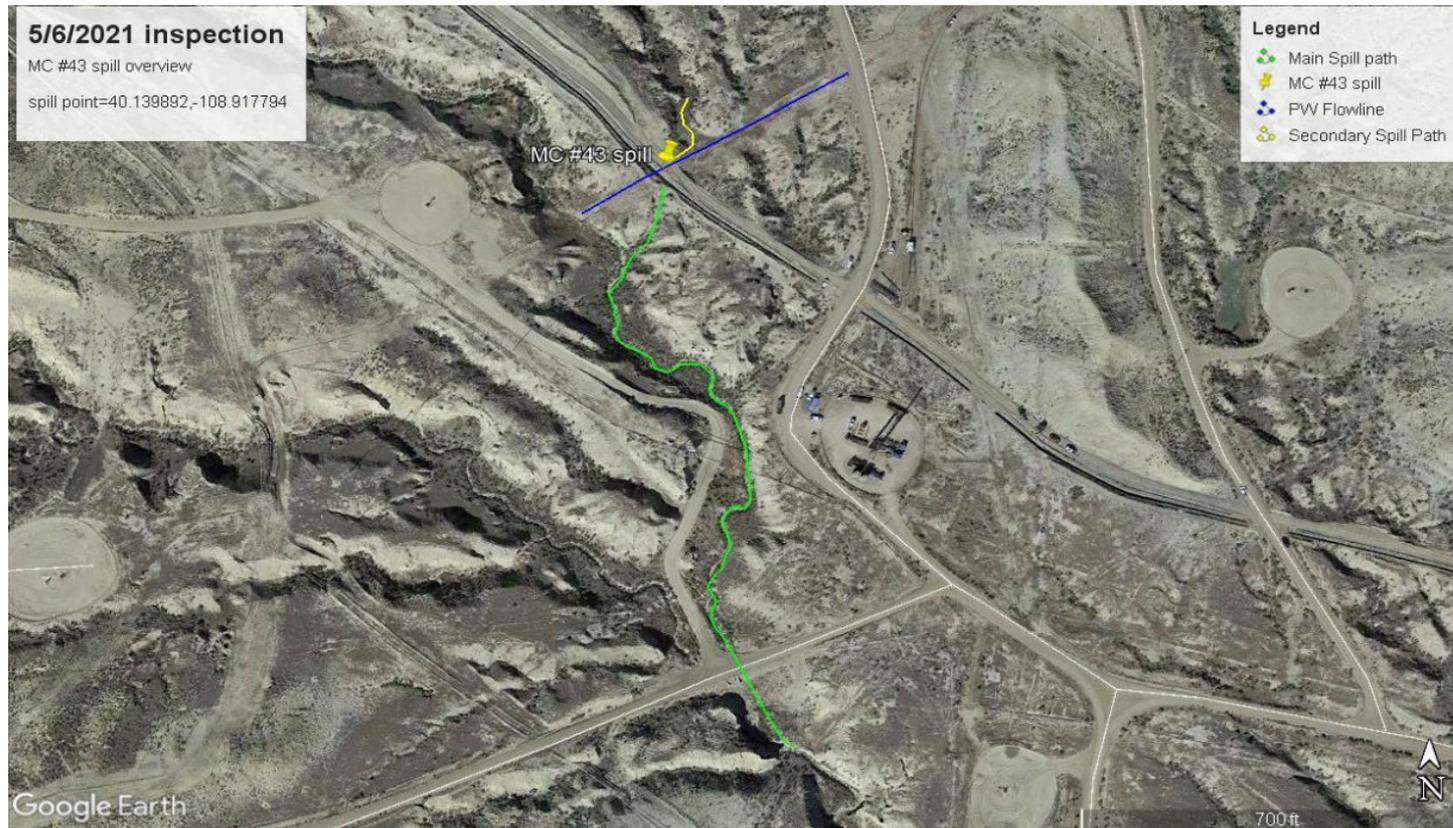


Figure #1

Inspection Photos
spill doc 402679961
Spill #479949

Inspection Date: 5/6/2021
All Photos taken by Kris Neidel



5/6/2021 inspection

MC #43 spill overview

spill point=40.139892,-108.917794

NOTE: green line near spill point is where spill went back under ground.



Figure #2





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #1 looking south west. Spill originated inside the orange fence. There is a valve box, flowline appeared to be ~7feet deep. Note the Two separate spill paths; the Main spill path flowed mostly south (left of photo), flowed approx. 1400ft. The Secondary spill path flowed to the north into an adjacent small basin, traveled approx. 170 feet.





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #2 close up of photo#1 It appeared that the spill day-lighted near the valve box, and split into two flow paths. Photo taken looking to the southwest.





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #3 looking south-southwest. It appeared that produced water found a pathway through what appeared to be a Reclamation area. There was a “Notice of Reclamation” Sign nearby, implying this area.
Note: BMP’s





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #4 same as #3





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #5 Looking to the Northeast vertical shadow to right of photo appears to be where spilled fluid day-lighted and made its way down grade.





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #6 Spill release point.





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #7 Spill path visible from release point (orange fence) is flowing to the North-northeast. This is the secondary flow path to the north.





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #8 Looking northeast, spill point to right of photo, fluid flow observable in center of photo.





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #9 Secondary spill path





Inspection Photos
spill doc 402679961
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Photo #10 Termination of secondary spill path, approx. 170 feet from spill discharge point.



Inspection Photos
spill doc 402679961
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Photo #11 Main spill path in drainage to South of spill point.





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #12 Along main spill path





Inspection Photos
spill doc 402679961
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Photo #13 Main spill path





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Photo #14 Main spill path





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Photo #15 Main spill path





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Photo #16 Main spill path



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Photo #17 Main spill path





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Photo #19 Main spill path





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Photo #20 ground adjacent to spill path





Inspection Photos
spill doc 402679961
Inspection Date: 5/6/2021
All Photos taken by Kris Neidel

Photo #21 spill path, it was not obvious why the soil was disturbed.

