

From: [Yu, Olivia, EMNRD](#)
To: ["Oster, Matt"; Tucker, Shelly](#)
Cc: [Hernandez, Christina, EMNRD](#)
Subject: RE: [EXTERNAL] Zia Hills Spill
Date: Thursday, November 8, 2018 2:50:00 PM

Mr. Oster:

Thank you for the update. Please keep in mind that the release volume is not <25 bbls as mentioned by Mr. Fejervay. The release volume was written as 60 bbls on the C-141 for 1RP-5235, which is a major release. The difference is how ConocoPhillips determined the release volume that exited the secondary containment and impacted off location.

Per 19.15.29 NMAC, site/release characterization must be completed before any remediation. Please ensure that the 19.15.29.11 requirements are met before conducting remediation and requesting closure. NMOCD recommends that a complete site assessment and release delineation for the entire release area (on and off location) be conducted and information submitted to NMOCD and BLM for review before proceeding with any requisite remediation for closure. Please be advised that BLM may have additional concerns or stipulations regarding remediation, restoration, and reclamation processes.

Thanks,
Olivia

From: Oster, Matt <Matthew.Oster@conocophillips.com>
Sent: Thursday, November 8, 2018 12:37 PM
To: Tucker, Shelly <stucker@blm.gov>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Subject: [EXT] FW: [EXTERNAL] Zia Hills Spill

Good afternoon,

The revised spill amount for the Zia Hills spill, Incident ID NOY1828934361, now estimates the off pad spill to be 17.11 bbls. If there are no objections we will move forward with the remediation as planned.

From: Fejervary Morena, Gustavo A
Sent: Thursday, November 08, 2018 7:54 AM
To: Oster, Matt <Matthew.Oster@conocophillips.com>
Cc: Spicer, Pete F <Pete.F.Spicer@conocophillips.com>
Subject: RE: [EXTERNAL] Zia Hills Spill

Considering that is still below 25 bbls (Major spill) I recommend only send Olivia an email correcting the volume. CC BLM on your email as well.

Ask them to confirm, you can proceed with remediation as approved.

Gustavo Fejervary

ConocoPhillips, GPBU Environmental Coordinator

3300 N A St. Midland Texas 79705

O: 432-688-9087, C: 432-210-7037, E: g.fejervary@cop.com

From: Oster, Matt

Sent: Thursday, November 8, 2018 7:51 AM

To: Fejervary Morena, Gustavo A <G.Fejervary@conocophillips.com>

Cc: Spicer, Pete F <Pete.F.Spicer@conocophillips.com>

Subject: RE: [EXTERNAL] Zia Hills Spill

Using the updated information in the spill calculator, it's showing the off pad spill as 17.11 bbls. The original reported amount off location was estimated to be 4.28 bbls, so almost a 13 bbl discrepancy.

Spill Volume Calculator

SPILL VOLUME CALCULATOR

Instructions:

1. Values in the light yellow cells are default. Users are advised not to change the default values.
2. Enter values for the green cells. Fractions of feet or inches need to be in decimals (example 1/2 is 0.5)
3. Use the Calculate Spill button to calculate or recalculate Spill Volume

Formula

Soil Porosity %	Soil Absorption %	ft3/BBL
25	100	5.61

Volume = ((Length of spill * Width of spill * Depth of spill * 0.25 * 1) / 5.61) + Free Fluid

Example: Spill Length = 20 feet
Spill Width = 10 feet
Spill Depth = 6 inches = 0.5 feet

Spill Volume = (20 * 10 * 0.5 * 0.25 * 1) / 5.61

Length	Width	Depth	Volume Recovered
192 Feet	4 Feet	6 Inches	0 BBL

Length
Width

Spill Area

Spill Depth

Calculate Spill

Spill Volume: 17.11 BBL

Reset All Close