

| Data updated on |                | 10/6/2017          |                            | Distance in feet from: |  |                     |               |                         |                               |                  |                         |                        |                        |                                  |      |      |          |   |
|-----------------|----------------|--------------------|----------------------------|------------------------|--|---------------------|---------------|-------------------------|-------------------------------|------------------|-------------------------|------------------------|------------------------|----------------------------------|------|------|----------|---|
| Map #           | Well Name      | Operator           | Total Wells Planned on Pad | In UMA?                | Location Description                             | Address             | Parcel Number | Occupied Building Unit* | High Occupancy Building Unit* | Nearest School** | Date Submitted to COGCC | Comment Period Start   | Comment Period End     | COGCC Permit Status              | MOU? | USR? | Drilled? | Date letter(s) sent to residences w/in 1/2 mile             |
| 1               | Ivey           | Ward Petroleum     | 26                         | No                     | NW corner of E 152nd and York                    | XX                  | 0157311400004 | 2,606                   | 3,296                         | 3,458            | 5/18/2015 - 6/23/2015   | 6/5/2015 - 6/25/2015   | 6/25/2015 - 7/15/2015  | Approved 11/20/2015              | Yes  | No   | No       | 5/8/15, 6/9/15, 6/22/15                                     |
| 2               | Kortum         | Great Western      | 25                         | No                     | East of Quebec and South of E-470                | 14390 Quebec St     | 0157121000017 | 915                     | 5,280+                        | 7,068            | 7/6/2015                | 7/20/2015              | 8/11/2015              | Approved 9/30/2015               | Yes  | No   | No       | 6/9/15, 6/22/15, 7/21/15, 11/3/15                           |
| 3               | Schaefer       | Ward Petroleum     | 30                         | No                     | NW corner of 136th and Potomac St                | 13295 E 136th Ave   | 0157124000017 | 573                     | 5,280+                        | 4,639            | 7/7/2015                | 7/14/2015 - 7/16/2015  | 8/3/2015 - 8/5/2015    | Approved 9/29/2015               | Yes  | Yes  | Yes      | 9/2/14, 9/25/14, 12/4/14, 2/9/15, 7/21/15, 7/23/15, 7/27/15 |
| 4               | Ward Riverdale | Ward Petroleum     | 18                         | Yes                    | East of 148th and Hanover St                     | 14781 Riverdale Rd  | 0157114300001 | 568                     | 5,280+                        | 8,727            | 8/19/2015               | 8/26/2015              | 9/17/2015              | Approved 12/13/2015              | Yes  | N/A  | Yes      | 2/9/15, 2/16/15, 8/31/15                                    |
| 5               | Corcilus       | PetroShare         | 8                          | No                     | SE corner of 168th and Colorado Blvd             | 4200 E 168th Ave    | 0157106001003 | 568                     | 5,280+                        | 10,851           | 9/22/2015               | 10/2/2015              | 10/30/2015             | Approved 12/10/2015              | Yes  | No   | No       | [9/25/15]   |
| 6               | Anderson       | Ward Petroleum     | 12                         | No                     | NW corner of 144th and Sable                     | 13701 E 144th Ave   | 0156918000041 | 831                     | 5,280+                        | 3,207            | 9/28/2015 - 10/8/2015   | 10/6/2015 - 10/20/2015 | 10/26/2015 - 11/9/2015 | Approved 1/16/2016               | Yes  | N/A  | Yes      | 2/27/15, 10/9/15, 10/19/15, 10/23/15, 11/3/15               |
| 7               | Afton          | Raisa II Operating | 8                          | No                     | NW corner of 152nd and Colorado Blvd             | 15295 Colorado Blvd | 0157312004002 | 430                     | 3,230                         | 3,439            | 10/15/2015              | 10/20/2015             | 11/10/2015             | Approved 12/23/2015 - 12/30/2015 | No   | N/A  | Yes      | 4/29/15, 10/23/15   |
| 8               | State of CO    | HRM Resources II   | 10                         | No                     | NE corner of E 120th Ave and Piccadilly          | XX                  | 0156900000077 | 1,158                   | 4,195                         | 20,471           | 11/11/2015              | 11/12/2015             | 12/3/2015              | Approved 2/7/2016 - 2/8/2016     | Yes  | N/A  | Yes      | 11/16/15  |
