

Title:	Control of Drilling Effluent Fluids	Safe Work Procedure	 <i>Partners on the Ground</i>
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Creation Date:	05/02/13		
Client:	All	Rig Number: All	Location: All

	Work Tasks / Job Steps <i>Describe the tasks / steps involved in the work – in sequence</i>	Hazards Identified for each Task / Step <i>Include relevant details about the energy where applicable and leave blank if there are none</i>	Control Measures / Safe Procedures for each Task / Step <i>Detail controls to be implemented, based on the hierarchy of control options</i> 1) Eliminate the hazard 3) Engineer a control 5) Use correct PPE 2) Substitute the hazard 4) Apply administrative controls	Risk Score <i>Use Risk Scorecard</i>
1	TAKE 5 >>>>Secure sludge pump in crate, or some sort of housing, and place it on ground near the proposed collar site.	Electrical shock, slips and falls,	Inspect pump and all electrical Cords, Ensure travelways are clear of ice, drilling fluid, and unobstructed.	
2	Drill casing down to bedrock, with sludge pump running to control water pooling during this process. See Drill Casing to Bed-Rock for SWP.	Entanglement, Pinch Areas, Slips and falls.	Ensure all guarding is functional and in place. Take 5 and make everyone aware of the pinch areas involved in task. Ensure travel ways are clear of ice, drilling fluid, and unobstructed.	
3	After casing is drilled in G-stopped and seated, place casing pot on top of casing and seal to the top of casing, to ensure no leaks. (perhaps using a rubber sleeve to seal off) Note: that in some cases it is necessary to go over top with the next largest size of casing to properly seal and contain return water.	Pinch Areas.	Take 5 and make everyone aware of potential pinch areas.	
4	After casing pot is on and sealed place your rubber sludge catching tub directly under the drain to catch all return water. Note: If there is any return water coming from around the outside of the casing, drilling is to STOP, and the casing is to be properly sealed.	Slips and Falls	Make sure you have good footing and all travel areas are clear and free of debris	
5	Place the sludge pump inside the tub and hook up a length of hose line, which will be directing the water to the sludge tanks.	Pinch Area, Slips and Falls	Make sure everyone is aware of the procedure and the pinch areas are identified Ensure travel ways are clear of ice, drilling fluid, and unobstructed.	
6	The water goes through the filtering tanks and the cuttings settle out into the bottom of the tanks. From there the cuttings are emptied into 5 gallon pails, and then dumped into mega bags. When the mega bags are full, they are to be removed and transported to the proper disposal site.	Slips and falls	Ensure travel ways are clear of ice, drilling fluid, and unobstructed.	
7	Have a pump in place on the clean water side of the filtration tanks to pump the water back to the holding tank in drill for re-use when drilling.	Electric shock, loss to production	Inspect all cords and pump before use for deficiencies.	