| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10149 | EnCana | Cabrito 61-13 | CT-10149 | 2/5/2010 | 4.9 | 1.4 | 0 | 0 | 4.9 | 1.4 | 7.4 | 1.5 | new facility |
| 11467 | EnCana | SAG 17-30 CF | CT-11467 | 2/25/2011 | 7.2 | 2.1 | 0 | 0 | 7.2 | 2.1 | 10.8 | 2.3 | new facility |
| 11469 | EnCana | SAG 73-20 CF | CT-11469 | 2/25/2011 | 4.1 | 1.2 | 0 | 0 | 4.1 | 1.2 | 6.2 | 1.3 | new facility |
| 11825 | EnCana | Jonah Federal 45-08H | CT-11825 | 6/14/2011 | 5.1 | 1.5 | 0 | 0 | 5.1 | 1.5 | 7.7 | 1.7 | new facility |
| 12143 | EnCana | SAG 59-29 | CT-12143 | 9/20/2011 | 5.6 | 1.5 | 0 | 0 | 5.6 | 1.5 | 8.4 | 1.7 | new facility |
| 12536 | EnCana | Jonah Federal 24-09 | CT-12536 | 12/20/2011 | 5 | 1.4 | 0 | 0 | 5 | 1.4 | 7.5 | 1.5 | new facility |
| 12859 | EnCana | Stud Horse Butte 67-11 CF | CT-12859 | 2/14/2012 | 7.3 | 1.9 | 0 | 0 | 7.3 | 1.9 | 11 | 2.1 | new facility |
| 12876 | EnCana | Stud Horse Butte 72-09 CF | CT-12876 | 2/28/2012 | 16.7 | 5.7 | 0 | 0 | 16.7 | 5.7 | 25.1 | 6.3 | new facility |
| 9128 | EnCana | Section 36 Water Disposal Facility | CT-4633A | 3/30/2009 | 1.1 | 2.7 | 1.1 | 2.7 | 0 | 0 | 0 | 0 | Permit Actions: CT-4633A Notes: engine swap |
| 7162 | EnCana | Stud Horse Butte 48-16 | CT-7162 | 4/1/2009 | 11 | 0.6 | 11 | 0.6 | 0 | 0 | 0 | 0 | Permit Actions: CT-7162 Notes: would have a decrease in VOC if pneumatic pumps were controlled (modified prior to 9/1/07 so control is not required) |
| 11082 | EnCana | Stud Horse Butte 48-16 CF | CT-7162 | 9/29/2010 | 6.5 | 0.8 | 11 | 0.6 | -4.5 | 0.2 | -4.5 | 0.2 | permitting at current actual production instead of equipment design |
| 7519 | EnCana | SAG 34-19 | CT-7519 | 4/1/2009 | 12.8 | 0.9 | 10.6 | 0.6 | 2.2 | 0.3 | 2.2 | 0.3 | Permit Actions: CT-7519 Notes: |
| 10699 | EnCana | SAG 34-19 CF | CT-7519 | 5/27/2010 | 11.3 | 2.2 | 12.8 | 0.9 | -1.5 | 1.3 | -1.5 | 1.4 | |
| 7807 | EnCana | Stud Horse Butte 32-10 | CT-7807 | 4/1/2009 | 5.1 | 1 | 4.9 | 1 | 0.2 | 0 | 0.2 | 0 | Permit Actions: CT-7807 Notes: |
| 7973 | EnCana | SOL 9-36 CF | CT-7973 | 4/1/2009 | 4.7 | 1.2 | 0 | 0 | 4.7 | 1.2 | 4.7 | 1.2 | Permit Actions: CT-7973 Notes: |
| 9254 | EnCana | SOL 9-36 CF | CT-7973 | 10/26/2009 | 7.8 | 2 | 4.7 | 1.2 | 3.1 | 0.8 | 4.7 | 0.9 | Permit Actions: AP-9254 Notes: short form application |
| 8122 | EnCana | Drill Rig Fleet | CT-8122 | 1/4/2010 | 79 | 282 | 97.1 | 457.1 | -18.1 | -175.1 | -18.1 | -175.1 | drill rig fleet |
| 8176 | EnCana | Jonah Federal 11-18 CF | CT-8176 | 4/1/2009 | 11.3 | 2.3 | 5.3 | 1.5 | 6 | 0.8 | 9 | 0.9 | Permit Actions: CT-8176 Notes: |
| 8489 | EnCana | SOL 2-2 | CT-8489 | 4/1/2009 | 4.3 | 0.9 | 0 | 0 | 4.3 | 0.9 | 6.5 | 1 | Permit Actions: CT-8489 Notes: |
| 8620 | EnCana | Yellow Point 16-13 CF | CT-8620 | 4/1/2009 | 11.6 | 2.8 | 0 | 0 | 11.6 | 2.8 | 17.4 | 3.1 | Permit Actions: CT-8620 Notes: |
| 8649 | EnCana | Holmes State 1-36 | CT-8649 | 1/19/2010 | 2.2 | 0.5 | 0 | 0 | 2.2 | 0.5 | 3.3 | 0.6 | Permit Actions: AP-8649 Notes: |
| 8672 | EnCana | Crimson State 12-36 | CT-8672 | 1/19/2010 | 2.6 | 0.5 | 0 | 0 | 2.6 | 0.5 | 3.9 | 0.6 | Permit Actions: AP-8672 Notes: |
| 8748 | EnCana | Crimson Federal 16-14 | CT-8748 | 1/19/2010 | 5.3 | 0.8 | 0 | 0 | 5.3 | 0.8 | 8 | 0.9 | Permit Actions: AP-8748 Notes: |
| 8749 | EnCana | Crimson Fedreal 16-2 | CT-8749 | 1/19/2010 | 3 | 0.5 | 0 | 0 | 3 | 0.5 | 4.5 | 0.6 | Permit Actions: AP-8749 Notes: |
| 8750 | EnCana | Yellow Point 1-34 | CT-8750 | 1/19/2010 | 2.9 | 0.5 | 0 | 0 | 2.9 | 0.5 | 4.4 | 0.6 | Permit Actions: AP-8750 Notes: |
| 8758 | EnCana | Hacienda 6-17A | CT-8758 | 1/13/2010 | 4.4 | 0.7 | 0 | 0 | 4.4 | 0.7 | 6.6 | 0.8 | Permit Actions: AP-8758 Notes: |
| 8881 | EnCana | Stud Horse Butte 84-9 CF | CT-8881 | 1/13/2010 | 20.1 | 4 | 34.8 | 0.8 | -14.7 | 3.2 | -14.7 | 3.5 | Permit Actions: AP-8881 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 10589 | Encana | Stud Horse Butte 84-09 CF | CT-8881 | 4/22/2010 | 24.5 | 4.7 | 20.1 | 4 | 4.4 | 0.7 | 6.6 | 0.8 | |
| 8923 | EnCana | Crimson Federal 15-24 | CT-8923 | 1/13/2010 | 4.6 | 0.6 | 0 | 0 | 4.6 | 0.6 | 6.9 | 0.7 | Permit Actions: AP-8923 Notes: |
| 9059 | EnCana | Stud Horse Butte 48-22 CF | CT-9059 | 1/13/2010 | 20.7 | 4.2 | 0 | 0 | 20.7 | 4.2 | 31.1 | 4.6 | Permit Actions: AP-9059 Notes: |
| 9065 | EnCana | Crimson State 10-36 | CT-9065 | 1/13/2010 | 3.9 | 0.6 | 0 | 0 | 3.9 | 0.6 | 5.9 | 0.7 | Permit Actions: AP-9065 Notes: |
| 9070 | EnCana | Crimson Unit 2-18 | CT-9070 | 1/13/2010 | 4.4 | 0.6 | 0 | 0 | 4.4 | 0.6 | 6.6 | 0.7 | Permit Actions: AP-9070 Notes: |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9208 | EnCana | Crimson Federal 7-35 | CT-9208 | 1/13/2010 | 0.8 | 0.5 | 0 | 0 | 0.8 | 0.5 | 1.2 | 0.6 | Permit Actions: AP-9208 Notes: |
| 9283 | EnCana | Crimson Unit 8-31 | CT-9283 | 1/14/2010 | 0.8 | 0.5 | 0 | 0 | 0.8 | 0.5 | 1.2 | 0.6 | Permit Actions: AP-9283 Notes: |
