

From: [Baker, Larry](#)
To: [Yu, Olivia, EMNRD](#); [Griswold, Jim, EMNRD](#)
Cc: [Hernandez, Christina, EMNRD](#)
Subject: [EXT] RE: Reportable Spill Notification
Date: Thursday, October 18, 2018 10:21:57 AM

Ms. Yu,

I didn't write the dimensions down from when I did the original calculations but I measured it at roughly 70 X 35 X 2 inches deep. I am going to utilize 0.33 as a constant to measure soil porosity for all my releases. Please let me know if you have any further questions. Thanks and have a good day.

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR

direct 575-393-7106 ext 1523 | *Cell* 432-631-6982

APACHE CORPORATION

2350 W. MARLAND BLVD
HOBBS, NM 88240

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From: Yu, Olivia, EMNRD [mailto:Olivia.Yu@state.nm.us]
Sent: Thursday, October 18, 2018 8:42 AM
To: Baker, Larry <Larry.Baker@apachecorp.com>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Cc: Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Subject: [EXTERNAL] RE: Reportable Spill Notification

Good morning Mr. Baker:

So, what are the dimensions of the release to give 487 ft3 and why 0.33 as the factor for soil porosity?

Thanks for your patience,
Olivia

From: Baker, Larry <Larry.Baker@apachecorp.com>
Sent: Tuesday, October 16, 2018 12:55 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Cc: Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Subject: [EXT] RE: Reportable Spill Notification

Ms. Yu,

487 is cubic feet multiplied by 7.48 = 1 gallon per cubic foot= 3,646 gallons/42 gallons in barrel=86 barrels multiplied by .33 soil porosity + 85 barrels recovered = 113 barrels total loss.

The reason for the discrepancy was I didn't multiply the soil porosity and gave the total amount the soil could obtain.

Please let me know if you have any further questions. Thanks

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From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]

Sent: Tuesday, October 16, 2018 1:33 PM

To: Baker, Larry <Larry.Baker@apachecorp.com>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>

Cc: Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>

Subject: [EXTERNAL] RE: Reportable Spill Notification

Mr. Baker:

Thank you for the release calculations. However, please identify the measurement values and include the units for each. Also, provide the rationale for the discrepancy between initial notification of release volume and the volume indicated on the C-141 form.

Please remember to include Christina Hernandez, the other Environmental Specialist in District 1, in all communications and report submittals.

The 1RP for this incident is

5237	10/16/2018	A	Apache	Big Kick battery	30-025- 36745	20S-38E- 13C	10/1/2018
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Please remember to include this 1RP identifier to all communications. Delineate and remediate per regulation. Mind the timelines for submittal of requisite information.

Please be advised that NMOCD recommends a completed site characterization/delineation report be reviewed or approved by NMOCD BEFORE any significant remediation work towards closure.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Baker, Larry <Larry.Baker@apachecorp.com>

Sent: Thursday, October 11, 2018 3:22 PM

To: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>

Subject: [EXT] FW: Reportable Spill Notification

All,

Attached is the initial C-141 for the Big Kick Battery that occurred on 10/01/2018. I made a calculation error on initially reporting the release. I have adjusted the volume on the C-141. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

BRUCE BAKER

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From: Baker, Larry

Sent: Tuesday, October 02, 2018 10:15 AM

To: 'Griswold, Jim, EMNRD' <Jim.Griswold@state.nm.us>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>

Subject: Reportable Spill Notification

All,

Yesterday 10/01/18 at 11:00 a.m. a release was discovered at the Big Kick Battery located in UL C Sec. 13 township 20S R38E. GPS coordinates: 32.57835 -103.10499. The cause of the release was a nipple corroded resulting in the loss of 150 barrels of produced water with 85 barrels recovered. The entire release was contained inside the secondary containment. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

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