

**From:** [Mikah Thomas](#)  
**To:** [Bustamante, Amalia, EMNRD](#)  
**Cc:** [Mikah Thomas](#)  
**Subject:** [EXT] RE: Emailing: 3001526283\_08\_20\_2020\_C-104 RC.pdf, 3001526283\_04\_01\_2019\_3160-4 COMP RPRT.pdf  
**Date:** Thursday, September 17, 2020 3:06:54 PM  
**Attachments:** [Osage 34-16 Form 3160-5 Approved.pdf](#)  
[Osage 34-16 NMOCD C-102 Submitted.pdf](#)  
[Osage Federal 34-16 C-104 Signed.pdf](#)  
[Osage 34-16 BLM Form 3160-004 Recompletion Report 09.17.2020 Signed.pdf](#)

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Hi Amalia, what is attached is all the BLM was able to give me.

I know there is missing paperwork, that's what we have been working through together for months.

What you attached on your email is what you sent me back in the beginning of this and you and I sat on the phone for hours going over this. I was able to find the verbiage without the question marks and you said that was going to work for you. You told me that part of this was done and clear, what changed now? Why are we going back to the beginning?

We talked about the Deviation survey, you have it marked that I need to get that to you. How do I do that?? You said this was good because you understood there was no way for me to do this.

I sent the 3160-004 to the BLM for approval. I'll submit back to you when I get it.

Does this now suffice for you to get this taken care of aside from the above mentioned form I'm waiting on?

Thank you!

**Mikah Thomas | Colgate Energy**  
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Email: [mthomas@colgateenergy.com](mailto:mthomas@colgateenergy.com)

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**From:** Bustamante, Amalia, EMNRD <Amalia.Bustamante@state.nm.us>  
**Sent:** Thursday, September 10, 2020 7:18 PM  
**To:** Mikah Thomas <MThomas@colgateenergy.com>  
**Subject:** [EXTERNAL] RE: Emailing: 3001526283\_08\_20\_2020\_C-104 RC.pdf, 3001526283\_04\_01\_2019\_3160-4 COMP RPRT.pdf

**\*\*\* Attention: This is an external email, use caution. \*\*\***

Hi Mikah,

*Attached are forms that require revisions and I have questions as well.*

*Apparently there is missing paperwork in the well files regarding the Plugged Zone and for the new pool/formation that was set up for #49625 PARKWAY;DELAWARE made effective 7/19/2017. Do you by chance have a copy of the Approved Sundry Notice with the current C-102 proving the new pool/formation? Please send me a copy of that information (I hope you have them ). It was changed here in our system except, I don't see the documentation in the well files.*

*The C-104 is a recompletion, I do need a record cleanup Sundry Notice to reflect as per NMAC Rules. In the Sundry Timeline I've shared with you in the past is shown below regarding recompletion sundry notices. Please seek approval from BLM of the RECORD CLEAN UP 3160-5, once received send our office a copy for the well files online. The attachment above is the approved 'OTHER' type 10/23/2017 I need the revisions.*

**Form CI03 RECOMPLETION SUNDRY**

*A recompletion work done on a well after initial completion and production, and directly affects the well's original status. This could result by adding pay to the original zone; **zone abandoning the original zone and recompleting to another zone;** completing an additional zone and downhole commingling with the existing zone(s), or completing an additional*

zone and producing as a multiple completion. **Form C102 (plat) is required for additional pools not already on file.**

**Form C 103 with a summary of operations outlining work done and the manner in which such work was performed; the size and depth of shots; the quantity of crude, chemical or other materials employed in the operation, and any other pertinent information, per Rule 19.15.7.14.H. It is critical that the date of the work is reported,** as that date will be reflected as the status change date and should complement C-115 reporting.