| 9354 | EnCana | Hacienda 5-20 | CT-9354 | 1/14/2010 | 2.6 | 0.8 | 0 | 0 | 2.6 | 0.8 | 3.9 | 0.9 | Permit Actions: AP-9354 Notes: |
| 9451 | EnCana | Hacienda 12-21 | CT-9451 | 1/14/2010 | 1.7 | 0.7 | 0 | 0 | 1.7 | 0.7 | 2.6 | 0.8 | Permit Actions: AP-9451 Notes: |
| 9500 | EnCana | Crimson Federal 2-13 | CT-9500 | 1/14/2010 | 1.4 | 0.6 | 0 | 0 | 1.4 | 0.6 | 2.1 | 0.7 | Permit Actions: AP-9500 Notes: |
| 9983 | EnCana | SOL 95-18 Water Management Facility | CT-9983 | 3/23/2010 | 18.2 | 6.6 | 0 | 0 | 18.2 | 6.6 | 27.3 | 7.3 | construct the SOL 95-18 Water Management Facility |
| 11017 | EnCana | SOL 95-18 Water Management Facility | CT-9983A | 12/10/2010 | 16.9 | 5.3 | 18.2 | 6.6 | -1.3 | -1.3 | -2 | -1.4 | permit amendment to remove the authorization to install either three (3) 276 hp Caterpillar 3406TA engines or one (1) 791 hp Caterpillar G3512TA engine and install one (1) 539 hp Caterpillar G3412 TA engine |
| 10192 | EnCana | Stud Horse Butte 7-22 CF | MD-10192 | 5/28/2010 | 8.9 | 2.8 | 4.5 | 1.5 | 4.4 | 1.3 | 6.6 | 1.4 | |
| 10216 | EnCana | Stud Horse Butte 4-33 Central Factility | MD-10216 | 2/23/2010 | 3.3 | 1.4 | 9.1 | 0.7 | -5.8 | 0.7 | -5.8 | 0.8 | controlling pneumatic pumps that previously didn't require controls |
| 10261 | EnCana | Jonah Federal 3-5 CF | MD-10261 | 2/23/2010 | 3.3 | 1.2 | 9.1 | 0.8 | -5.8 | 0.4 | -5.8 | 0.4 | controlling pneumatic pumps that didn't previously require controls |
| 10423 | Encana | Jonah Federal 4-18 CF | MD-10423 | 5/12/2010 | 10.8 | 1.3 | 19.5 | 0.5 | -8.7 | 0.8 | -8.7 | 0.9 | controlling/eliminating equipment that did not previously require controls |
| 10517 | EnCana | Jonah Federal 1-4X CF | MD-10517 | 6/2/2010 | 9.6 | 1.6 | 41.8 | 1.9 | -32.2 | -0.3 | -32.2 | -0.3 | consolidating wells that previously didn't require controls |
| 10700 | EnCana | Tot Federal #1 | MD-10700 | 7/16/2010 | 6.3 | 0.8 | 29.4 | 0.6 | -23.1 | 0.2 | -23.1 | 0.2 | controlling tank, dehydration unit and pneumatic pump emissions that previously did not require controls |
| 10789 | EnCana | Section 36 Water Management Facility | MD-10789 | 12/2/2010 | 15.4 | 24.8 | 11.9 | 15.2 | 3.5 | 9.6 | 5.3 | 10.6 | permit for engine replacement, installation of several heaters, updating truck loadout and fugitive equipment leaks, and installation of eight storage tanks |
| 10806 | EnCana | Stud Horse Butte 1-32 CF | MD-10806 | 7/29/2010 | 12.2 | 1.9 | 29.4 | 2.3 | -17.2 | -0.4 | -17.2 | -0.4 | controlling/eliminating pneumatic pumps |
| 10925 | EnCana | Cabrito 13-19 CF | MD-10925 | 9/3/2010 | 24 | 3.6 | 52.5 | 2.5 | -28.5 | 1.1 | -28.5 | 1.2 | consolidating wells and controlling tank, dehydration unit and pneumatic pump emissions that previously did not require controls |
| 11015 | EnCana | Stud Horse Butte 4-28 | MD-11015 | 9/28/2010 | 13.6 | 4 | 21.8 | 0.5 | -8.2 | 3.5 | -8.2 | 3.9 | controlling dehydration unit that did not require controls under previous permit |
| 11150 | EnCana | Stud Horse Butte 15-27 CF | MD-11150 | 12/22/2010 | 18 | 2.6 | 16.7 | 2.4 | 1.3 | 0.2 | 2 | 0.2 | |
| 11248 | EnCana | Stud Horse Butte 2-33 CF | MD-11248 | 12/28/2010 | 8.5 | 1.4 | 14.7 | 2 | -6.2 | -0.6 | -6.2 | -0.6 | removal of dehydration unit |
| 11249 | EnCana | Stud Horse Butte 10-33 CF | MD-11249 | 12/29/2010 | 8 | 1.4 | 32 | 5 | -24 | -3.6 | -24 | -3.6 | consolidating well and removal of production equipment |
| 11250 | EnCana | Stud Horse Butte 11-17 CF | MD-11250 | 2/8/2011 | 17.6 | 5.8 | 30.5 | 6.2 | -12.9 | -0.4 | -12.9 | -0.4 | emissions calculated at current actual production instead of equipment design production |
| 11276 | EnCana | Cabrito 8-25 CF | MD-11276 | 2/8/2011 | 16.9 | 5.1 | 13.9 | 3.7 | 3 | 1.4 | 4.5 | 1.5 | |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11289 | EnCana | Stud horse Butte 16-18 CF | MD-11289 | 2/8/2011 | 3.8 | 1.4 | 9.4 | 2.6 | -5.6 | -1.2 | -5.6 | -1.2 | emissions calculated using current actual production instead of equipment design production and reduction of production equipment. |
| 11399 | EnCana | Stud Horse Butte 10-35 CF | MD-11399 | 2/8/2011 | 20.5 | 2.9 | 97.8 | 9.1 | -77.3 | -6.2 | -77.3 | -6.2 | consolidating facilities which reduces equipment and emissions |
| 11400 | EnCana | Cabrito 14-25 CF | MD-11400 | 3/4/2011 | 14.3 | 3.6 | 115.3 | 10.4 | -101 | -6.8 | -101 | -6.8 | consolidating facilities which reduces equipment and emissions |
| 11424 | EnCana | Stud Horse Butte 8-14 CF | MD-11424 | 3/9/2011 | 9 | 3 | 19.3 | 3.7 | -10.3 | -0.7 | -10.3 | -0.7 | reduction in equipment and permitting at current actual production |
| 11426 | EnCana | Stud Horse Butte 122-10 CF | MD-11426 | 3/9/2011 | 12.9 | 4.1 | 18.2 | 4.1 | -5.3 | 0 | -5.3 | 0 | emissions calculated using current actual production instead of equipment design |
| 11428 | EnCana | Stud Horse Butte 01-35 CF | MD-11428 | 3/4/2011 | 16.6 | 3.1 | 82.7 | 7 | -66.1 | -3.9 | -66.1 | -3.9 | consolidating facilities which reduces equipment and emissions |
