oil fields, production</p>
<p>6.</p>	<p>In 2019, POIS empowered GC25's engineers in North Kuwait to reduce production shortfall by 1,450 barrels.</p> <p>The team also reduced faults and number of trips by 10 to 30% per year, an estimated savings of 300 to 900 thousand dollars in annual maintenance costs while also reducing the number of safety incidents.</p>	<p>2019 REDUCED SHORTFALL GC25, North Kuwait 1,450 barrels</p> <p>POIS REDUCTION 10-30% /yr. \$4-13M /yr.</p> <p>POTENTIAL REDUCED SHORTFALL</p> <p>North \$20-70M /yr.</p> <p>South & East \$60-170M /yr.</p> <p>Total estimate: 10-30% /yr. \$80-240M /yr.</p> <p>FAULT & TRIP REDUCTION 10-30% /yr.</p>	<ul style="list-style-type: none"> Working drill arms pumping at different angles to suggest multiple locations workers examining machines, handling oil, barrels, gas industry Transport vehicles Crew safety <p>Productivity & safety: people/ workers</p> 

		\$6-18M /yr.	
7.	<p>Together, Kuwait Oil Company and Honeywell are executing on strategy and making KOC's vision a reality.</p> <p>Celebrating ten years of partnership and our next chapter of innovation.</p> <p>The future is what we make it.</p>	<p>Kuwait Oil Company + Honeywell</p> <p>2012-2022</p> <p>2022-2027</p> <p>The future is what we make it.</p> <p>CTA(s), link(s) to case study on KOC or HCl page(s)?</p>	<p>Motion graphics of logos and verbiage</p> <p>Oil field imagery, dashboards, moving machine parts, barrels, transport vehicles, engineers, teamwork, handshakes</p>

END OF VIDEO SCRIPT