| 9               | Sharp          | Ward Petroleum     | 10                         | No                     | NE corner of 136th and Brighton Rd               | 12361 136th Ave     | 0157124000015 | 551                     | 5,280+                        | 5,787            | 11/12/2015 - 11/13/2015 | 11/13/2015             | 12/7/2015              | Approved 6/29/2016               | Yes  | N/A  | Yes      | 11/19/15, 12/8/15, 2/23/17                                  |
| 10              | Rio-LA         | Raisa II Operating | 7                          | No                     | SE corner of 168th and Colorado Blvd             | XX                  | 0157106001001 | 598                     | 5,280+                        | 10,720           | 12/23/2015              | 12/28/2015 - 1/8/2016  | 1/17/2016 - 1/28/2016  | Approved 5/31/2016               | No   | No   | No       | 1/4/16, 1/5/16, 1/13/16                                     |
| 12              | Seltzer        | Great Western      | 13                         | No                     | SW corner of 168th and Yosemite St               | XX                  | 0157014100005 | 956                     | 5,280+                        | 20,293           | 3/1/2016                | 3/7/2016               | 3/27/2016              | Approved 8/22/2016               | Yes  | No   | No       | 3/9/16  |
| 13              | Shook          | PetroShare         | 14                         | No                     | NW corner of Hwy 7 and Havana St                 | XX                  | 0157103400001 | 895                     | 5,280+                        | 15,315           | 3/16/2016               | 3/24/2016              | 4/13/2016              | Approved 9/9/2016                | Yes  | Yes  | Yes      | 3/30/16   |
| 14              | Rock Family    | Great Western      | 7                          | No                     | SW corner of 144th and Piccadilly                | XX                  | 0156900000296 | 981                     | 5,280+                        | 12,414           | 5/2/2016                | 5/11/2016              | 5/29/2016              | Approved 7/28/2016               | Yes  | No   | No       | 5/13/16   |
| 15              | Alicia         | Raisa II Operating | 10                         | No                     | NW of 152nd Ave and Colorado Blvd                | XX                  | 0157312000025 | 657                     | 1,933                         | 2,149            | 8/19/2016               | 8/23/2016              | 9/12/2016              | Approved 10/1/2016               | No   | N/A  | Yes      | 8/24/16   |
| 16              | Ocho           | Great Western      | 32                         | No                     | SW of Hwy7 and Holly St                          | 15751 Monaco ST     | 0157108200002 | 1,375                   | 5280+                         | 9,856            | 9/2/2016                | 9/14/2016              | 10/4/2016              | Approved 2/9/2017                | Yes  | Yes  | Yes      | 9/19/16   |
| 17              | Lewton         | Kerr McGee         | 1                          | No                     | NW of 160th Ave and Yulle Rd                     | XX                  | 0156300000116 | 5,122                   | 5280+                         | 87,179           | 9/16/2016               | 9/23/2016              | 10/13/2016             | Approved 12/17/2016              | Yes  | Yes  | Yes      | 9/30/16   |
| 18              | Buschholz      | Kerr McGee         | 1                          | No                     | SE of 160th Ave and Yulle Rd                     | XX                  | 0156100000014 | 5280+                   | 5280+                         | 79,262           | 9/30/2016               | 10/11/2016             | 10/31/2016             | Approved 1/7/2017                | Yes  | No   | No       | 10/12/16  |
| 19              | Alma           | Extraction         | 16                         | No                     | NW of 128th Ave and Gun Club Road                | XX                  | 015925400003  | 1,518                   | 5280+                         | 25,541           | 1/6/2017                | 1/13/2017              | 2/2/2017               | Approved 4/7/2017                | Yes  | No   | No       | 1/20/17   |
| 20              | PC             | Extraction         | 16                         | No                     | S of 132nd Ave between Sable Blvd and Buckley Rd | 16500 E 132nd Ave   | 015692910001  | 1,347                   | 5280+                         | 10,881           | 1/19/2017               | 1/26/2017              | 2/25/2017              | Approved 4/22/2017               | Yes  | No   | No       | 2/6/17  |