| 11435 | EnCana | Cabrito 13-30 CF | MD-11435 | 3/22/2011 | 23.6 | 4.1 | 43.2 | 8.6 | -19.6 | -4.5 | -19.6 | -4.5 | emissions calculated at current actual production instead of equipment design |
| 11488 | EnCana | Stud Horse Butte 16-34R CF | MD-11488 | 3/1/2011 | 9 | 2.4 | 19.4 | 4 | -10.4 | -1.6 | -10.4 | -1.6 | production decline and replacing high-bleed controllers with low-bleed controllers |
| 11516 | EnCana | Stud Horse Butte 2-34 CF | MD-11516 | 3/9/2011 | 15 | 4.2 | 9.6 | 3.4 | 5.4 | 0.8 | 8.1 | 0.9 | |
| 11614 | EnCana | Corona-Stud Horse Butte 10-30 CF | MD-11614 | 5/3/2011 | 12.3 | 3.2 | 27.3 | 8.3 | -15 | -5.1 | -15 | -5.1 | install low-bleed controllers and emissions calculated using current actual production instead of equipment design |
| 11622 | EnCana | Stud Horse Butte 7-26 CF | MD-11622 | 5/10/2011 | 15.3 | 4.6 | 38.1 | 8.6 | -22.8 | -4 | -22.8 | -4 | install low-bleed controllers and permit using current actual production instead of equipment design |
| 11623 | EnCana | Stud Horse Butte 15-19 CF | MD-11623 | 5/10/2011 | 9.3 | 2.1 | 11 | 2.6 | -1.7 | -0.5 | -1.7 | -0.5 | permitting at current actual production instead of equipment design |
| 11658 | EnCana | Corona-Stud Horse Butte 10-31 CF | MD-11658 | 5/24/2011 | 11.7 | 3.5 | 33.5 | 7.1 | -21.8 | -3.6 | -21.8 | -3.6 | permitting at current actual production instead of equipment design |
| 11659 | EnCana | Stud Horse Butte 4-28 CF | MD-11659 | 5/18/2011 | 8.4 | 2.9 | 43.2 | 4.5 | -34.8 | -1.6 | -34.8 | -1.6 | consolidating well site with previously uncontrolled equipment |
| 11660 | EnCana | Stud Horse Butte 4-35 CF | MD-11660 | 5/18/2011 | 10 | 2.1 | 22.3 | 1.8 | -12.3 | 0.3 | -12.3 | 0.3 | controlling pneumatic pumps and installing low-bleed controllers |
| 11772 | EnCana | Section 36 Water Management Facility | MD-11772 | 12/15/2011 | 21.2 | 4.7 | 0 | 0 | 21.2 | 4.7 | 31.8 | 5.2 | revise VOC on existing Cat engines, install 1 Cat engine, 3 75,000 bbl frac water storage tanks, 1 combustor, 1 DAF and 2 DAEWOO emergency engines |
| 11801 | EnCana | Jonah Federal 05-06 CF | MD-11801 | 5/24/2011 | 8 | 2 | 14.2 | 2.9 | -6.2 | -0.9 | -6.2 | -0.9 | permitting at current actual production instead of equipment design |
| 11845 | EnCana | Jonah Federal 13-7 | MD-11845 | 6/14/2011 | 5.6 | 1.2 | 5.9 | 1.2 | -0.3 | 0 | -0.3 | 0 | production decline |
| 11896 | EnCana | Stud Horse Butte 32-10 | MD-11896 | 6/21/2011 | 4.6 | 1.2 | 5.1 | 1 | -0.5 | 0.2 | -0.5 | 0.2 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11934 | EnCana | Stud Horse Butte 15-28 CF | MD-11934 | 6/21/2011 | 9.5 | 2.8 | 18.7 | 4.7 | -9.2 | -1.9 | -9.2 | -1.9 | permitting at current actual production instead of equipment design. |
| 11950 | EnCana | Stud Horse Butte 12-15 CF | MD-11950 | 6/21/2011 | 16.4 | 4.2 | 27.4 | 6.9 | -11 | -2.7 | -11 | -2.7 | permitting at current actual production instead of equipment design. |
| 12065 | EnCana | SAG 34-19 CF | MD-12065 | 8/24/2011 | 9.9 | 3.4 | 11.3 | 2.2 | -1.4 | 1.2 | -1.4 | 1.3 | permitting at current actual production |
| 12080 | EnCana | Yellow Point 04-12 CF | MD-12080 | 8/24/2011 | 8.9 | 2.3 | 31.9 | 4.4 | -23 | -2.1 | -23 | -2.1 | permitting using current actual production instead of equipment design production |
| 12087 | EnCana | Stud Horse Butte 84-09 CF | MD-12087 | 9/28/2011 | 18.6 | 5.9 | 24.5 | 4.7 | -5.9 | 1.2 | -5.9 | 1.2 | production decline |
| 12102 | EnCana | Stud Horse Butte 03-34 CF | MD-12102 | 8/24/2011 | 9.8 | 2.6 | 14.3 | 4.2 | -4.5 | -1.6 | -4.5 | -1.6 | removal of dehydration unit |
| 12103 | EnCana | Stud Horse Butte 01-27 CF | MD-12103 | 8/30/2011 | 10.5 | 2.9 | 19.1 | 5 | -8.6 | -2.1 | -8.6 | -2.1 | permitted at current actual production instead of equipment design |
| 12147 | EnCana | Stud Horse Butte 04-26 CF | MD-12147 | 9/20/2011 | 12.5 | 3.7 | 27.5 | 8.9 | -15 | -5.2 | -15 | -5.2 | dehydration unit removed, heaters removed and heat trace pump removed |
| 12148 | EnCana | Stud Horse Butte 07-22 CF | MD-12148 | 9/20/2011 | 16.6 | 4.8 | 8.9 | 2.8 | 7.7 | 2 | 11.6 | 2.2 | |
| 12166 | EnCana | Stud Horse Butte 04-33 CF | MD-12166 | 9/20/2011 | 7.8 | 2.4 | 3.3 | 1.4 | 4.5 | 1 | 6.8 | 1.1 | |
| 12216 | EnCana | Cabrito 14-25 CF | MD-12216 | 9/20/2011 | 12.8 | 3.1 | 14.3 | 3.6 | -1.5 | -0.5 | -1.5 | -0.5 | |
| 12221 | EnCana | Hacienda 14-30 | MD-12221 | 11/1/2011 | 6.2 | 2.1 | 10.5 | 0.6 | -4.3 | 1.5 | -4.3 | 1.7 | control pneumatic pumps |
| 12233 | EnCana | Stud Horse Butte 11-26 CF | MD-12233 | 10/4/2011 | 7.4 | 2.8 | 18.9 | 3 | -11.5 | -0.2 | -11.5 | -0.2 | decline in production and low-bleed controllers |
| 12241 | EnCana | Yellow Point 07-02 CF | MD-12241 | 10/11/2011 | 4.4 | 1.3 | 8.2 | 1.4 | -3.8 | -0.1 | -3.8 | -0.1 | production decline and installing low-bleed controllers |
| 12298 | EnCana | Stud Horse Butte 03-27 CF | MD-12298 | 11/29/2011 | 14 | 3.3 | 25.2 | 2.9 | -11.2 | 0.4 | -11.2 | 0.4 | declining production and low bleed controllers |
