



**ENVIRONMENTAL INCIDENT REPORT - UPDATE GRAND CO WELL RELEASE**

<b>Report Taken By:</b>	Daniel Griffin		
<b>Date / Time Reported:</b>	5/21/2014 15:0		

**REPORTING PARTY DATES AND TIMES**

<b>Reporting Party:</b>	Dan Jarvis	<b>Title:</b>	
<b>Company:</b>	Division of Oil, Gas and Minig	<b>Phone:</b>	(801) 538-5338
<b>Date &amp; Time Discovered:</b>	5/21/2014 8:0		

**RESPONSIBLE PARTY**

<b>Name:</b>	SW Energy Corp	<b>Phone:</b>	(801) 532-6664
<b>Address:</b>			

**INCIDENT LOCATION**

<b>Incident Address:</b>	GOVT SMOOT 3		
<b>Nearest Town:</b>	GREEN RIVER	<b>County:</b>	EMERY
<b>Highway:</b>		<b>Mile Marker:</b>	
<b>UTM:</b>	(E) 581472 (N) 4296105	<b>Land Ownership:</b>	

**INCIDENT SUMMARY**

Dan Jarvis is reporting that there is a well out of control at location in Grand County. Bart Kettle with DOGM is on scene and estimates the flow between 75 and 100 bbls/hour. SW Energy is the PRP and has a crew on site working to repair the well. The suspected cause is a failed casing.

The Crude oil, produced water mix is flowing towards the Green River in a dry wash. DOGM is requesting a DE on site to look over this incident. Number was passed along to Dan Jarvis and he will contact him directly. I will also contact DE office.

Dave Cunningham will also contact Dave Ariotti regarding release. Dave Cunningham will notify local EMS through the Sheriff office.

Update: SW Energy is a company out of SLC, and according to DOGM records they have a contact number of 801-532-6664, with Richard Smoot as the primary. This is not confirmed. Local Resources

UPDATE 5/24/14 10:30: DOGM reports rain is washing the spilled oil into the Green River. On-site contractor says they do not have adequate resources to stop the spill.

**CHEMICAL(S) REPORTED**

	Production Water 90 Other: (Describe) barrels per hour being released
	Crude Oil 90 Other: (Describe) barrels per hour being released

**IMPACTED MEDIA**

	Media	Media Other	Land Use	Waterway Name	Near Water	Distance	NRC Rpt. #
	Soils	N/A	Federal Lands	N/A		N/A	N/A
	Sensitive Environment	N/A	Federal Lands	N/A		N/A	N/A
	Surface Water	N/A	Federal Lands	Green River	Near Surface Water	3 Miles	1083514
	Surface Water	N/A	Mixed Use	Green River	In Surface Water	N/A	1083790



Utah Department of Environmental Quality  
 Division of Environmental Response and Remediation  
 195 North 1950 West Salt Lake City, Utah 84116  
 Bus. Hours: 801-536-4100  
 Report Spills 24/7/365: 801-536-4123

Report Number 11822

NOTIFICATIONS MADE	Agency	Contact	Date	Time	By	Active?
	DEQ DE	David Ariotti	5/21/2014	15:35	Daniel Griffin	Active
	Southeast Utah HD	Dave Cunningham	5/21/2014	15:40	Daniel Griffin	Active
	EPA	Hayes Griswald	5/21/2014	16:00	Daniel gRiffin	
	EPA	Curtis Kimbel	5/21/2014	16:20	Daniel Griffin	
	DWQ	John Whitehead	5/21/2014	16:30	Daniel Griffin	
	NRC	Lottie Johnson	5/21/2014	14:00	Daniel griffin	
	EPA	Steve Merrit	5/21/2014	20:00	Hayes G	Active
	DEQ EDO	Donna Spangler	5/21/2014	16:30	Dale Urban	
	BLM	Jeff	5/22/2014	11:05	Dan Griffin	Active
	DOGM	Dan Jarvis	5/24/2014	10:30	nbt	Active
	NRC	NRC	5/24/2014	10:50	nbt	Active
	DWQ	John Whitehead	5/24/2014	10:45	Matt Garn	Active
	DERR	Brent Everett	5/24/2014	11:05	nbt	Active
	EPA	Hays Griswald	5/24/2014	11:15	nbt	Active
	BLM	Beth Ransel	5/27/2014	11:25	Dan Griffin	

ACTIONS TAKEN	Date	Agency	Action	Action Details
	6/6/2014	DEQ DE	Update	Grand County Oil Well Release (Incident #11822) I assisted David Ariotti with sample collection on the Green River on May 30th. See Dave's email updates/weekly reports for details and updates on this incident.

