

**From:** Patterson, Heather, EMNRD  
**To:** ["Lupe Carrasco"](#)  
**Subject:** RE: (Closure) Dry Land Shiner Federal #1 (30-015-32815)  
**Date:** Wednesday, November 25, 2015 10:57:00 AM  
**Attachments:** image001.png

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This closure request is approved.

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.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson  
Environmental Specialist  
NMOCD District II  
Office (575)748-1283 ext.101  
Cell (575)703-0228

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**From:** Lupe Carrasco [mailto:[GCarrasco@concho.com](mailto:GCarrasco@concho.com)]  
**Sent:** Wednesday, November 25, 2015 7:33 AM  
**To:** Patterson, Heather, EMNRD  
**Subject:** RE: (Closure) Dry Land Shiner Federal #1 (30-015-32815)

Let's try it again.

Thanks!

**Lupe Carrasco**  
Environmental Coordinator  
Concho Resources  
Cell: 575-725-0787  
Office: 575-748-6933  
[gcarrasco@concho.com](mailto:gcarrasco@concho.com)

1401 Commerce Drive  
Carlsbad, NM 88220



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notify the sender by return email and delete this email from your system. Thank you.

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**From:** Patterson, Heather, EMNRD [<mailto:Heather.Patterson@state.nm.us>]  
**Sent:** Wednesday, November 25, 2015 7:32 AM  
**To:** Lupe Carrasco  
**Subject:** [External] RE: (Closure) Dry Land Shiner Federal #1 (30-015-32815)

Lupe,

I didn't get the attachment.

Heather Patterson  
Environmental Specialist  
NMOCD District II  
Office (575)748-1283 ext.101  
Cell (575)703-0228

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**From:** Lupe Carrasco [<mailto:GCarrasco@concho.com>]  
**Sent:** Friday, November 13, 2015 1:27 PM  
**To:** Patterson, Heather, EMNRD  
**Cc:** Bratcher, Mike, EMNRD; Amanda Trujillo Davis  
**Subject:** RE: (Closure) Dry Land Shiner Federal #1 (30-015-32815)

Ms. Patterson,

Attached is the C-141 Final.

Thanks!

**Lupe Carrasco**

Environmental Coordinator  
Concho Resources  
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**From:** Patterson, Heather, EMNRD [<mailto:Heather.Patterson@state.nm.us>]  
**Sent:** Thursday, November 12, 2015 11:12 AM  
**To:** Lupe Carrasco  
**Cc:** Bratcher, Mike, EMNRD  
**Subject:** [External] RE: (Closure) Dry Land Shiner Federal #1 (30-015-32815)

\*\*\*\* External email. Use caution. \*\*\*\*

Lupe,

Please send the signed Final C-141 please.

Heather Patterson  
Environmental Specialist  
NMOCD District II  
Office (575)748-1283 ext.101  
Cell (575)703-0228

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**From:** Lupe Carrasco [<mailto:GCarrasco@concho.com>]  
**Sent:** Monday, November 09, 2015 10:42 AM  
**To:** Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD; Amos, James ([jamos@blm.gov](mailto:jamos@blm.gov)); 'stucker@blm.gov'  
**Cc:** Amanda Trujillo Davis; Dakota Neel  
**Subject:** RE: (Closure) Dry Land Shiner Federal #1 (30-015-32815)

Heather,

The final excavation depth obtained for the area labeled as S1 was approximately 3.5'. The area around the tanks was excavated to practical depths depending on rock and existing infrastructure and ranges between 4-8" in depth in some areas to a foot in other areas. Since the initial excavation, two applications of micro blaze were made throughout the entire release area with the sample taken at S1. I do not have any pictures of clean up efforts to date, but I can say that weeds are growing within the containment and will need to be addressed during backfill of the area. Please let me know if you have any further questions.

Thanks!

**Lupe Carrasco**  
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**From:** Patterson, Heather, EMNRD [<mailto:Heather.Patterson@state.nm.us>]  
**Sent:** Monday, October 26, 2015 11:35 AM  
**To:** Lupe Carrasco; Bratcher, Mike, EMNRD; Amos, James ([jamos@blm.gov](mailto:jamos@blm.gov)); 'stucker@blm.gov'  
**Cc:** Amanda Trujillo Davis; Dakota Neel; [agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)  
**Subject:** [External] RE: (Closure) Dry Land Shiner Federal #1 (30-015-32815)

Lupe,

I have a few questions about this report.

What were the final excavation depths that you achieved, and did you excavate around the other sides of the tanks as discussed on site? How many applications of micro blaze did you apply? Was this sample taken at S1 and were any other samples taken in other areas? And do you have any pictures of the final result of your clean up efforts?

Thank you,

Heather Patterson  
Environmental Specialist  
NMOCD District II  
Office (575)748-1283 ext.101  
Cell (575)703-0228

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**From:** Lupe Carrasco [<mailto:GCarrasco@concho.com>]  
**Sent:** Friday, October 23, 2015 8:50 AM  
**To:** Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; Amos, James ([jamos@blm.gov](mailto:jamos@blm.gov)); 'stucker@blm.gov'  
**Cc:** Amanda Trujillo Davis; Dakota Neel  
**Subject:** (Closure) Dry Land Shiner Federal #1 (30-015-32815)

Mr. Bratcher,

Attached for your consideration is a closure request for the Dry Land Shiner Federal #1 (30-015-32815). Please let me know if you have any questions or concerns.

Thanks!

**Lupe Carrasco**  
Environmental Coordinator  
Concho Resources

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**From:** Guadalupe Carrasco  
**Sent:** Thursday, August 28, 2014 2:36 PM  
**To:** [mike.bratcher@statenm.us](mailto:mike.bratcher@statenm.us); 'Heather.Patterson@state.nm.us'  
**Cc:** Amanda Trujillo; [james\\_amos@blm.gov](mailto:james_amos@blm.gov)  
**Subject:** (Site Visit) Dry Land Shiner Federal #1

Mike/Heather,

As per our site visit to the Dry Land Shiner Federal #1 on August 28, 2014, COG Operating LLC will excavate within the battery to practical depths depending on depth to rock and infrastructure. Once all excavation is done, Micro Blaze will be applied to the impacted area to promote breakdown of hydrocarbons. The excavation will be left open for a couple of months during which a second application of Micro Blaze will be applied. At the end of this period, the site will be re-evaluated for remediation progress. Please let me know if you have any questions.

Thanks!

**Lupe Carrasco**

Environmental Coordinator  
Concho Resources  
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