| 12305 | EnCana | Stud Horse Butte 16-28/9-28 CF | MD-12305 | 11/1/2011 | 7.6 | 2.5 | 7.3 | 2.2 | 0.3 | 0.3 | 0.5 | 0.3 | |
| 12339 | EnCana | Stud Horse Butte 1-35 CF | MD-12339 | 11/8/2011 | 11.6 | 3.5 | 16.6 | 3.1 | -5 | 0.4 | -5 | 0.4 | install low-bleed controllers |
| 12432 | EnCana | Stud Horse Butte 09-33 CF | MD-12432 | 12/6/2011 | 8.7 | 2.1 | 18.4 | 2.4 | -9.7 | -0.3 | -9.7 | -0.3 | install low bleed controllers and control pneumatic pumps |
| 12449 | EnCana | Stud Horse Butte 11-34 CF | MD-12449 | 12/6/2011 | 9.7 | 2.8 | 17.8 | 3.7 | -8.1 | -0.9 | -8.1 | -0.9 | declining production and low bleed controllers |
| 12486 | EnCana | Stud Horse Butte 02-28/18-28 CF | MD-12486 | 12/20/2011 | 12.3 | 4.2 | 18.9 | 4.6 | -6.6 | -0.4 | -6.6 | -0.4 | declining production and low bleed controllers |
| 12604 | EnCana | Stud Horse Butte 01-36/19-36 CF | MD-12604 | 12/28/2011 | 11.3 | 3.4 | 24.7 | 4.5 | -13.4 | -1.1 | -13.4 | -1.1 | declining production and low bleed controllers |
| 12614 | EnCana | Stud Horse Butte 01-34 CF | MD-12614 | 12/28/2011 | 6.3 | 1.8 | 9.4 | 1.5 | -3.1 | 0.3 | -3.1 | 0.3 | install low bleed controllers |
| 12623 | EnCana | Section 18 Water Management Facility | MD-12623 | 1/13/2012 | 5.2 | 5.2 | 0 | 0 | 5.2 | 5.2 | 7.8 | 5.7 | installation of two (2) 539 hp Caterpillar G3412TA generator engines. |
| 12697 | EnCana | Stud Horse Butte 12-36 CF | MD-12697 | 1/10/2012 | 11.6 | 3.5 | 10.8 | 3.2 | 0.8 | 0.3 | 1.2 | 0.3 | |
| 12705 | EnCana | Stud Horse Butte 6-35 CF | MD-12705 | 1/31/2012 | 10 | 2.8 | 25.7 | 2.5 | -15.7 | 0.3 | -15.7 | 0.3 | control pneumatic pumps and install low-bleed controllers |
| 12911 | EnCana | Stud Horse Butte 16-32 CF | MD-12911 | 3/6/2012 | 4.9 | 1.6 | 17.1 | 2.1 | -12.2 | -0.5 | -12.2 | -0.5 | control pneumatic pumps and install low-bleed controllers |
| 12919 | EnCana | Stud Horse Butte 4-27 CF | MD-12919 | 3/6/2012 | 5 | 1.5 | 5.6 | 1.8 | -0.6 | -0.3 | -0.6 | -0.3 | production decline |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12948 | EnCana | Jonah Federal 8-7 CF | MD-12948 | 3/19/2012 | 7.4 | 2.5 | 24.3 | 2.7 | -16.9 | -0.2 | -16.9 | -0.2 | control pneumatic pumps and install low-bleed controllers |
| 12268 | EnCana | Hacienda 14-30 Site | MD-6395A | 8/12/2011 | 3 | 19.8 | 3 | 19.8 | 0 | 0 | 0 | 0 | no offsets, Caterpillar G3408 was removed from service before baseline date, other production equipment at facility is addressed in AP-12221. |
| 6758 | EnCana | Stud Horse Butte 4-26 CF | MD-6758 | 5/2/2008 | 36.1 | 8.2 | 22 | 2.6 | 14.1 | 5.6 | 21.2 | 6.2 | Permit Actions: MD-6758 Notes: short form application |
| 9800 | EnCana | Stud Horse Butte 4-26 CF | MD-6758 | 10/26/2009 | 27.5 | 8.9 | 36.1 | 8.2 | -8.6 | 0.7 | -8.6 | 0.8 | permitting at current production instead of maximum design capacity |
| 7055 | EnCana | Stud Horse Butte 7-26 CF | MD-7055 | 5/20/2008 | 38.1 | 8.6 | 14 | 3.4 | 24.1 | 5.2 | 36.2 | 5.7 | Permit Actions: MD-7055 Notes: short form application |
| 7056 | EnCana | Stud Horse Butte 16-26 | MD-7056 | 4/1/2009 | 16.7 | 1.6 | 15.7 | 1.5 | 1 | 0.1 | 1 | 0.1 | Permit Actions: MD-7056 Notes: would have a decrease in VOC if pneumatic pumps were controlled (modified prior to 9/1/07 so control is not required) |
| 8673 | EnCana | Stud Horse Butte 16-26 CF | MD-7056 | 10/26/2009 | 14.8 | 2.9 | 16.7 | 1.6 | -1.9 | 1.3 | -1.9 | 1.4 | Permit Actions: AP-8673 / MD-7056 Notes: decrease in operating pressure, decreased flashing emissions |
| 7083 | EnCana | Stud Horse Butte 71-32 | MD-7083 | 4/1/2009 | 13 | 3.4 | 12.3 | 3.3 | 0.7 | 0.1 | 0.7 | 0.1 | Permit Actions: MD-7083 Notes: |
| 7164 | EnCana | Yellow Point 1-13 CF | MD-7164 | 7/1/2008 | 22.4 | 4.5 | 11.6 | 2.5 | 10.8 | 2 | 16.2 | 2.2 | Permit Actions: MD-7164 Notes: short form application |
| 9772 | EnCana | Yellow Point 1-13 CF | MD-7164 | 8/24/2009 | 8.4 | 2.2 | 22.4 | 4.5 | -14 | -2.3 | -14 | -2.3 | permitting at current production instead of maximum design capacity |
| 10027 | EnCana | Stud Horse Butte 2-34 | MD-7179 | 11/25/2009 | 9.6 | 3.4 | 9.4 | 3 | 0.2 | 0.4 | 0.3 | 0.4 | |
| 7348 | EnCana | Stud Horse Butte 11-22 CF | MD-7348 | 1/13/2010 | 31.9 | 6.8 | 12.6 | 3.4 | 19.3 | 3.4 | 19.3 | 3.4 | Permit Actions: AP-7348 Notes: |
| 10384 | EnCana | Stude Horse Butte 11-22 CF | MD-7348 | 2/25/2010 | 12.3 | 3.2 | 31.9 | 6.8 | -19.6 | -3.6 | -19.6 | -3.6 | calculations used current actual production instead of equipment design production |
| 7438 | EnCana | Stud Horse Butte 16-34R CF | MD-7438 | 5/2/2008 | 19.4 | 4 | 7.7 | 1.5 | 11.7 | 2.5 | 17.8 | 2.8 | Permit Actions: MD-7438 Notes: short form application |
| 7692 | EnCana | Stud Horse Butte 7-15 CF | MD-7692 | 4/1/2009 | 18.3 | 3.8 | 8.5 | 2.3 | 9.8 | 1.5 | 9.8 | 1.5 | Permit Actions: MD-7692 Notes: |
| 10723 | EnCana | Stud Horse Butte 07-15 CF | MD-7692 | 5/27/2010 | 18.5 | 4.1 | 18.3 | 3.8 | 0.2 | 0.3 | 0.3 | 0.3 | |
