

Stormwater Inspection Report

Operator:	Laramie Energy, LLC
Project:	Horseshoe Canyon Project Area
Location:	Mesa 18-10E Pad
Date:	Monday, August 12, 2019
Weather:	Mostly Sunny, Light Wind, Hi 92°, Lo 55°



Type of Inspection Report	14-Day Routine	Monthly Routine	Post-Storm	Corrective Action	Winter Exclusion	Stabilization Complete	Site Review
				X			

Stormwater Compliance Questions		YES	NO	N/A
1	Any BMPs Fail or Require Maintenance?	X		
2	Any Issues Identified Requiring the Installation of Additional BMPs?	X		
3	Any Sediment or Other Pollutants Discharged Outside Project Boundaries?		X	
4	Any Sediment or Other Pollutants Discharged into Waters of the State?		X	
5	Any BMPs Repaired or Maintained?	X		
6	Any New BMPs Installed?	X		
7	Any New Portion of the Project Seeded or Mulched Since Last Inspection?		X	
8	Any New Portion of the Project Treated with Herbicide Since Last Inspection?		X	
9	Are Supplies and Materials Stored Properly?	X		
10	Any Hazardous Materials Spilled or Leaked?		X	
11	Are Vehicle Tracking Controls in Place and Functioning Properly?			X
12	Are Required Dust Control Measures in Place?			X
13	Any Deviation from the Minimum Inspection Schedule?		X	
14	Any Corrective Actions Taken to Prevent Future Violations?		X	

Comments / Descriptions / Explanations
<p>Work continued on the Mesa 18-10E pad to correct items listed in the 7/29/19 COGCC inspection (Document #696600402). The clean gravel previously stockpiled on location and 100 gallons of fresh water were applied to the pad entrance and the earthen berm that was installed yesterday. A skid steer was used to track in the material and provide additional compaction. This installation should address the issues referring to the pad entrance and tracking control. The rock apron identified as photos #13 thru #16 was replaced with a 6-inch flex pipe installation. 40 feet of flex pipe with a dissipator tee was install down the same route as the rock apron. This allowed the issue to be addressed without disturbing mature vegetation located in and around the rock apron. A shallow sediment trap was installed at the flex pipe inlet. A deeper, higher capacity trap was not installed due to the presence of hot lines in the immediate area. Areas list as being unstable were broadcast seeded with an approved BLM seed mix. Mulch, amenities, and tackifier are scheduled to be applied to these same areas tomorrow. The issue identified in photo #14 appears to be largely unaffiliated with the Mesa 18-10E pad. Although minor amounts of sediment has likely discharged in this area over time, the main bare areas appear to be associated with the installation of pipelines which are owned by other operators. There is a distinct size difference in brush where the pipelines enter the pad and the brush immediately to the west. This implies that the pipelines were most likely installed after the pad was constructed and what appears to be a sediment discharge is actually the remnants of pipeline fill material.</p>

Photo 1*Installing Flex Pipe Outlet***Photo 2***Flex Pipe Outlet Installed***Photo 3***Compacting Earthen Berm and Pad Entrance***Photo 4***Mesa 18-10E Pad Entrance Installed*

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system design to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name and Title of Inspector

Mark Carlson, Environmental Inspector

A handwritten signature in black ink that reads "Mark Carlson".

Certification Signature

8/12/19

Date of Signature