

**From:** [Hernandez, Christina, EMNRD](#)  
**To:** ["Karrigan, Callie N. \(MRO\)": Yu, Olivia, EMNRD](#)  
**Cc:** [Heather Patterson](#)  
**Subject:** RE: Marathon Oil - Initial C141 - Abe Unit No. 2  
**Date:** Tuesday, September 11, 2018 8:01:00 AM  
**Attachments:** [1RP-5187.pdf](#)

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Dear Ms. Karrigan:

Notes:

- OGRID provided is not valid. The one for the well is used.
- NMOCD database indicates State surface and mineral ownerships. NMSLO can verify.

Please be advised that

1. Per 19.15.29.10 NMAC, a major release necessitates immediate notification to NMOCD Environmental Bureau chief, in addition to District office.
2. The initial portion of the C-141 form does not include the calculations to determine the release volume. Visual estimation is not sufficient nor adequate. Please submit measurements in volume estimation; including dimensions, soil parameters (porosity, texture, bulk density, etc), and dated, geo-referenced photo documentation verifying that the release has been stopped/contained.

The 1RP for this incident is

<b>5187</b>	9/10/2018	A	Marathon Oil	Abe Unit #2	30-025-34146	21S-33E-29H	9/2/2018
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Please remember to include this 1RP identifier to all communications. Revised NMAC 19.15.29 was effective on August 14, 2018. Delineate and remediate per regulation. Mind the timelines for submittal of requisite information.

Thanks,  
Christina Hernandez  
EMNRD-OCD  
Environmental Specialist  
1625 N. French Drive  
Hobbs, NM 88240  
575-393-6161 x111  
[Christina.Hernandez@state.nm.us](mailto:Christina.Hernandez@state.nm.us)

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.

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**From:** Karrigan, Callie N. (MRO) <cnkarrigan@marathonoil.com>  
**Sent:** Friday, September 7, 2018 11:03 AM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>  
**Cc:** Heather Patterson <heather.patterson@soudermiller.com>  
**Subject:** Marathon Oil - Initial C141 - Abe Unit No. 2

Good morning,

Please see the attached initial C141 as well as a survey of the affected area. We also changed the volume released to 200 bbl produced water, which was verified by production as the number of barrels that was transferred.

Callie

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**From:** Karrigan, Callie N. (MRO)  
**Sent:** Sunday, September 2, 2018 10:16 PM

**To:** 'Yu, Olivia, EMNRD' <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>; Hernandez, Christina, EMNRD <[Christina.Hernandez@state.nm.us](mailto:Christina.Hernandez@state.nm.us)>  
**Cc:** 'Heather Patterson' <[heather.patterson@soudermiller.com](mailto:heather.patterson@soudermiller.com)>  
**Subject:** Marathon Oil - 24 hour notification - Abe Unit No. 2/ Battle 34

Good evening,

At approximately 1:45 pm, Marathon received a third party notification that a flow line between the Abe Unit No. 2 and the Battle 34 was leaking. Upon further investigation, the pumper found the water transfer line had ruptured and released an estimated 50-100 barrels of produced water in the surrounding area of the line. The Pumper had previously began transferring water between the two locations. The cause of the release is under investigation. A vac truck was dispatched to recover standing fluids.

All standing liquids were recovered via vac truck by 5:30 pm. Additional initial response for recoverable materials will begin the morning of 9/3. The affected area of the release will also be surveyed on 9/3.

Please let me know if you have any questions.

*Callie Karrigan*

HES Professional – Environmental

Office: 575-297-0956

Cell: 405-202-1028

T21S-R33E

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GRID  
NAD-83  
NM East  
U.S. Feet

SCALE:  
1"=100'

Lat: 32.449731°  
Lon: -103.576178°

Lat: 32.449717°  
Lon: -103.576005°

Lat: 32.449127°  
Lon: -103.576394°

Produced Water  
Spill Site  
09/02/2018

Lat: 32.448653°  
Lon: -103.575544°

AS-BUILT SKETCH FOR  
MARATHON OIL

BATTLE 34 FEDERAL #4H  
PRODUCED WATER SPILL

SECTION 28  
TOWNSHIP 21 SOUTH - RANGE 33 EAST  
LEA COUNTY, NEW MEXICO

**NOTE:**

This sketch is intended for Marathon Oil Company purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.

This information was gathered with GPS RTK methods using OPUS Solutions.

AS-BUILT:	RH
DATE:	09/03/18
DRAWN:	CRW
DATE:	09/04/18
JOB#:	R3766.007
REV#:	Date