| 9450 | EnCana | Stud Horse Butte 3-27 CF | MD-7696 | 10/26/2009 | 24.9 | 4.8 | 104.5 | 2 | -79.6 | 2.8 | -79.6 | 3.1 | consolidating wells that previously did not require controls and reducing equipment |
| 10552 | EnCana | Stud Horse Butte 3-27 CF | MD-7696 | 4/16/2010 | 25.2 | 2.9 | 24.9 | 4.8 | 0.3 | -1.9 | 0.5 | -1.9 | permitted using current production rates |
| 7761 | EnCana | Stud Horse Butte 6-28 CF | MD-7761 | 4/1/2009 | 14.2 | 2.2 | 6.4 | 1.3 | 7.8 | 0.9 | 7.8 | 0.9 | Permit Actions: MD-7761 Notes: |
| 9386 | EnCana | Stud Horse Butte 12-15 CF | MD-7782 | 10/26/2009 | 27.4 | 6.9 | 22.7 | 2.5 | 4.7 | 4.4 | 7.1 | 4.8 | Permit Actions: AP-9386 Notes: |
| 7855 | EnCana | Stud Horse Butte 10-28 | MD-7855 | 9/16/2008 | 23.3 | 4.6 | 77.4 | 2.5 | -54.1 | 2.1 | -54.1 | 2.1 | Permit Actions: MD-7855 Notes: this permit is already issued so no NOx offsets are required |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7905 | EnCana | Jonah Workforce Facility | MD-7905 | 10/9/2008 | 14.3 | 11.5 | 9.2 | 13 | 5.1 | -1.5 | 5.1 | -1.5 | Permit Actions: MD-7905 Notes: Annual emissions reduction due to employee vehicle traffic of 13.0 tpy NOx, 60.0 tpy CO, 9.2 tpy VOC, and 196.1 tpy PM. |
| 9165 | EnCana | Jonah Workforce Facility | MD-7905A | 4/22/2009 | | | | | | | 0 | 0 | No change in NOx or VOC emissions; no offset required |
| 9674 | EnCana | Jonah Workforce Facility | MD-7905A2 | 9/9/2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No change in emissions |
| 7924 | EnCana | Jonah Federal 1-5 CF | MD-7924 | 4/1/2009 | 13.8 | 3.9 | 25.4 | 2.8 | -11.6 | 1.1 | -11.6 | 1.1 | Permit Actions: MD-7924 Notes: controlling pneumatic pumps |
| 7972 | EnCana | Jonah Federal 5-4 CF | MD-7972 | 4/1/2009 | 28.2 | 6.3 | 19.5 | 2.5 | 8.7 | 3.8 | 8.7 | 3.8 | Permit Actions: MD-7972 Notes: |
| 10159 | EnCana | Jonah Federal 5-4 CF | MD-7972 | 12/11/2009 | 7.6 | 1.5 | 28.2 | 6.3 | -20.6 | -4.8 | -20.6 | -4.8 | modified facility - emissions calculated using current actual production instead of equipment design production. |
| 7974 | EnCana | Stud Horse Butte 12-36 CF | MD-7974 | 4/1/2009 | 28.1 | 6.1 | 90.4 | 3.7 | -62.3 | 2.4 | -62.3 | 2.5 | Permit Actions: MD-7974 Notes: consolidating wells and controlling previously uncontrolled tanks and dehydration units |
| 10179 | EnCana | Stud Horse Butte 12-36 CF | MD-7974 | 12/11/2009 | 10.8 | 3.2 | 28.1 | 6.1 | -17.3 | -2.9 | -17.3 | -2.9 | modified facility - emissions calculated using current actual production instead of equipment design production |
| 7975 | EnCana | Corona-Stud Horse Butte 15-19 CF | MD-7975 | 4/1/2009 | 29.3 | 6.5 | 81.7 | 1.7 | -52.4 | 4.8 | -52.4 | 4.8 | Permit Actions: MD-7975 Notes: addition of 3 existing wells that had no dehy/tank controls and 1 well with no dehy controls |
| 9730 | EnCana | Corona-Stud Horse Butte 15-19 CF | MD-7975 | 8/24/2009 | 11 | 2.6 | 29.3 | 6.5 | -18.3 | -3.9 | -18.3 | -3.9 | permitting at current production instead of maximum design capacity |
| 8035 | EnCana | Corona-Stud Horse Butte 10-31 CF | MD-8035 | 4/1/2009 | 29.3 | 6.8 | 89.8 | 4.2 | -60.5 | 2.6 | -60.5 | 2.6 | Permit Actions: MD-8035 Notes: addition of 3 existing wells that had no dehy or tank controls |
| 9094 | EnCana | Corona-Stud Horse Butte 10-31 CF | MD-8035 | 10/26/2009 | 33.5 | 7.1 | 29.3 | 6.8 | 4.2 | 0.3 | 6.3 | 0.3 | Permit Actions: AP-9094 Notes: short form application |
| 8095 | EnCana | Yellow Point 4-12 CF | MD-8095 | 9/30/2008 | 31.9 | 4.4 | 219 | 15.7 | -187.1 | -11.3 | -187.1 | -11.3 | Permit Actions: MD-8095 Notes: consolidation of 29 wells which decreases the number of dehydration units / tanks now controlled at 2 of the existing wells / pneumatic pumps now controlled |
| 8104 | EnCana | Stud Horse Butte 4-27 CF | MD-8104 | 4/1/2009 | 22.6 | 4.5 | 34.7 | 1.5 | -12.1 | 3 | -12.1 | 3 | Permit Actions: MD-8104 Notes: adding well to CF that has no dehy controls |
| 10349 | EnCana | Stud Horse Butte 4-27 CF | MD-8104 | 2/25/2010 | 5.6 | 1.8 | 22.6 | 4.5 | -17 | -2.7 | -17 | -2.7 | removed dehydration unit and permitting using current actual production rates |
| 8109 | EnCana | Corona 3-31 CF | MD-8109 | 4/1/2009 | 20.1 | 3.6 | 20.9 | 1 | -0.8 | 2.6 | -0.8 | 2.6 | Permit Actions: MD-8109 Notes: |
| 8110 | EnCana | Stud Horse Butte 11-26 CF | MD-8110 | 4/1/2009 | 35.1 | 8.8 | 18.2 | 2.1 | 16.9 | 6.7 | 16.9 | 6.7 | Permit Actions: MD-8110 Notes: |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11048 | EnCana | Stud Horse Butte 11-26 CF | MD-8110 | 8/20/2010 | 18.9 | 3 | 35.1 | 8.8 | -16.2 | -5.8 | -16.2 | -5.8 | emissions calculated based on current actual production rather than equipment design production |
| 8199 | EnCana | Yellow Point 8-13 | MD-8199 | 4/1/2009 | 18.4 | 3.4 | 9.2 | 1.4 | 9.2 | 2 | 13.8 | 2.2 | Permit Actions: MD-8199 Notes: |
| 10009 | EnCana | Yellow Point 8-13 CF | MD-8199 | 11/25/2009 | 9 | 2.6 | 18.4 | 3.4 | -9.4 | -0.8 | -9.4 | -0.8 | emissions were calculated using current actual production instead of equipment design production. |