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	5/29/2014	DEQ DE	Update	<p>Custom Environmental Services was retained by SW Energy to clean up the release. CES has been on site since Friday May 23. The storm event on Saturday moved the original release into the Green River. Based upon observations made on May 21 and 22, the amount of product which was washed into the Green River was probably not significant. The containment dams at the well pad were not affected by the storm. All released product in the containment ponds was removed and properly disposed of at Danish Flats prior to the storm. There are now two underflow containment dams. One is at the well pad and another is located near the Green River. Hard booms have also been placed in the calm water at the confluence of the wash with the Green River. The clean up operation is proceeding without problems. Bart Kettle of DOGM and Clifford Giffen of the BLM are on site daily providing technical assistance and oversight. Contaminated soil and vegetation will be removed and disposed of at approved facilities. A temporary containment pad has been constructed to collect the contaminated soil and debris. The pad is properly lined and bermed. The majority of clean up in the immediate vicinity of the pad is complete. Crew will now focus on the drainage. Equipment will be used where the terrain allows. There are considerable portions of the drainage which are not accessible with equipment. These areas will be cleaned with hand labor crews.</p> <p>The initial actions taken by SW Energy to contain the release at the well pad greatly reduced the potential release to the Green River. Recommendations offered by initial response personnel, especially Bart Kettle of DOGM and Steve Merritt of EPA were followed.</p> <p>BLM will provide oversight of the clean up. Bart Kettle of DOGM will provide technical assistance. I see no need for daily inspections by DEQ. I plan on making weekly inspections until clean up is complete. I requested SW Energy provide weekly summaries of progress. These will be forwarded to myself through the BLM</p>
	5/27/2014	BLM	Update	<p>Beth gave a quick update over the phone. Reporting that the control structures that were in place on Friday evening were over come by that night storms. some oil was washed to the river, but not all. More structures were installed along wash Sunday nights storm did not result in a release of oil to the river, oil and water were contained in the control structures, underflows allowed water to run off and seperated out the oil.</p> <p>Soils at the pad site are being removed and staged in a contained area until disposal can be done. oil and water at the sites is being pumped and removed for disposal. cleanup in the wash is ongoing.</p> <p>Also, BLM has a web page dedicated to this spill on the filed office page. <a href="http://www.blm.gov/utah/moab/">www.blm.gov/utah/moab/</a> then there is a link to the Salt Wash Oil Spill. They are updating it daily, and have photos from site visits.</p> <p>New EPA OSC is Curtis Kimbel. Arrived Monday.</p>



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ACTIONS TAKEN	Date	Agency	Action	Action Details
	5/24/2014	DOGM	Misc (describe):	Rainstorm is washing spilled oil into the Green River. NRC was notified. Coordination with all involved agencies in being initiated once more.
	5/24/2014	EPA	Emergency Response action	EPA OSC Curtis Kimbel is responding to the site from Denver. Coordination was made with Jim Harris who is responding to the site with a sampling crew from the Division of Water Quality
	5/22/2014	DOGM	Update	Attempts to control flows during the night with heavy brine water failed. Currently 16 lb/gal mud is being moved to the site for an attempt to control flows mid day today. Fluids overwhelmed primary containment in the night, secondary containment is now full. Primary containment has been repaired but is filling quickly. Additional containment is being constructed at this time. Fluids have not reached the Green River at this time. It is still unknown how far from the well fluids have traveled but initial investigation on the ground have suggested up to a mile. Flows are still unknown but appear to be in the neighborhood of 100 bbls/hour with no signs of deceased flows. A run for basic supplies for personal who have been on site for extend time is being made. There is becoming a significant need for additional vac truck to manage fluids.
	5/22/2014	EPA	Update	PA arrived on site about 30 minutes ago and is working with DOGM and BLM to form some kind of hasty unified command, which will also be represented by DEQ, to formulate some contingency plans in case the mudding operation is unsuccessful and the well continues spewing. From my perspective at this point, the well operator appears ill equipped to address this issue with organic or contract resources, but we will continue working with them and the folks who've been on the ground overnight to do what we can. EPA has immediate access to the Oil Spill Liability Trust fund and contract resources that can be brought to bear on this incident. We are already in touch with our contractors to look into subcontracting with specialty oilfield service contractor support to shut in the well and secure the source if need be. Other objectives for today from EPA's perspective are to determine extent of migration down the drainage and identify a suitable location for construction of an underflow dam structure that is sized to handle rainfall events possible tomorrow or Saturday and prevent flow from reaching the Green River. More to follow.
	5/22/2014	DWQ	Update	Photos received from DOGM and Dave ariotti will be compiled and sent out in a simpler format for sharing in email With the next update.

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	5/22/2014	EPA	Update	Update for May 22, 2014 15:00 hrs, Now that the source has been secured (thankfully), efforts are underway to assess the impacts and inventory all pooled oil in the channel downgradient of the well pad. We are continuing to recover all spilled oil in temporary containment berms hastily constructed last night and this AM. Have requested the RP's contractor construct a more robust underflow structure below the berms to capture all oil in case of runoff/breach. Had a meeting with all involved to date on site and decided that, depending upon the amount of pooled oil downstream of the well site below the first structure, another structure may be built below all impacts, if possible. BLM is taking the lead in directing the cleanup at this point on impacts to their land and EPA will back out once the requested underflow structures are in place.
	5/21/2014	DEQ DE	Site Visit	Dave Ariotti visited the site with Bart Kettle from DOGM and walked the wash. They walked about 1 mile of wash but did not feel it had hit the river. The also got in touch with BLM and have passed along the name of an onsite BLM rep. Return Visit planned for tomorrow.
	5/21/2014	DWQ	Update	Steve Merrit is the EPA OSC on duty this week and is responding to the area tonight. Contact number is 303-775-7226
	5/21/2014	DEQ DE	Update	Phone coverage is bad at the well site. A plug on the well head piping failed sometime last night. The spill was contained in two ponds when I got there. They are pumping out of the ponds and holding in tanks near the site. Also taking some to Danish flats. The crew and equipment to kill the well arrived at 6 pm. I walked the wash with dogm Bart Kettle and blm Jeff brown for 1.5 miles. Estimate that is how far the spill traveled. Lots of exposed formation sandstone. Standing pools. Did not reach the green river per Bart kettle who observed the wash near the river. Flow should be stopped tonight. Will return tomorrow. Looks like a tough clean up
	5/21/2014	DOGM	Site Visit	Bart has been onsite most of the day. He has pictures. Dan Griffin will work to collect them into an easily viewed document to send with an update.