| 21              | Weltzer        | Great Western      | 27                         | No                     | SW corner of 168th and Yosemite St               | XX                  | 0157014100005 | 1,085                   | 5280+                         | 20,293           | 1/24/2017               | 1/27/2017              | 2/16/2017              | HOLD                             | Yes  | No   | No       | 1/31/17   |
| 22              | Gus            | Great Western      | 36                         | No                     | East of Quebec and South of E-470                | 14390 Quebec St     | 0157121000017 | 1,117                   | 3,428                         | 6,485            | 2/16/2017               | 2/22/2017              | 3/14/2017              | Withdrawn                        | Yes  | No   | No       | 2/22/17   |
| 23              | B-Farm LD      | Great Western      | 36                         | No                     | SE corner of Hwy 7 and Colorado Blvd             | XX                  | 0157107000016 | 702                     | 2,440                         | 6,546            | 2/16/2017               | 2/23/2017              | 3/15/2017              | In Process                       | Yes  | No   | No       | 3/6/17  |
| 24              | Basline LD     | Great Western      | 22                         | No                     | SE of 168th and Lima St                          | XX                  | 0157102100003 | 698                     | 5280+                         | 10,989           | 2/22/2017               | 3/1/2017               | 3/21/2017              | Withdrawn                        | Yes  | No   | No       | 3/8/17  |
| 25              | Edmundson      | Ward Petroleum     | 24                         | No                     | SE of Sable and 132nd                            | 15300 E 132ND AVE   | 0156930000033 | 1,248                   | 5,280                         | 8,412            | 5/30/2017               | 6/7/2017               | 6/27/2017              | In Process                       | Yes  | No   | No       | 6/9/17  |
| 26              | Tracy          | Verdad Resources   | 7                          | No                     | SW of Gunclub and 160th                          | XX                  | 0156912100002 | 1,013                   | 5,280                         | 8,387            | 5/19/2017               | 5/26/2017              | 6/25/2017              | HOLD                             | NO   | N/A  | No       | 6/16/17   |
| 27              | Tower LD       | Great Western      | 30                         | No                     | SE Quebec and 144th                              | XX                  | 157121000016  | 1,131                   | 5,280                         | 7,500            | 6/2/2017                | 6/12/2016              | 7/2/2017               | In Process                       | Yes  | No   | No       | 6/16/17   |
| 28              | Baseline LE    | Great Western      | 30                         | No                     | SE 168th & Tucson St                             | XX                  | 157102100003  | 770                     | 3942                          | 10,603           | 7/12/2017               | 7/28/2017              | 7/27/2017              | In Process                       | Yes  | No   | No       | Pending   |
| 29              | Hunton         | Verdad Resources   | 8                          | No                     | SE 168th & Harvest Rd.                           | 16730 Harvest Rd.   | 0156700000312 | 582                     | 5280                          | 15,653           | 8/7/2017                | 8/30/2017              | 9/20/2017              | In Process                       | NO   | No   | No       | Pending   |
| 30              | Brant LE       | Great Western      | Pending 2A                 | No                     | SW SH7 & Riverdale                               | 15655 Riverdale Rd. | 0157112010003 | 617                     | 4439                          | 8,090            | Pending 2A              | Pending 2A             | Pending 2A             | Pending 2A                       | Yes  | No   | No       | Pending   |
| 31              | Conner         | Petroshare         | 14                         | NO                     | NW Gun Club Rd & E. 136th Ave                    | XX                  | 0156719300004 | 2220                    | 5280+                         | 17969            | 8/9/2017                | 8/14/2017              | 9/6/2017               | In Process                       | Yes  | No   | No       | Pending   |
