
From: Spry ORourk, Linda

Sent: Thursday, December 22, 2011 4:59 PM

To: Fischer, Alex; Scan, OGCC; 'briley@billbarrettcorp.com'; 'Doug Dennison'; 'Scott Ghan'

Subject: RE: Sundry for Kaufman 21A-24-692 API #05-045-19916

Scott G; Item 1 has been confirmed with Debbie, per our conversation.

Amber,

Please revise the COAs applied to sundry #2221560 as below.

1. Frac sand must be sampled for Table 910-1 constituents prior to removal from source pad

or, (due to the work schedule across the holidays), within two weeks after it is moved to temporary storage pad.

Submit results of sampling to COGCC via Sundry Form 4 referencing #2221560. If frac sand is sampled post-treatment, the results of the sample from first treated batch, in conjunction with documentation showing that each batch of

frac sand was treated using the same method prior to transport to the temporary pad, will be accepted instead of the post-movement composite sampling proposed by BBC.

2. Naturally occurring radioactive material (NORM) sampling is *requested on the frac sand. If BBC does not sample for NORM, COGCC requests that BBC coordinate with COGCC so COGCC can collect a NORM sample for analysis. If BBC samples for NORM, results of NORM sampling shall be submitted to COGCC via Sundry Form 4, referencing Sundry #2221560 within 4 weeks of receipt of laboratory data.* Results of NORM sampling may alter the management requirements for the frac sand.

3. Frac sand storage on pad (location ID # 335442) is approved until April 19, 2012. ~~A waste management plan documenting how the frac sand will be managed, A site diagram including stormwater controls for frac sand storage area, is required as a supplement to the waste management plan described in this sundry within 15 days.~~

4. An update to the waste management plan is required 30 days from the date of frac sand removal, documenting final disposition of frac sand.

~~Results of the final sand washing (described in Sundry Item #4) shall be submitted as part of the waste management plan~~

~~4. If radioactive tracers were used in the fracturing process, additional sampling may be required. Provide written documentation regarding the use of radioactive tracers during fracturing.~~

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Thanks.

Linda Spry O'Rourke
Environmental Protection Specialist, Northwest Region
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From: Spry ORourke, Linda
Sent: Monday, December 19, 2011 9:20 AM
To: Fischer, Alex; Scan, OGCC; 'briley@billbarrettcorp.com'; 'Doug Dennison'; 'Scott Ghan'
Subject: RE: Sundry for Kaufman 21A-24-692 API #05-045-19916

Amber,

Please approve the sundry #2221560 with the following conditions of approval.

1. Frac sand must be sampled for Table 910-1 constituents prior to removal from source pad or immediately after it is moved to temporary storage pad. Submit results of sampling to COGCC via Sundry Form 4 referencing #2221560. This requirement is in addition to the sampling proposed by BBC.
2. Naturally occurring radioactive material (NORM) sampling is required on the frac sand. Results of NORM sampling must be submitted to COGCC via Sundry Form 4 within 2 weeks of receipt of laboratory data. Results of NORM sampling may alter the management requirements for the frac sand.
3. Frac sand storage on pad (location ID # 335442) is approved until April 19, 2012. A waste management plan documenting how the frac sand will be managed, including stormwater controls, is required within 15 days. An update to the waste management plan is required 30 days from the date of frac sand removal, documenting final disposition of frac sand. Results of the final sand washing (described in Sundry Item #4) shall be submitted as part of the waste management plan
4. If radioactive tracers were used in the fracing process, additional sampling may be required. Provide written documentation regarding the use of radioactive tracers during fracing.

Thanks.

Linda Spry O'Rourke
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From: Fischer, Alex
Sent: Friday, December 16, 2011 7:04 AM
To: Scan, OGCC; Spry ORourke, Linda; 'briley@billbarrettcorp.com'
Subject: FW: Sundry for Kaufman 21A-24-692 API #05-045-19916

Amber...sorry, this is a replacement for the Sundry you just data entered. Yes, the location is 418772.

Linda...please review and if there is additional information, either COA or contact Brady or Doug D.

Thanks

Alex

DOC #2221560

I assume the Location is 418772. ?

From: Brady Riley [<mailto:briley@billbarrettcorp.com>]
Sent: Thursday, December 15, 2011 2:56 PM
To: Kubeczko, Dave; Fischer, Alex
Cc: Spry ORourke, Linda
Subject: RE: Sundry for Kaufman 21A-24-692 API #05-045-19916

Dave, Alex and Linda,

Attached is, hopefully, a revised sundry and answers questions discussed earlier today.

Please let me know what else you would like to have answered.

Thanks so much,

Brady Riley

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Bill Barrett Corporation

From: Kubeczko, Dave [<mailto:Dave.Kubeczko@state.co.us>]
Sent: Thursday, December 15, 2011 2:16 PM
To: Scan, OGCC; Spry ORourke, Linda
Cc: Fischer, Alex; Kubeczko, Dave; Brady Riley
Subject: FW: Sundry for Kaufman 21A-24-692 API #05-045-19916

Amber....please date enter, assign to Linda, Leave as IN PROCESS, and upload to Location and API.

Linda...Please review ASAP.

David A. Kubeczko, PG
Oil and Gas Location Assessment Specialist

Colorado Oil & Gas Conservation Commission
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dave.kubeczko@state.co.us



 *Please consider the environment before printing this e-mail*

From: Westerdale, Barbara
Sent: Thursday, December 15, 2011 1:27 PM
To: Kubeczko, Dave
Subject: FW: Sundry for Kaufman 21A-24-692 API #05-045-19916

Dave,

As we discussed on the phone, here's the sundry from Barrett for relocation of frac sand to another pad temporarily.

Thanks,

Barbara Westerdale
Permit/Completion Technician
Colorado Oil and Gas Conservation Commission
Phone: (303)-894-2100 ext. 5159
FAX: (303)-894-2105
E-mail: barbara.westerdale@state.co.us

From: Brady Riley [<mailto:briley@billbarrettcorp.com>]
Sent: Thursday, December 15, 2011 12:14 PM
To: Westerdale, Barbara
Subject: Sundry for Kaufman 21A-24-692 API #05-045-19916

Barbara,

I left you a message today during lunch in regard to the attached sundry

concerning the relocation of frac sand for this pad (Kaufman #6).

Because of the pad size, BBC is requesting permission to temporarily relocate the sand to another pad located in Section 23 for approximately 4-5 months. Once the operations are completed, we will move the flowback sand back to the Kaufman 6 pad and manage it in accordance to the proper regulations. Please see the attached sundry for additional information.

The “approximate start date” noted on the sundry is when completions is scheduled to be wrapped up on this pad.

I am not sure if you are the appropriate person to be dealing with this sundry, so please let me know as soon as possible if you are not the correct contact and who might be better suited to review this sundry.

Thanks much and please contact me with any questions.

Brady Riley

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