

Attachment #1 – Current Wellbore Diagram

**Crestone Peak Resources**

**Well** : Murata 24-19  
**Field** : Wattenberg  
**County** : Weld **State** : Colorado  
**Surface** : Lat: 40.11787 Long: -104.822008  
: 560' FSL, 2180' FWL, SESW Sec 19-T2N-R66W  
**API #** : 05-123-20601  
**Grd Elev** : 4885' GL 4901' KB

Log Tops:

Sussex 4352'  
Niobrara 7114'  
Codell 7405'  
J-Sand 7849'

**Well History:**

Spud 11/25/2001  
TD 12/03/2001  
Completion 04/06/2002

8-5/8" 24# Surface Casing  
set @ 680', cmt'd w/ 275 sx  
to surface

DV Tool @ 4888'  
Cmt w/ 215 sx  
TOC 3750'  
CBL 02/20/2002

2-3/8" tbg landed @ 7848'

**J Sand Perfs**

7858'-7896', 128 holes  
Frac'd with 551,620# sand,  
160,000 gal frac fluid

4-1/2" 11.6# production casing set @  
7997'. Cmt w/ 252 sx, TOC 6602'  
CBL 02/20/2002

**PB TD 7948' MD**  
**TD 7997' MD**

Drawn by:  
Cole Carveth

Date:  
05/02/2018

## Attachment #2 – Proposed Plugged Wellbore Diagram

## Crestone Peak Resources

**Well** : Murata 24-19

**Field** : Wattenberg

**County** : Weld                      **State** : Colorado

**Surface** : Lat: 40.11787              Long: -104.822008

              : 560' FSL, 2180' FWL, SESW Sec 19-T2N-R66W

**API #** : 05-123-20601

**Grd Elev** : 4885' GL 4901' KB

**Well History:**

Spud	11/25/2001
TD	12/03/2001
Completion	04/06/2002

Log Tops:

Sussex	4352'
Niobrara	7114'
Codell	7405'
J-Sand	7849'

The diagram is a vertical cross-section of a wellbore. At the top is a wellhead. Below it is a section of 8-5/8" 24# surface casing, indicated by a stippled pattern. This is followed by a 65 sx balanced plug. Below the plug is another section of 4-1/2" casing, also stippled. This is followed by a 75 sx balanced plug. Below that is a section of 4-1/2" casing, stippled. This is followed by a 50 sx balanced plug. Below that is a section of 4-1/2" casing, stippled. This is followed by a section of 4-1/2" 11.6# production casing, stippled. At the bottom is a section of 4-1/2" 11.6# production casing, stippled. The wellbore is labeled with various depths and completion details.

CIBP set @ 80' w/ 20 sx cement to surface

65 sx balanced plug ~475' - 730'

75 sx balanced plug 1,742' - 2,000'  
4-1/2" casing cut at 2,000'

50 sx balanced plug ~4300'-4950'

CIBP set @ 7050' w/ 2 sx cement

CIBP set @ 7800' w/ 2 sx cement

**J Sand Perfs**  
7858'-7896', 128 holes  
Frac'd with 551,620# sand,  
160,000 gal frac fluid

8-5/8" 24# Surface Casing set @ 680', cmt'd w/ 275 sx to surface

DV Tool @ 4888'  
Cmt w/ 215 sx  
TOC 3750'  
CBL 02/20/2002

4-1/2" 11.6# production casing set @ 7997'. Cmt w/ 252 sx, TOC 6602'  
CBL 02/20/2002

**PBTD 7948' MD**  
**TD 7997' MD**

Drawn by:

Cole Carveth

Date:

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