| 32              | Wakeman Pad    | Petroshare         | 16                         | NO                     | NW 136th & Powhatan Rd.                          | 13721 Powhatan Rd   | 156720400003  | 1679                    | 5280+                         | 22240            | 10/2/2017               | 10/2/2017              | 10/22/2017             | In Process                       | Yes  | No   | No       | 10/4/2017   |

**Current MOU Status**

| Date Signed by Operator | Operator                 | Date Signed by AdCo |
|-------------------------|--------------------------|---------------------|
| 1/5/2015                | Bill Barrett/HRM         | 1/27/2015           |
| 1/6/2015                | Great Western            | 1/27/2015           |
| 1/15/2015               | ConocoPhillips           | 1/27/2015           |
| 2/16/2015               | Synergy Resources        | 3/22/2016           |
| 2/17/2015               | Ward Petroleum           | 6/30/2015           |
| 7/10/2015               | Extraction O&G           | 3/22/2016           |
| 9/8/2015                | Petroshare               | 3/22/2016           |
| 10/20/2015              | PDC Energy               | 3/22/2016           |
| 9/6/2016                | Anadarko (site-specific) | 10/4/2016           |
| 11/10/2016              | Edge Energy              | 12/15/2016          |
| 12/28/2016              | Bison Oil & Gas, LLC     | 3/7/2017            |

**AUSR Permit Applications**

| Operator       | Location         | Number of Wells | Date Submitted | Referral (Comment) Start | Referral (Comment) End | Application Status | Approved/Denied |
|----------------|------------------|-----------------|----------------|--------------------------|------------------------|--------------------|-----------------|
| PetroShare     | Shook            | 14              | 7/12/2016      | 7/19/2016                | 8/9/2016               | Complete           | Approved        |
| Ward Petroleum | Schaefer         | 30              | 9/23/2016      | 9/30/2016                | 10/21/2016             | Complete           | Approved        |
| Ward Petroleum | Todd Creek Farms | 12              | 9/23/2016      | 9/30/2016                | 10/21/2016             | Withdrawn          |                 |
| Kerr McGee     | Lewton           | 1               | 12/1/2016      | 12/8/2016                | 12/29/2016             | Complete           | Approved        |
| Great Western  | Ocho             | 32              | 12/13/2016     | 12/20/2016               | 1/10/2017              | Complete           | Approved        |
| Extraction     | Alma             | 20              | 12/22/2016     | 12/29/2016               | 1/19/2017              | Complete           | Approved        |
| Ward Petroleum | Ivey             | 26              | 2/7/2017       | 2/13/2017                | 3/6/2017               | Staff Report       |                 |
| Extraction     | PC               | 20              | 3/1/2017       | 3/8/2017                 | 3/29/2017              | Staff Report       |                 |
| Kerr McGee     | Buchholz         | 1               | 4/25/2017      | 5/2/2017                 | 5/23/2017              | Complete           | Approved        |
| Great Western  | B-Farm           | 36              | 7/17/2017      | 7/20/2017                | 8/10/2017              | Staff Report       |                 |
| Great Western  | Edmunson         | 24              | 10/4/2017      | 10/9/2017                | 10/30/2017             | Intake             |                 |

| Report Date | Jurisdiction | Approx. Location                                | Operator                          | Pad Name                   | Spill Type | Spill Fluid         | Spill Volume (barrels)                | Cause of Spill   | Status of Cleanup |
|-------------|--------------|---|-----------------------------------|----------------------------|------------|---------------------|---------------------------------------|--|-------------------|
| 11/17/2016  | Adams County | SE of Hwy 7 and Riverdale Rd                    | Gibson Trucking Services          | Riverdale                  | Recent     | Oil                 | >9                                    | Tanker overturned  | Complete          |
| 11/17/2016  | Aurora       | NW of 56th Ave and Hudson Rd                    | Hyndrex Resources                 | 248-1 Cottonwood-Uppr      | Recent     | Oil                 | >1 and <5                             | Production line leak   | Ongoing           |
| 11/18/2016  | Thornton     | NW of 136th Ave and Quebec St                   | Extraction                        | Aylor                      | Historical | Oil, Produced Water | Unknown                               | Flow line leak   | Complete          |
| 12/7/2016   | Adams County | NE of Converse Rd and 80th Ave                  | Crimson Exploration Operating Inc | 23-27 Upper Antelope Farms | Recent     | Oil, Produced Water | >=1 and <5; >=5 and <100              | Line freeze  | Ongoing           |
