Bratcher, Mike, EMNRD

From: Weaver, Crystal, EMNRD

Sent: Monday, August 7, 2017 2:19 PM

To: Groves, Amber; Randall Hicks; Bratcher, Mike, EMNRD; Billings, Bradford, EMNRD

Cc: 'Gonzalez, Luis'; mike@rthicksconsult.com

Subject: RE: Clayton Williams - Jenna

Clayton Williams Energy * Jenna Com 1 * 2RP 1816 & 2RP-2458 * DOR: 7/19/13 & 8/17/14

Hello all,

It seems that Ms. Groves has requested an update for this on more than one occasion in this email thread, so now OCD will ask, may we please get an update on this multiple release site?

Thanks,

Crystal Weaver

Environmental Specialist OCD – Artesia District II 811 S. 1st Street Artesia, NM 88210

Office: 575-748-1283 ext. 101

Cell: 575-840-5963 Fax: 575-748-9720

From: Groves, Amber [mailto:agroves@slo.state.nm.us]

Sent: Tuesday, May 23, 2017 2:13 PM

To: Randall Hicks <r@rthicksconsult.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford,

EMNRD <Bradford.Billings@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

Cc: 'Gonzalez, Luis' <LGonzalez@claytonwilliams.com>; mike@rthicksconsult.com

Subject: RE: Clayton Williams - Jenna

Good Afternoon,

I don't seem to have an updated work plan for this location. Can I please get a status update?

Thank you,

Amber Groves

Remediation Specialist Field Operations Division (575)392-3697 (575)263-3209 cell



New Mexico State Land Office 2827 N. Dal Paso Suite 117 Hobbs, NM 88260

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From: Randall Hicks [mailto:r@rthicksconsult.com]

Sent: Tuesday, March 21, 2017 12:12 PM

To: Groves, Amber <agroves@slo.state.nm.us>; 'Bratcher, Mike, EMNRD' <mike.bratcher@state.nm.us>; 'Billings, Bradford, EMNRD' Bradford.Billings@state.nm.us; 'Weaver, Crystal, EMNRD' Crystal.Weaver@state.nm.us>

Cc: 'Gonzalez, Luis' < LGonzalez@claytonwilliams.com>; mike@rthicksconsult.com

Subject: RE: Clayton Williams - Jenna

Ms. Groves

A new remediation plan will be submitted to you and OCD in a week or less.

Randall Hicks

R.T. Hicks Consultants Cell: 505-238-9515 Office: 505-266-5004

From: Groves, Amber [mailto:agroves@slo.state.nm.us]

Sent: Wednesday, March 15, 2017 10:14 AM

To: Bratcher, Mike, EMNRD; r@rthicksconsult.com; Billings, Bradford, EMNRD; Weaver, Crystal, EMNRD

Cc: Gonzalez, Luis; mike@rthicksconsult.com **Subject:** RE: Clayton Williams - Jenna

Good Morning,

I am currently working on updating my files. Can I please get an update on the new work plan for this location?

Thank you,

Amber Groves

Remediation Specialist
Field Operations Division
(575)392-3697
(575)263-3209 cell
New Mexico State Land Office
2827 N. Dal Paso Suite 117
Hobbs, NM 88260



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From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]

Sent: Monday, August 22, 2016 12:56 PM

To: r@rthicksconsult.com; Patterson, Heather, EMNRD < Heather.Patterson@state.nm.us>; Billings, Bradford, EMNRD

< <u>Bradford.Billings@state.nm.us</u>>; Bayliss, Randolph, EMNRD < <u>Randolph.Bayliss@state.nm.us</u>>

Cc: Gonzalez, Luis < <u>LGonzalez@claytonwilliams.com</u>>; <u>mike@rthicksconsult.com</u>; Groves, Amber

<agroves@slo.state.nm.us>

Subject: RE: Clayton Williams - Jenna

RE: Clayton Williams Energy * Jenna Com 1 * 2RP 1816 & 2RP-2458 * DOR: 7/19/13 & 8/17/14

Randall,

Your proposal for remediation of the above referenced releases is <u>not</u> approved. OCD will not consider any type of flushing method in an area that falls in a mapped "High" cave/karst area. In addition, as discussed on site, protocol for collection of ground water for sampling was not followed, so the OCD does not accept the data from the 5/5/16 ground water sampling event.

Please provide an alternate method for remediation of this site.

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

Mike Bratcher NMOCD District 2 811 S. First Street Artesia, NM 88210 O: 575-748-1283 X108

C: 575-626-0857 F: 575-748-9720

From: Randall Hicks [mailto:r@rthicksconsult.com]

Sent: Sunday, July 17, 2016 7:35 AM

To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD

Cc: Gonzalez, Luis; mike@rthicksconsult.com

Subject: Clayton Williams - Jenna

Mike and Heather,

While the deep boring investigation confirmed our conclusions regarding the depth of penetration of salt and the depth to groundwater, the groundwater TDS surprised us.

The boring also documented what was observed in the nearby caliche pit - that the Rustler redbeds lie at a depth of about 20 feet below a Quaternary caliche/silt horizon.

Bottom line – the borings were necessary and should have been done earlier in the process.

Finally – I need to thank Mike Bratcher for suggesting that we grab a sample of groundwater. I was sure that the water would meet standards for protection – and I was wrong. Nearby abandoned supply wells permit a conclusion that water acceptable for stock exists somewhere at depth – but not in the uppermost groundwater zone. That groundwater in the uppermost zone is >10,000 mg/L TDS is really not consequential with respect to this remedy – but it is very good data to have and it provided me with a good lesson.

Randall Hicks R.T. Hicks Consultants Cell: 505-238-9515 Office: 505-266-5004

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