

RECORD OF CATEGORICAL EXCLUSION DETERMINATION

Project ID No.: WH-MM-1592

Title: Pipe Cavern WH-105 to the Sour Header

Description: This task consists of two parts:

1. The subcontractor shall provide all materials, labor, supervision, equipment, and transportation required to convert WH-105 from sweet crude oil service to both sweet and sour crude oil service. A new pipeline will be installed to connect Cavern 105 to the 30" sour pipeline WH-30-CO-10548-D located 10' directly South. This pipeline will replace the 16-inch" sweet oil pipeline WH-16_CO-0533-D, connected to Cavern 105, and allow interchangeability between sweet and sour oil movements.
2. West Hackberry brine tanks WHT-14 and WHT-15 accumulate crude oil. A floating pneumatic oil skimmer, pneumatic pump, and oil evacuation tank outfitted with cam-lock connections will be installed to remove these accumulations. Fixed rigid pneumatic airlines and piping will be installed on the outside of the brine tanks to power the skimmer and for skimmed oil to be pumped into the oil evacuation tank.

Regulatory Requirements National Environmental Policy Act (NEPA) Implementing Procedures (10 Code of Federal Regulations (CFR) 1021)

10 CFR 1021.410 (Application of Categorical Exclusions)

(a) The actions listed in Appendices A and B of Subpart D are classes of actions that Department of Energy (DOE) has determined do not individually or cumulatively have a significant effect on the human environment (categorical exclusions).

(b) To find that a proposal is categorically excluded, DOE shall determine the following:

- (1) The proposed action fits within a class of actions that is listed in Appendix A or B of Subpart D;
- (2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal; and
- (3) The proposal is not "connected" (40 CFR 1508.25(a)(1)) to other actions with potentially significant impact, is not related to other proposed actions with cumulatively significant impacts (40 CFR 1508.25(a)(2)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Appendix B (Categorical Exclusions Applicable to Specific Agency Actions)

The proposed action must not:

1. Threaten a violation of statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE and/or Executive Orders;
2. Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities;
3. Disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)-excluded petroleum and natural gas products that preexist in the environment such that would be uncontrolled or un-permitted releases;
4. Have the potential to cause significant impacts on environmentally sensitive resources, which includes (i) property (sites, buildings, structures, and objects) of historical, archeological, or architectural significance; (ii) federally-listed and state-listed threatened or endangered species or their habitat, federally-protected marine mammals and essential fish habitat and otherwise federally-protected species; (iii) floodplains and wetlands; (iv) federally and state designated areas (wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, wildlife refuges, scenic areas, and marine sanctuaries); (v) prime or unique farmland; (vi) special sources of water (sole-source aquifers, wellhead protection areas, and other vital water resources); and (vii) tundra, coral reefs, or rain forests); or
5. Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species.

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NEPA Preparer: Matthew Dubuc Creation Date: 07/19/2018

Environmental Analysis: (mark all environmental aspects that are applicable to this project)

Air Emissions	<input type="checkbox"/>	Environmental Monitoring	<input type="checkbox"/>	Fire	<input type="checkbox"/>
Green Procurement	<input type="checkbox"/>	Project Design	<input type="checkbox"/>	Waste	<input checked="" type="checkbox"/>
Spills/Releases	<input checked="" type="checkbox"/>	Cavern Integrity	<input type="checkbox"/>	Discharges	<input type="checkbox"/>
Energy Use	<input type="checkbox"/>	Natural Resource Preservation	<input type="checkbox"/>	Water Use	<input type="checkbox"/>
Transportation	<input type="checkbox"/>	Chemical Use/Selection	<input checked="" type="checkbox"/>	Public Involvement	<input type="checkbox"/>
Sustainable Building	<input type="checkbox"/>	Electronic Stewardship	<input type="checkbox"/>	Wetlands Permitting	<input type="checkbox"/>
Clean Water	<input type="checkbox"/>	Pollution Prevention	<input type="checkbox"/>		

Aspects/Requirements:

The task consists of converting Cavern 105 from sweet to sweet and sour crude oil service.