| 8200 | EnCana | Stud Horse Butte 13-26 CF | MD-8200 | 4/1/2009 | 31.8 | 7.6 | 16.3 | 4.1 | 15.5 | 3.5 | 23.3 | 3.9 | Permit Actions: MD-8200 Notes: |
| 9058 | EnCana | Stud Horse Butte 13-26 CF | MD-8200 | 4/29/2009 | 31.8 | 7.6 | 31.8 | 7.6 | 0 | 0 | 0 | 0 | Permit Actions: MD-8200 Notes: short form application - letter sent |
| 11014 | EnCana | Stud Horse Butte 13-26 CF | MD-8200 | 8/11/2010 | 27.3 | 3.8 | 31.8 | 7.6 | -4.5 | -3.8 | -4.5 | -3.8 | using current actual emissions instead of equipment design emissions |
| 8202 | EnCana | Stud Horse Butte 11-17 CF | MD-8202 | 4/1/2009 | 30.5 | 6.1 | 57.1 | 1.7 | -26.6 | 4.4 | -26.6 | 4.8 | Permit Actions: MD-8202 Notes: decrease due to consolidation of previously uncontrolled equipment |
| 9655 | EnCana | Stud Horse Butte 11-17 CF | MD-8202 | 10/26/2009 | 30.5 | 6 | 30.5 | 6.1 | 0 | -0.1 | 0 | -0.1 | |
| 10105 | EnCana | Stud Horse Butte 11-17 CF | MD-8202 | 11/30/2009 | 28.1 | 7.3 | 30.5 | 6.2 | -2.4 | 1.1 | -2.4 | 1.2 | reduction in dehydration units |
| 8326 | EnCana | Jonah Federal 1-6 CF | MD-8326 | 4/1/2009 | 22.7 | 5.2 | 45.6 | 3.4 | -22.9 | 1.8 | -22.9 | 2 | Permit Actions: MD-8326 Notes: decrease due to consolidation of previously uncontrolled equipment |
| 8357 | EnCana | Yellow Point 2-1 CF | MD-8357 | 4/1/2009 | 23 | 4.9 | 25 | 2.5 | -2 | 2.4 | -2 | 2.6 | Permit Actions: MD-8357 Notes: controlling pneumatic pumps |
| 8358 | EnCana | Stud Horse Butte 10-33 | MD-8358 | 4/1/2009 | 18.1 | 4.4 | 22.3 | 5.4 | -4.2 | -1 | -4.2 | -1 | Permit Actions: MD-8358 Notes: controlling pneumatic pumps / less heaters |
| 8440 | EnCana | Corona Stud Horse Butte 10-30 CF | MD-8440 | 4/1/2009 | 27.3 | 8.3 | 77.5 | 2.6 | -50.2 | 5.7 | -50.2 | 6.3 | Permit Actions: MD-8440 Notes: consolidating wells and controlling previously uncontrolled tanks and dehydration units |
| 9181 | EnCana | Corona Stud Horse Butte 10-30 CF | MD-8440 | 4/30/2009 | 27.3 | 8.3 | 27.3 | 8.3 | 0 | 0 | 0 | 0 | Permit Actions: MD-8440 Notes: short form application - letter sent |
| 8441 | EnCana | Stud Horse Butte 11-36 CF | MD-8441 | 4/1/2009 | 18.5 | 4.1 | 62.5 | 1.6 | -44 | 2.5 | -44 | 2.8 | Permit Actions: MD-8441 Notes: consolidating wells and controlling previously uncontrolled tanks and dehydration units |
| 10251 | EnCana | Stud Horse Butte 11-36 CF | MD-8441 | 1/4/2010 | 11.6 | 3.5 | 18.5 | 4.1 | -6.9 | -0.6 | -6.9 | -0.6 | calculated emissions using current actual production instead of equipment design production |
| 8458 | EnCana | Jonah 1-8 CF | MD-8458 | 4/1/2009 | 14.4 | 2.9 | 23.9 | 0.3 | -9.5 | 2.6 | -9.5 | 2.9 | Permit Actions: MD-8458 Notes: controlling previously uncontrolled well |
| 8467 | EnCana | Stud Horse Butte 7-36 CF | MD-8467 | 4/1/2009 | 15.7 | 2.9 | 43.8 | 0.9 | -28.1 | 2 | -28.1 | 2.2 | Permit Actions: MD-8467 Notes: consolidating wells and controlling previously uncontrolled tanks and dehydration units |
| 10501 | EnCana | Stud horse Butte 07-36 CF | MD-8467 | 3/23/2010 | 9.9 | 1.7 | 15.7 | 2.9 | -5.8 | -1.2 | -5.8 | -1.2 | |
| 8490 | EnCana | Stud Horse Butte 11-20 CF | MD-8490 | 4/1/2009 | 35.6 | 8.9 | 144.4 | 7.1 | -108.8 | 1.8 | -108.8 | 2 | Permit Actions: MD-8490 Notes: consolidating wells and controlling previously uncontrolled tanks and dehydration units |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11161 | EnCana | Stud Horse Butte 11-20 CF | MD-8490 | 10/28/2010 | 28.5 | 5.1 | 51.3 | 8.9 | -22.8 | -3.5 | -22.8 | -3.5 | permitting at current actual production instead of equipment design |
| 8498 | EnCana | Stud Horse Butte 16-18 CF | MD-8498 | 4/1/2009 | 9.4 | 2.6 | 20 | 0.4 | -10.6 | 2.2 | -10.6 | 2.4 | Permit Actions: MD-8498 Notes: controlling previously uncontrolled dehy/tank emissions |
| 8553 | EnCana | Jonah Storage Yard | MD-8553 | 12/10/2009 | 0.2 | 0.5 | 0 | 0 | 0.2 | 0.5 | 0.3 | 0.6 | install engine |
| 8566 | EnCana | Stud Horse Butte 122-10 | MD-8566 | 4/1/2009 | 18.2 | 3.7 | 16.4 | 0.4 | 1.8 | 3.3 | 2.7 | 3.6 | Permit Actions: MD-8566 Notes: |
| 8691 | EnCana | Cabrito 7-30 CF | MD-8691 | 1/19/2010 | 18.3 | 3.9 | 19 | 1.5 | -0.7 | 2.4 | -0.7 | 2.6 | Permit Actions: AP-8691 Notes: controlling pneumatic pumps that did not require controls as of April 1, 2008 |
| 8692 | EnCana | Yellow Point 1-12 CF | MD-8692 | 1/19/2010 | 14.8 | 3.9 | 50.4 | 4.9 | -35.6 | -1 | -35.6 | -1 | Permit Actions: AP-8692 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 8704 | EnCana | Jonah Federal 5-6 CF | MD-8704 | 1/19/2010 | 14.2 | 2.9 | 14.2 | 1.5 | 0 | 1.4 | 0 | 1.5 | Permit Actions: AP-8704 Notes: |
| 8709 | EnCana | Stud Horse Butte 3-34 CF | MD-8709 | 1/19/2010 | 14.3 | 4.2 | 43.5 | 1.4 | -29.2 | 2.8 | -29.2 | 3.1 | Permit Actions: AP-8709 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 8744 | EnCana | Cabrito 13-30 CF | MD-8744 | 1/19/2010 | 43.2 | 8.6 | 77.5 | 2 | -34.3 | 6.6 | -34.3 | 7.3 | Permit Actions: AP-8744 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 8759 | EnCana | Stud Horse Butte 2-36 CF | MD-8759 | 1/13/2010 | 22.7 | 4.1 | 20.3 | 2.2 | 2.4 | 1.9 | 3.6 | 2.1 | Permit Actions: AP-8759 Notes: |
