

**STRATEGIC PETROLEUM RESERVE
ENTERPRISE CHANGE PROPOSAL**



ECP Header

ECP #:	<input type="text" value="EC-2017-000080"/>	Title:	<input type="text" value="St. James Redstick PL Inhibitor Relocate"/>						
In Process Status:	<input type="text" value="Open"/>	Overall Status:	<input type="text" value="APPROVED"/>	Work Status:	<input type="text" value="RRB Hold"/>	Expiration	<input type="text"/>		
Initiator:	<input type="text" value="Christopher Vedros"/>	Created Date:	<input type="text" value="Nov 28, 2017"/>	Approver:	<input type="text" value="Janet Robert"/>	Approval Date:	<input type="text" value="Mar 8, 2018"/>		
Class of Change:	<input type="text" value="Class II"/>	Change Type:	<input type="text" value="Engineering Change"/>	Priority:	<input type="text" value="Routine"/>	ROM Estimate:	<input type="text" value="49000.00"/>		
Basis for Change:	<input type="text" value="To Improve"/>	Change Ranking:	<input type="text" value="2C - DD SUPPORT (CIL) - DEFICI"/>						
Key Impl Factors:	<input type="text" value("<180d)"=""/>	Risk:	<input type="text" value="Low"/>						
PAN Numbers:	<input type="text" value="SJ-M/O-4662;"/>								
Sites:	<input type="text" value="SJ-St. James;"/>								

(in USD)

Description

Title:	<input type="text" value="St. James Redstick PL Inhibitor Relocate"/>
Problem/Existing Configuration:	The current location of the Corrosion Inhibitor injection port does not allow for proper mixing of deliveries down Redstick that route through valve K-20-BC1. This route ties in to Redstick downstream of the existing injection location, which is directly downstream of WI-120-C (the Redstick control valve).
Proposed Solution:	Relocate the CI injection point to an existing 2-inch branch directly upstream of BC-20-E. This will allow proper CI mixing regardless of crude oil routing in Sugarland. It is unknown if the existing CI uses an injection quill. An injection quill will be installed at this new location. NOTE: The entire cost of this change will be paid for by Shell as lessee of the pipeline.
Driving Requirements & Justification:	This will allow proper CI mixing regardless of crude oil routing in Sugarland.
Risk:	If not implemented, deliveries of oil into the Redstick Pipeline that are routed thru valve K-20-BC1 will not have proper mixing of corrosion inhibitor, and the pipeline could experience higher corrosion rates.

SAP Task Package List

Task Package #	Description	PAN #	SPR Task #	Resp. Engg.	Project Lead	Created By	Created On	Changed By	Changed On

Affected Configuration Items

STRATEGIC PETROLEUM RESERVE
CONFIGURATION CHANGE AFFECTED REPORT



"TO BE COMPLETED BY TECHNICAL REVIEW PROCESS, ENGINEERING AND CONFIGURATION MANAGEMENT ORGANIZATION DEFINED PROCESS"

ECP #:

REV.

Change Classification Class I Class II FT

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