

NEPA COMPLIANCE SURVEY

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Project Information			
Project Title:	Openhole Logging Well	Date:	2-8-2010
DOE Code:	6730-020-51135	Contractor Code:	TBD
Project Lead:	Brian Black		
Project Overview			
1. What are the environmental impacts?	This project will use the drilling rig and associated equipment to drill a well to 5400 feet that will be designated for Openhole logging. The environmental impacts include possible spills on location of drilling fluids or downhole fluids, minor excavation may be necessary in a pre-existing lined pit, and some earthwork to prepare the location for the drilling rig.		
2. What is the legal location?	This project will take place on the 61-2-TpX-10 well location (189' FNL, 1895' FEL Section 15, TWP38N, RNG 78W).		
3. What is the duration of the project?	This project is expected have a duration of 4 weeks (2 weeks of moving the rig, and 2 weeks of drilling, cleanup).		
4. What major equipment will be used if any (work over rig, drilling rig, etc.)?	A workover rig and the drilling rig will be used along with heavy moving equipment such as a semi tractor and trailer, dozer and backhoe, winch truck, skid steer, water truck etc.		

The table below is to be completed by the Project Lead and reviewed by the Environmental Specialist and the DOE NEPA Compliance Officer. NOTE: If Change of Scope occurs, Project Lead must submit a new NEPA Compliance Survey and contact the Technical Assurance Department.

	Impacts Anticipated?			If YES, then complete below
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Water Quality				
Does the proposed project present potential for impacts on water resources or water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the project affect surface water quantity or quality under both normal operations and accident conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the proposed project affect groundwater quantity or quality under both normal operations and accident conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the project area include "Waters of the State?"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the project area require a Corps of Engineers permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	Impacts Anticipated?			If YES, then complete below.
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Geology & Soils				
Does the proposed project present potential for impacts related to geology or soils?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the proposed project alter, excavate or otherwise disturb land area consistent with other land use and habitat area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There will be some minor dirt work to fill in a workover pit and smooth out the pre-existing location in preparation of moving the drilling rig.
Is the proposed project likely to impact local seismicity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If the project involved disturbance of surface soils, are erosion and storm water control measures addressed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Best Management Practices will be used to prevent soil erosion.
Air Quality				
Does the proposed action present potential for impacts on ambient air quality under both normal and accident conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are potential emissions (gases and/or airborne particulates including dust) outside of the normal scope for oil field operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the project present risk to human health and the environment from exposure to radiation and hazardous chemicals in emissions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A small risk of radiological exposure if we run openhole logging tools as part of this project. If this occurs, logging contractors will follow SOP HE.11005.0.
Is the project subject to New Source Performance Standards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is the project subject to National Emissions Standards for Hazardous Air Pollutants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is the project subject to emissions limitations in an Air Quality Control Region?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	Impacts Anticipated?			If YES, then complete below.
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Wildlife and Habitat				
Does the proposed action present potential for impacts on wildlife or habitat?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the project impact state or federally listed threatened and endangered species?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Human Health Effects				
Does the proposed project present potential for effects on human health? e.g.: Hanta virus, radiological exposure, or chemical exposure (must provide MSDS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If ThruBit runs openhole logs, there will be radioactive sources used. We have current SOPS and licenses from ThruBit. We will also have MSDS sheets for the mud chemicals used.
Transportation				
Does the proposed project involve transportation of radiological sources or hazardous materials (including explosives)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radiological sources may be used for openhole logging. Logging contractors will follow SOP HE.11005.00 on radioactive materials.
Waste Management and Waste Minimization				
Are pollution prevention and waste minimization practices needed in the proposed project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Best Management Practices will be followed to prevent erosion. Hazardous materials will be segregated and bermed.
Does project plan establish procedures in compliance with local, state and/or federal laws and guidelines affecting the generation, transportation, treatment, storage or disposal of hazardous and other wastes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A JSA will be performed prior to beginning of the work. SOPs will be reviewed for compliance to state and local regulations.

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		Impacts Anticipated?			If YES, then complete below.
Cultural Impact		Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Is there potential for impact on cultural (historic) resources?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This area was reviewed by an archeologist with no impact.
Community Impact		Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Will the proposed project introduce significantly adverse auditory, visual, or other impact?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the proposed project adversely affect the community's use of public land/resources?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the proposed project adversely affect the community's access to private land?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NOTE: Topography Map and Wetlands Map are required to be attached. Attach applicable SOPs for Risk Assessment Level 2 & 3 and specific test procedures.					
Are permits required? If YES, list below:				Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Section below to be reviewed by Environmental Specialist and DOE NCO.					
Adequate Mitigation Measures Provided?			Adequate Mitigation Measures Provided?		
	Yes	No		Yes	No
Water Quality Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Transportation Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air Quality Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Management Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Wildlife and Habitat Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cultural Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Geology and Soils Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Community Impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Human Health Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Categorical Exclusion	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Approvals					
Comments and Conditions:	B3.1 Site characterization/ environmental monitoring. B3.7 Siting, construction and operation of a new infill exploratory and experimental (test) oil, gas and geothermal well, which are to be drilled in geological formation that have operating wells.				
Contractor ESS&H	Teri North			Date : 2/10/2010	
Comments and Conditions:	Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1A), I have determined that the proposed action fits within the specified class of actions, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.				
DOE NEPA Compliance Officer				Date 2/10/10	

61-2-TpX-15 Openhole Logging Well Project



Legend

- Section Lines
- 61-2-TpX-15 Openhole Logging Well
- NPR-3 Wells

Wetlands

- Palustrine, Aquatic Bed (PAB)
- Palustrine, Emergent (PEM)

Openhole Logging Well Project			
Author: J Buehl	Project Manager: B Black		
GIS-Prj-6730.020.51135-1	Date: 02/02/2010	Rev Date:	
WY State Plane / East Central Zone / NAD27		Scale = 1:1,000	

0 100 200 400 Feet

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