| 2/22/2017   | Adams County | NW of Highway 7 and Yosemite St                 | PetroShare                        | 44-4 Ehler                 | Historical | Oil                 | >=1 and <5                            | Line degradation   | Complete          |
| 2/23/2017   | Thornton     | SE of Holly and 144th                           | Energy Search Company             | 2 Ginther                  | Historical | Produced Water      | 5<                                    | Under investigation  | Complete          |
| 2/24/2017   | Adams County | SW of 112th and Xmore Rd                        | Bayswater Exploration             | 4 Anderson                 | Recent     | Oil                 | >=100                                 | Tank breach  | Complete          |
| 3/2/2017    | Adams County | SE of 112th and Himalaya St                     | HRM Resources II LLC              | 2-11 HSR Van Shaack        | Recent     | Oil                 | <1                                    | Failed vic fitting   | Complete          |
| 3/10/2017   | Adams County | SW of 156th and Colorado                        | Mendell Finisterre II LLC         | Darlow 12-16B              | Historical | Oil, Produced Water | >0 and <1; >=5 and <100               | Flow line leak   | Complete          |
| 3/16/2017   | Adams County | NE of 104th and Imboden                         | HRM Resources II LLC              | 31-8 Kelton 'A'            | Recent     | Oil                 | >1 and <5                             | Flow line leak   | Soil excavation   |
| 3/28/2017   | Adams County | NE of E 144th and Hayesmount                    | Extraction                        | Minnick                    | Historical | Produced Water      | >1 and <5                             | Historical discovered during removal of buried water vault                               | Complete          |
| 4/10/2017   | Adams County | NW 156 and Colorado Blvd                        | Mendell Finisterre II LLC         | 2 Elms                     | Historical | Produced Water      | >5                                    | Historical discovered during removal of buried water vault                               | Soil excavation   |
| 5/19/2017   | Adams County | East of Petterson Rd and 160th ave intersection | DCP MIDSTREAM LP                  | N/A pipe line              | Recent     | Oil                 | >1                                    | Suspected minor leak discovered during pipe line inspection by operator                  | Complete          |
| 6/8/2017    | Adams County | Schumaker Rd North of 160th ave.                | DCP MIDSTREAM LP                  | N/A pipe line              | Recent     | Oil                 | >1                                    | Minor leak discovered during routine inspection by operator                              | Complete          |
| 6/8/2017    | Adams County | Schumaker Rd North of 160th ave.                | DCP MIDSTREAM LP                  | N/A pipe line              | Recent     | Oil                 | >1                                    | Minor leak discovered during routine inspection by operator                              | Ongoing           |
| 6/28/2017   | Adams County | NE Tower rd & 128th                             | Colton Limited                    | 1 Green                    | Historical | Process Water       | >1                                    | Historical, discovered during the removal of a tank battery                              | Ongoing           |
| 7/31/2017   | Adams County | East of Wolf Creek Rd on E. 48th Ave            | Kerr Mcgee                        | Gathering Line             | Historical | Oil                 | Not Reported                          | Historical leak of subsurface gathering line   | Complete          |
| 8/3/2017    | Adams County | East of Wolf Creek Rd on E. 48th Ave            | Kerr Mcgee                        | Gathering Line             | Historical | Oil                 | Not Reported                          | Historical leak of subsurface gathering line   | Complete          |
| 8/4/2017    | Thornton     | SW of Yosemite & 136th                          | Energy Search Company             | Flow line                  | Historical | Oil                 | 1920 Square Feet, volume not reported | Historical leak of subsurface flow line  | Ongoing           |
| 8/16/2017   | Adams County | NE of Shumaker Rd & E.72nd Ave                  | HRM Resources II LLC              | Bypass Line                | Recent     | oil                 | >1                                    | Leak in the bypass line during swabbing (process to release down hole pressure) project. | Ongoing           |

\*\* Indicates waiting for more information