| 10195 | EnCana | Stud Horse Butte 2-36 CF | MD-8759 | 2/19/2010 | 11.9 | 3.1 | 22.7 | 4.1 | -10.8 | -1 | -10.8 | -1 | modified facility - emissions are calculated using current actual production instead of equipment design production as in the previous permit. |
| 8760 | EnCana | Stud Horse Butte3-36 CF | MD-8760 | 1/13/2010 | 20.6 | 4.1 | 64.1 | 3.2 | -43.5 | 0.9 | -43.5 | 1 | Permit Actions: AP-8760 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 10180 | EnCana | Stud Horse Butte 3-36 CF | MD-8760 | 2/19/2010 | 6.7 | 1.8 | 20.6 | 4.1 | -13.9 | -2.3 | -13.9 | -2.3 | modified facility - emissions are calculated using current actual production instead of equipment design production as in the previous permit. |
| 8766 | EnCana | Stud Horse Butte 11-34 CF | MD-8766 | 1/13/2010 | 17.8 | 3.7 | 60.5 | 2.3 | -42.7 | 1.4 | -42.7 | 1.5 | Permit Actions: AP-8766 Notes: consolidating wells that previously required no controls |
| 8767 | EnCana | Stud Horse Butte 1-36 CF | MD-8767 | 1/13/2010 | 24.7 | 4.5 | 43.2 | 1.9 | -18.5 | 2.6 | -18.5 | 2.9 | Permit Actions: AP-8767 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 8776 | EnCana | Stud Horse Butte 12-29 CF | MD-8776 | 1/13/2010 | 23.1 | 4.4 | 92.3 | 1.6 | -69.2 | 2.8 | -69.2 | 3.1 | Permit Actions: AP-8776 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 11205 | EnCana | Stud Horse Butte 12-29 CF | MD-8776 | 11/5/2010 | 19.4 | 3.4 | 23.1 | 4.4 | -3.7 | -1 | -3.7 | -1 | emissions calculated using current actual production instead of equipment design production |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8820 | EnCana | Stud Horse Butte 8-14 CF | MD-8820 | 1/13/2010 | 19.3 | 3.7 | 16.7 | 0.4 | 2.6 | 3.3 | 3.9 | 3.6 | Permit Actions: AP-8820 Notes: |
| 8912 | EnCana | Stud Horse Butte 1-29 CF | MD-8912 | 1/13/2010 | 23 | 4.3 | 213 | 4.8 | -190 | -0.5 | -190 | -0.5 | Permit Actions: AP-8912 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 11016 | EnCana | Stud Horse Butte 1-29 CF | MD-8912 | 8/16/2010 | 22.6 | 5.1 | 23 | 4.3 | -0.4 | 0.8 | -0.4 | 0.9 | |
| 8919 | EnCana | Hacienda 6-19 CF | MD-8919 | 1/13/2010 | 5.7 | 1.1 | 17.3 | 0.4 | -11.6 | 0.7 | -11.6 | 0.8 | Permit Actions: AP-8919 Notes: controlling tanks, dehys and pumps that didn't previously require controls |
| 8922 | EnCana | Yellow Point 10-13 CF | MD-8922 | 1/13/2010 | 20.4 | 3.5 | 87.6 | 3.4 | -67.2 | 0.1 | -67.2 | 0.1 | Permit Actions: AP-8922 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 9149 | EnCana | Stud Horse Butte 124-11 CF | MD-9149 | 1/13/2010 | 16.1 | 3.8 | 17.9 | 0.1 | -1.8 | 3.7 | -1.8 | 4.1 | Permit Actions: AP-9149 Notes: |
| 9216 | EnCana | Stud Horse Butte 1-34 CF | MD-9216 | 1/20/2010 | 9.9 | 2.3 | 11.4 | 1.6 | -1.5 | 0.7 | -1.5 | 0.8 | Permit Actions: AP-9216 Notes: reduction in dehydration units and controlling pneumatic pumps |
| 11149 | EnCana | Stud Horse Butte 1-34 CF | MD-9216 | 10/27/2010 | 9.4 | 1.5 | 9.9 | 2.3 | -0.5 | -0.8 | -0.5 | -0.8 | |
| 9253 | EnCana | Stud Horse Butte 1-27 | MD-9253 | 1/13/2010 | 19.1 | 5 | 61.5 | 9.6 | -42.4 | -4.6 | -42.4 | -4.6 | Permit Actions: AP-9253 Notes: consolidating wells that previously required no controls and decrease in pneumatic pumps |
| 9282 | EnCana | Cabrito 2-31 CF | MD-9282 | 1/14/2010 | 8.6 | 1.9 | 10.7 | 1 | -2.1 | 0.9 | -2.1 | 1 | Permit Actions: AP-9282 Notes: controlling pneumatic pumps |
| 9351 | EnCana | Stud Horse Butte 16-28/9-28 Central Factility | MD-9351 | 1/14/2010 | 7.3 | 2.2 | 36.4 | 1.8 | -29.1 | 0.4 | -29.1 | 0.4 | Permit Actions: AP-9351 Notes: consolidating wells and controlling previously uncontrolled equipment |
| 9455 | EnCana | Stud Horse Butte 2-28 CF | MD-9455 | 1/14/2010 | 18.9 | 4.6 | 14 | 2.6 | 4.9 | 2 | 7.4 | 2.2 | Permit Actions: AP-9455 Notes: |
| 9456 | EnCana | Stud Horse Butte 15-28 CF | MD-9456 | 1/14/2010 | 18.7 | 4.7 | 5.8 | 3.3 | 12.9 | 1.4 | 19.4 | 1.5 | |
| 9476 | EnCana | Yellow Point 10-14 CF | MD-9476 | 1/14/2010 | 12.6 | 3.3 | 7.5 | 3.1 | 5.1 | 0.2 | 7.7 | 0.2 | |
| 9592 | EnCana | Jonah Federal 2-8X CF | MD-9592 | 1/14/2010 | 8.3 | 2.8 | 8.5 | 3.6 | -0.2 | -0.8 | -0.2 | -0.8 | production decline |
| 10431 | EnCana | Jonah Federal 2-8X CF | MD-9592 | 3/15/2010 | 19.3 | 3 | 8.3 | 2.8 | 11 | 0.2 | 16.5 | 0.2 | |
| 9654 | EnCana | Cabrito 8-25 CF | MD-9654 | 1/14/2010 | 13.9 | 3.7 | 16.5 | 4.8 | -2.6 | -1.1 | -2.6 | -1.1 | production decline |
| 9725 | EnCana | Section 36 Water Management Facility | MD-9725 | 1/7/2010 | 11.9 | 15.2 | 11.9 | 3 | 0 | 12.2 | 0 | 13.4 | modify water handling facility |
| 9903 | EnCana | Stud Horse Butte 53-16 CF | MD-9903 | 1/14/2010 | 9.4 | 2.4 | 10.9 | 0.9 | -1.5 | 1.5 | -1.5 | 1.7 | controlled pneumatic pumps |
