

Bratcher, Mike, EMNRD

From: Kristin Pope <kristin@rthicksconsult.com>
Sent: Monday, May 15, 2017 7:28 PM
To: Bratcher, Mike, EMNRD; Billings, Bradford, EMNRD
Cc: mike@rthicksconsult.com; 'Randall Hicks'; 'Michael Barrett'
Subject: RE: Lime Rock ASAU Trunk 2RP 3893`
Attachments: NoticeOfGwImpact_DRAFT.pdf

Mike and Brad,

Before we officially submit, we wanted you to look at the locations of the proposed MW-2 and MW-3 to see if they meet the expectations that you and Randy discussed last month. Regional data tell us that groundwater flows south-southeast here so we placed the southern well 50 ft from MW-1 in the general direction of flow. We also suspect that the draw may provide recharge from the north and add a more southerly component to the flow. The regional data shows a groundwater table slope of 0.0024 (20-foot drop/8237 feet SE vector). This means that we can expect a drop in the water table over a length of 50 feet along the flow path of only $50 \times 0.0024 = 0.12$ foot or 1.44 inches. Thus, the location and separation of these wells will help us to pin down an accurate gradient. We will get these surveyed and sampled quickly after installation.

Figure 2 of the attached draft shows the proposed locations of the 2 additional wells. Once we can agree on their locations, we will clean up figure 2 a bit and formally submit. Thanks for your help.

Kristin Pope
R.T. Hicks Consultants
Carlsbad Field Office
575.302.6755

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Thursday, May 11, 2017 4:35 PM
To: Michael Barrett (mbarrett@limerockresources.com)
Cc: mike@rthicksconsult.com; 'Jerry Smith'; 'Kristin Pope'; Randall Hicks; Billings, Bradford, EMNRD; Weaver, Crystal, EMNRD
Subject: RE: Lime Rock ASAU Trunk 2RP 3893`

RE: Lime Rock Resources * ASAU Trunk Line Release * **2RP-3893**

Mr. Barrett,

As we are now three months past the ground water sampling event for the above referenced release, OCD requests analytical data from that event, and, Lime Rock's proposal for moving forward on this project be submitted to OCD not later than 5/22/2017.

If you have any questions or concerns, please contact me, or Bradford Billings in the Santa Fe office.

Thank you,

Mike Bratcher
NMOCD District 2
811 South First Street

Artesia NM 88210
575-748-1283 Ext 108
mike.bratcher@state.nm.us

From: Randall Hicks [<mailto:r@rthicksconsult.com>]
Sent: Wednesday, February 8, 2017 10:16 AM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: mike@rthicksconsult.com; 'Michael Barrett' <mbarrett@limerockresources.com>; 'Jerry Smith' <JSmith@limerockresources.com>; 'Kristin Pope' <kristin@rthicksconsult.com>
Subject: FW: Lime Rock ASAU Trunk 2RP 3893`

Bradford and Mike

The attached was written on 1/10 and you should have received it on the 11th.
I have no record that the attachment left my email. The well is being installed today, which is how I realized I had no record of this going out.

I believe I faithfully recorded the conversation with Bradford with respect to responding to the denial of the initial workplan.

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