

Inspected Facilities

Facility ID: 454282 Type: LAND API Number: - Status: AC Insp. Status: EI

Facility ID: 455159 Type: SPILL OR API Number: - Status: AC Insp. Status: EI

Environmental

Waste Management:

Type	Management	Condition	GPS (Lat)	(Long)
Drill Cuttings	Land Application	Adequate		
Comment	Drilling fluids and cuttings application appear to have been corrected to prevent further runoff from designated land application site. Per onsite Operator personnel, site is now staffed continuously with permitter inspections to occur every 1.5 hours.			
Corrective Action				Date: _____

Spill/Remediation:

Comment:	Operator notified COGCC via phone on 5/23/2018 that recent storms had caused the offsite migration of drilling mud from the Krier 4 land application site. Operator stated that spill was discovered on 5/20/2018 after a thunderstorm and heavy rain. Operator submitted Form 19 Initial Spill/Release Report on 5/23/2018. Drilling fluid migrated approximately 4500 feet from the north end of the Krier 4 land application area and impacted oil and gas facilities operated by third parties including the Smith Energy Carlson 22-1 tank battery and a DCP compressor station. Drilling fluid flowed along the County Road 68 ditch and crossed County Road 91. Drilling fluid then impacted the DCP compressor station and continued to flow along the southside of County Road 68 before following topography to the southwest back into dryland wheat fields.		
Corrective Action:	This spill is being referred for enforcement for Rule 906.b. 907.d. and 1002.f. violations. Operator shall immediately continue or begin implementation of the following corrective actions. 1. Operator shall continue recovery of all free standing drilling fluid that has migrated offsite. 2. Operator shall incorporate all drilling fluid that remained onsite. 3. All dried drilling fluid must be removed from the Carlson 22-1 tank battery, the DCP Compressor station, the County Road 68 & 91 ditches and right-of-way. 4. Operator shall immediately implement stormwater control program to prevent any further migration of drilling waste from the boundaries of the approved Krier 4 Land Application Site. 5. To close the spill, Operator will be required to document that soil in the path of the spill from the origin to termination point complies with Table 910-1 Concentration Levels for BTEX, TPH-GRO, TPH-DRO, SAR, pH and EC. Confirmation soil samples area required along the flow path from the point of origin, on the Carlson 22-1 tank battery, along the County Road 68 and 91 ditches, on the DCP Compressor station, in the dryland fields west of County Road 91. 6. Operator shall consult with Surface Owner of wheat fields west of County Road 91 regarding remediation of drilling fluid spill in areas unauthorized for land application and report planned actions to COGCC using Form 19 Supplemental Reports. 7. Operator shall provide a map showing the extent of offsite drilling fluid migration. 8. Operator shall perform a detailed root cause for the offsite travel of drilling fluids and provide a detailed corrective action plan, including a stormwater control plan designed to withstand severe weather events. All soil sampling and corrective actions shall be reported using Form 19 Supplemental Reports.		Date: _____

Emission Control Burner (ECB): _____
Comment: _____
Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
401655492	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4476407
679700928	Google Earth Aerial Image	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4476404
679700930	Krier 4 Spill Inspection Photos 5-24-2018	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4476405