

RECORD OF CATEGORICAL EXCLUSION DETERMINATION

Project ID No.: Brine Disposal Well Cleanout

Title: BDW Coil Tubing Cleanout

Description: Subcontractor shall perform a coil tubing cleanout of the West Hackberry SPR brine disposal wells. A coil tubing unit will be used to pump commingled nitrogen and brine to lift sand from WH BDW #1B, #1C and #2B. The coil tubing subcontractor Warrior Energy will provide a 1.5" coil tubing unit together with fluid and nitrogen pump units, coil tubing BOP, manlift, BHA, nitrogen transport, crane and crews according to the subcontract pricing sheet. No mats will be laid on location.

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.

NEPA Preparer: Matthew Dubuc

Creation Date: 04/08/2020

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

Air Emissions		Environmental Monitoring		Fire	
Green Procurement		Project Design		Waste	X
Spills/Releases	X	Cavern Integrity		Discharges	
Energy Use		Natural Resource Conservation		Water Use	
Transportation		Chemical Use/Selection	X	Public Involvement	
Sustainable Building		Electronic Stewardship		Wetlands Permitting	
Clean Water		Pollution Prevention			

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 A8

Award of contracts for technical support services, management and operation of a government-owned facility and personal services.

CX to be applied B5.12

Workover (operations to restore production, such as deepening, plugging back, pulling and resetting lines, and squeeze cementing) of existing wells (including, but not limited to, activities associated with brine, carbon dioxide, coalbed methane, gas hydrate, geothermal, natural gas, oil) to restore functionality, provided that workover operations are restricted to the existing wellpad and do not involve any new site preparation or earthwork that would have the potential to cause significant impacts on nearby habitats; that sit characterization has verified a low potential for seismicity, subsidence, and contamination of freshwater aquifers; and the actions are otherwise consistent with best practices and DOE protocols, including those that protect against uncontrolled releases of harmful materials.

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:	Dubuc, Matthew
Date NEPA Review Initiated:	4/9/2020
Type of NEPA Review:	Type B
Project ID Number:	Brine Disposal Well Cleanout
Title:	BDW Coil Tubing Cleanout
Workflow Status:	Approved

If Workflow Status is Rejected, see below for Reason:

Concurrence Details:

Auger, Jennifer 4/9/2020
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 4/9/2020
SPR Derivative Classifier Compliance Date
(only required for Type B)

Woods, Will 4/9/2020
DOE ES&H Director (or Acting) Compliance Date
(only required for Type B & Type A-DOE Only Record of NEPA Review)

Reese, Stephen 4/9/2020
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/NEPA_CX - WH BDW Cleanout.docx](https://myspr.spr.doe.gov/sites/sprworkflow/nepa/NEPA_Uploaded_Documents/NEPA_CX_-_WH_BDW_Cleanout.docx), NEPA Doc Link