| 10972 | EnCana | Stud Horse Butte 53-16 CF | MD-9903 | 8/9/2010 | 23.9 | 4.4 | 9.4 | 2.4 | 14.5 | 2 | 21.8 | 2.2 | |
| 10006 | EnCana | Jonah Office Building Removal | wv-10006 | 11/17/2009 | 0.1 | 0.2 | 1.5 | 1 | -1.4 | -0.8 | -1.4 | -0.8 | Note: removal of one (1) 217 hp Generac SG140 generator engine (E2) and hour reduction of 217 hp Generac SG140 generator engine (E2) to 500 hours per year |
| 10324 | EnCana | Section 4 Drilling Crude Oil Storage Tank Facility | wv-10324 | 2/23/2010 | 4.8 | | 0 | | 4.8 | | 7.2 | | Note: installation of eight (8) 400 bbl drilling oil storage tanks |
| 10430 | EnCana | Section 32 Methanol Tank | wv-10430 | 3/17/2010 | 0.5 | 0 | 0.3 | 0 | 0.2 | 0 | 0.2 | 0 | |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10482 | EnCana | Stud Horse Butte 122-10W | wv-10482 | 3/18/2010 | 0.3 | 0.3 | 0 | 0 | 0.3 | 0.3 | 0.5 | 0.3 | Note: one (1) 105 hp Kohler 60RZG natural gas fired generator engine |
| 10632 | EnCana | Stud Horse Butte 4-36 Water Well | wv-10632 | 5/12/2010 | 0.4 | 0.3 | 0 | 0 | 0.4 | 0.3 | 0.6 | 0.3 | Note: one (1) 105 hp Kohler field gas fired generator engine |
| 10637 | EnCana | Jonah Storage Yard | wv-10637 | 6/21/2010 | 2.93 | 3.6 | 2.9 | 3.6 | 0.03 | 0 | 0.05 | 0 | increase VOC emission rate to 1.0 g/hp-hr for 72 hp Ford LRG425 engine |
| 10991 | EnCana | Cabrito 14-25 | wv-10991 | 9/1/2010 | | | | | | | | | no offset required because engine is temporary (less than 12 months) |
| 10992 | EnCana | Stud Horse Butte 48-17 | wv-10992-1&2 | 9/28/2010 | | | | | | | | | offsets are not required for this permitting action as the separator is a temporary source and emission increases are temporary |
| 11018 | EnCana | Stud Horse Butte 84-9 | wv-11018-1&2 | 9/29/2010 | | | | | | | | | offsets are not required for this permitting action as the combustion device is a temporary source and there are no emission increases |
| 11034 | EnCana | Section 32 Storage Yard | wv-11034 | 12/3/2010 | 1.2 | 0.5 | 0 | 0 | 1.2 | 0.5 | 1.8 | 0.6 | installation of one (1) 105 hp Kohler 60RZG generator engine |
| 11252 | EnCana | Stud Horse Butte 2-36 CF | wv-11252 | 11/2/2010 | | | | | | | | | Note: temporary waiver limited to one (1) year. No offsets required. |
| 11253 | EnCana | Stud Horse Butte 15-27 CF | wv-11253 | 12/1/2010 | | | | | | | | | offsets are not required for this permitting action as the equipment is a temporary source and there are no emission increases |
| 12234 | EnCana | Great Divide 10 | wv-12234 | 8/26/2011 | 2.6 | 0.2 | 0 | 0 | 2.6 | 0.2 | 3.9 | 0.2 | |
| 12379 | EnCana | Jonah Field Downhole Pilot Testing | wv-12379 | 8/26/2011 | | | | | | | | | Temporary pilot tests limited to 90 days, no offsets required. |
| 7561 | EnCana | Jonah Field Office | wv-7561 | 10/27/2008 | 1.5 | 1 | 0 | 0 | 1.5 | 1 | 1.1 | -0.1 | Permit Actions: wv-7561 Notes: new facility, relinquishing authority to operate engines authorized under waivers AP-4396 and AP-4397 |
| 8132 | EnCana | Section 32 Methanol Tank | wv-8132 | 9/18/2008 | 0.3 | 0 | 0 | 0 | 0.3 | 0 | 0.3 | 0 | Permit Actions: wv-8132 Notes: |
| 8785 | EnCana | Stud Horse Butte 53-16 CF | wv-8785 | 12/30/2008 | | | | | | | | | Temporary waiver - no offsets required. |
| 9215 | EnCana | Yellow Point 1-12 Pad | wv-9215 | 4/28/2009 | | | | | | | 0 | 0 | Temporary waiver - no offsets required. |
| | EnCana | | | 4/1/2009 | | | | | | | 76.9 | -76.9 | recognize offset trade VOC for Nox |
| | EnCana | | | 10/6/2011 | | | | | | | 3.5 | | VOC credits given to Lower Valley Energy, AP-12310 |
| 13194 | EnCana | Jonah Federal 5-4 CF | | | 8.3 | 2.7 | 7.6 | 1.5 | 0.7 | 1.2 | 1.1 | 1.3 | |
| 13204 | EnCana | Cabrito 14-25 | | | 13.1 | 3.3 | 12.8 | 3.1 | 0.3 | 0.2 | 0.5 | 0.2 | installation of one (1) Arrow VR260 generator engine to power a VRU to capture all the waste gas at the facility, recompress it and route it to the sales gas line. |

| App Num | Company | Facility | Permit Number | Permit Date | Current VOC | Current NOx | Base VOC | Base NOx | Delta VOC | Delta NOx | Offset VOC | Offset NOx | DemoComments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13205 | EnCana | Stud Horse Butte 2-36 CF | | | 12.2 | 3.3 | 11.9 | 3.1 | 0.3 | 0.2 | 0.5 | 0.2 | permanent installation of one (1) Condensate Stabilization Unit, consisting of one (1) 0.075 MMBtu/hr condensate stabilization heater and one (1) Arrow VR260 generator engine |
| 13210 | EnCana | Portable Water Well Pump Generator | | | 0.5 | 0.5 | 0 | 0 | 0.5 | 0.5 | 0.8 | 0.6 | one (1) 105 hp Kohler 60RZG natural gas fired generator engine to be operated as a portable generator in the JPAD |
| 13195 | EnCana | Stud Horse Butte 12-36/29-35 CF | | | 11.1 | 2.9 | 11.6 | 3.5 | -0.5 | -0.6 | -0.5 | -0.6 | declining production |
| 13400 | EnCana | Cabrito 2-31 CF | | | 7.1 | 2.1 | 8.6 | 1.9 | -1.5 | 0.2 | -1.5 | 0.2 | declining production |
| | | | **EnCana Total** | | **2897.6** | **1002.1** | **4930.6** | **1069.7** | **-2033.0** | **-67.3** | **-1760.1** | **-124.6** | |