- Subcontractor must submit a Waste Management Plan to FFPO Environmental for review and approval prior to commencement of work.
- Subcontractor must only use products for the SPR Qualified Products List or submit SDSs to FFPO Environmental for review and approval prior to commencement of work.
- Subcontractor must take measures to minimize/eliminate oil spills

Categorical Exclusion (CX) Determination

NEPA review suggests this project is a Categorical Exclusion. This suggestion is based on review of the project description. If there are changes in the scope of this project additional NEPA review may be required.

CX to be applied:

B5.5

Construction and subsequent operation of short (generally less than 20 miles in length) pipeline segments conveying materials (such as air, brine, carbon dioxide, geothermal system fluids, hydrogen gas, natural gas, nitrogen gas, oil, produced water, steam and water) between existing facilities and existing receiving facilities (such facilities for use, reuse, transportation, storage and refining), provided that the pipeline segments are within previously disturbed or developed rights-of-way.

B1.3

Routine maintenance activities and custodial services for buildings, structures, rights-of-way, infrastructures (including, but not limited to, pathways, roads, and railroads), vehicles and equipment, and localized vegetation and pest control, during which operations may be suspended and resumed, provided that the activities would be conducted in a manner in accordance with applicable requirements. Custodial services are activities to preserve facility appearance, working conditions, and sanitation (such as cleaning, window washing, lawn mowing, trash collection, painting, and snow removal). Routine maintenance activities, corrective (that is, repair), preventive, and predictive, are required to maintain and preserve buildings, structures, infrastructures, and equipment in a condition suitable for a facility to be used for its designated purpose. Such maintenance may occur as a result of severe weather (such as hurricanes, floods, and tornados), wildfires, and other such events. Routine maintenance may result in replacement to the extent that replacement is in-kind and is not a substantial upgrade or improvement. In-kind replacement includes installation of new components to replace outmoded components, provided that the replacement does not result in a significant change in the expected useful life, design capacity, or function of the facility. Routine maintenance does not include replacement of a major component that significantly extends the originally intended useful life of a facility (for example, it does not include the replacement of a reactor vessel near the end of its useful life).

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NEPA Review Workflow

This NEPA document is being routed to the following persons or their backups for concurrence.

FFPO Environmental Concurrence: Bob Sevcik

SPR Derivative Classifier Concurrence: Jeff Dugar or Thomas Crosby

DOE Env. Safety & Health Director
Concurrence Joe Catyb

NEPA Approval

Based on my review of information conveyed to me and in my possession the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1) I have determined that the proposed action fits within the specified actions, the other regulatory requirements set forth above are met, and the action is hereby excluded from further NEPA review.

Approved By

DOE NEPA Compliance Officer

Stephen Reese

NEPA Review Summary

Created By:	Auger, Jennifer
Date NEPA Review Initiated:	7/19/2018
Type of NEPA Review:	Type B
Project ID Number:	PR 10105961
Title:	Fire Protection Engineer Contract
Workflow Status:	Approved

If Workflow Status is Rejected, see below for Reason:

Concurrence Details:

Sevcik, Bob 7/23/2018
FFPO Environmental Concurrence *Compliance Date*
(not required for Type A-DOE Only Record of NEPA Review or Type B-DOE Only Record of Categorical Exclusion Determination)

Crosby, Thomas 7/23/2018
SPR Derivative Classifier *Compliance Date*
(only required for Type B)

Catyb, Joseph 7/23/2018
DOE ES&H Director (or Acting) *Compliance Date*
(only required for Type B & Type A-DOE Only Record of NEPA Review)

Reese, Stephen 7/23/2018
DOE NEPA Compliance Officer (or Acting) *Compliance Date*

ALL SIGNATURES WERE CAPTURED VIA THE ELECTRONIC WORKFLOW SYSTEM.

Click on the following Link to view the associated NEPA Document:

https://myspr.spr.doe.gov/sites/sprworkflow/nepa/NEPA_Uploaded_Documents/Categorical_Exclusion_PR_10105961_Fire_Protection_E