

## McClure, Dean, EMNRD

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**From:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Sent:** Friday, July 17, 2020 12:44 PM  
**To:** McClure, Dean, EMNRD  
**Cc:** Priscilla Shorty; Mandi Walker  
**Subject:** [EXT] RE: [EXTERNAL] FW: Downhole Commingle Application for the State Com M 10  
**Attachments:** Horton 2 GQ\_02012020.pdf; CP160496.pdf; Harrison 5 GQ\_05012020.pdf

Good afternoon Dean,

Representative BTU (by formation):

PC: 1100 BTU/cu.ft.

- Horton 2 - 3004521285

MV: 1100 BTU/cu.ft.

- State COM M 10 - 3004534025

DK: 1000 BTU/cu.ft.

- Harrison 5 - 3004530477

\*Based on attached sample values.

Thanks,  
Rustin

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**From:** McClure, Dean, EMNRD [<mailto:Dean.McClure@state.nm.us>]  
**Sent:** Monday, July 13, 2020 5:08 PM  
**To:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Cc:** Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] FW: Downhole Commingle Application for the State Com M 10

Hello Rustin,

I need the estimated BTU values which you feel to be representative of the formations in this well, but the sample from which those values are obtained does not need to come from the State Com M 10.

For instance, provided you feel they are representative, you could provide gas samples from the following wells:  
30-045-30477 for a Dakota sample  
30-045-21285 for a Pictured Cliff sample

These wells were only picked as examples; if you have a well which is likely to be more representative, please use that one instead.

Dean McClure  
Petroleum Specialist A, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 476-3471

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**From:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Sent:** Monday, July 13, 2020 3:31 PM  
**To:** McClure, Dean, EMNRD <[Dean.McClure@state.nm.us](mailto:Dean.McClure@state.nm.us)>

**Cc:** Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>

**Subject:** [EXT] RE: [EXTERNAL] FW: Downhole Commingle Application for the State Com M 10

Good afternoon Dean,

Regarding your inquiry on Hilcorp's Downhole Commingle Application for the State Com M 10, I have attached (2) gas analyses. BTU content can be found on each test.

Attachment:

CP160496 – Gas analysis sampled 9/7/2016 for the **Mesaverde** interval. The sample was taken prior to the MV-DK isolation plug drill out.

CP160498 – Gas analysis sampled 9/8/2016 of the **commingled MV-DK**. The sample was taken after MV-DK isolation plug drill out.

We do not have any records of a *DK only* gas analysis at the time of initial completion: 12/2008. Please let me know if these tests and BTU content values are not sufficient.

Thank you,

**Rustin Mikeska**

SJN – Reservoir Engineer

Cell: (254) 913-6777

Office: (713) 289-2931

[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)



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**From:** Priscilla Shorty

**Sent:** Monday, July 6, 2020 7:15 AM

**To:** Bryan Richards <[brichards@hilcorp.com](mailto:brichards@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; John Brown <[jbrown@hilcorp.com](mailto:jbrown@hilcorp.com)>; Lisa Helper <[lhelper@hilcorp.com](mailto:lhelper@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Michael Wissing <[mwissing@hilcorp.com](mailto:mwissing@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>; Scott Anderson <[sanderson@hilcorp.com](mailto:sanderson@hilcorp.com)>; JP Knox <[jknox@hilcorp.com](mailto:jknox@hilcorp.com)>

**Subject:** RE: [EXTERNAL] FW: Downhole Commingle Application for the State Com M 10

Please see Dean McClure's email below regarding BTU values for the State Com M 10. Who will be handling this project since Alex is no longer on the team?

I have attached the C107A application for reference.

Note that Dean's email address is below, if you would to respond to him directly. Please include Mandi and I in the email.

Thank you,

*Priscilla A. Shorty*

San Juan North Regulatory Technician  
**Hilcorp Energy Company**  
505-324-5188  
[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)

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**From:** McClure, Dean, EMNRD [<mailto:Dean.McClure@state.nm.us>]  
**Sent:** Wednesday, July 1, 2020 1:54 PM  
**To:** Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>  
**Subject:** [EXTERNAL] FW: Downhole Commingle Application for the State Com M 10

Hello Ms. Shorty,

I am forwarding this to confirm who I should be in contact with in regards to these applications.

Dean McClure  
Petroleum Specialist A, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 476-3471

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**From:** McClure, Dean, EMNRD  
**Sent:** Wednesday, June 24, 2020 4:36 PM  
**To:** [tjacque@hilcorp.com](mailto:tjacque@hilcorp.com)  
**Subject:** Downhole Commingle Application for the State Com M 10

Hello Mr. Jacques,

I am reviewing the downhole commingle application (DHC-5057) for the State Com M 10 (30-045-34025) operated by Hilcorp Energy Company.

Please submit BTU values which are representative of each of the formations in this well.

Dean McClure  
Petroleum Specialist A, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 476-3471

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