**If a 24-hour potential test is not available in a new pool, the C-104 may be submitted without this information provided a follow-up C-103 w/test results is subsequently filed. In the event of downhole commingling, the production tests should reflect allocations as set forth in the downhole commingle order for each pool, and a separate C-104 should be provided for each pool.**

**EXAMPLE (add pay):**

1-1-1900 MI RU PU. RIH w/RBP, set @ 4750'. Tested plug 1500# 15 min – good test. Perf 4600-4621' w/2 JSPF. A/perfs w/1000 gals 15% acid. POH w/RBP. Producing interval 4600-4831'.  
1-2-1900 TIH w/2-3/8 J-55 4.7# tbg, set @ 4760'. RD. Turned well back to production.

**EXAMPLE (recompletion):**

1-15-1900 MIRU.  
1-16-1900 TIH. SET 4.5 CIBP @ 1350'. Tsted to 550 psi; held. Zone abandoned Dakota formation. Ran Integrity log & CBL to PBDT 1350'. Perf FC 1300-1330' w/2 JSPF.  
1-17-1900 TIH w/pkr, set @ 1271'. Pressure test lines to 4000 psi. Frac w/500 gals 15% HCL & flushed w/8 bbls 2% KCL. Unseat pkr; TOH. Ran 2-3/8", J-55 4.7# tbg, set @ 1320'. RDMO. Well producing as single from MV 1-17-1900.

**Form C105 WELL COMPLETION OR RECOMPLETION REPORT**

**Within 45 days following the completion or recompletion of any well, the operator shall file form C-105. It should be accompanied by a summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of electrical and radio-activity logs run should be filed.**

In the case of a dry hole, a complete record of the well on form C105 with the above requirements shall accompany the **notice of intent to plug the well, unless previously filed.** The plugging report will not be approved nor the bond released until this report is submitted. (NMOCD Rule [19.15.7.16](#))

NOTE: When completing the section for the listing of the formation tops, measured depths should be recorded, and formations above and below the producing interval should be included.

**DEVIATION I DIRECTIONAL SURVEY**

**Any vertical or deviated well which is drilled or deepened shall be tested at reasonably frequent intervals to determine the deviation from the vertical. Such tests shall be made at least once each 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized should be file with, or prior to, Form CI 04.**

When the deviation averages more than five degrees in any 500-foot interval, the operator shall include the calculations of the maximum possible horizontal displacement of the hole. When the maximum possible horizontal displacement exceeds the distance to the nearest outer boundary line of the appropriate unit, the operator shall run a directional survey to establish the location of the producing interval(s). (NMOCD Rule [19.15.16.14](#))

Wells air-drilled below Intermediate TD require a deviation survey at TD. After review, OCD may require a bottom hole position survey to determine standard or non-standard bottom hole location.

Unfortunately, I had to deny the amended report C-104 RC currently in the well files online. I've attached it to this email for your revisions. So again, I do need all the request to show for Colgate since you all did take the lease 10/2016.

*The sooner the better in order to remove this lease off from the noncompliance list of wells producing without an approved C-104.*

*Thanks,*

**Amalia Bustamante**

EMNRD-NMOCD-ARTESIA  
(575) 748-1283.X113

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**From:** Bustamante, Amalia, EMNRD

**Sent:** Friday, August 21, 2020 4:50 PM

**To:** Mikah Thomas <[MThomas@colgateenergy.com](mailto:MThomas@colgateenergy.com)>

**Subject:** Emailing: 3001526283\_08\_20\_2020\_C-104 RC.pdf, 3001526283\_04\_01\_2019\_3160-4 COMP RPRT.pdf

Hi Mikah,

I tried over and over to work with what I have. I'm really do need a C-102 AS DRILLED PLAT to justify the pool. The Operator name can be Colgate since you all do not have an original copy from SM Energy. It does not need to be certified from a surveyor.

The C-104 and Completion report I've attached above should have matching details.

Have a great weekend.

Thanks,

*Amalia Bustamante*

EMNRD-OCD-DIST. II  
(575) 748-1283.X113

Your message is ready to be sent with the following file or link attachments:

3001526283\_08\_20\_2020\_C-104 RC.pdf  
3001526283\_04\_01\_2019\_3160-4 COMP RPRT.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.