

Data updated on		7/6/2018		Distance in feet from:													Date letter(s) sent to residences w/in 1/2 mile
Map #	Well Name	Operator	Total Wells Planned on Pad	In UMA?	Location Description	Address	Parcel Number	Building Unit*	High Occupancy Building Unit*	Nearest School**	Date Submitted to COGCC	Comment Period Start	Comment Period End	COGCC Permit Status	MOU?	USR?	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	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	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	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	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	[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	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	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	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	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	1/4/16, 1/5/16, 1/13/16
12	Seltzer	Great Western	30	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	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	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	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	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	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	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	Yes	10/12/16
19	Alma	Extraction	16	No	NW of 128th Ave and Gun Club Road	XX	0159254000003	1,518	5280+	25,541	1/6/2017	1/13/2017	2/2/2017	Approved 4/7/2017	Yes	Yes	1/20/17
20	PC	Extraction	16	No	S of 132nd Ave between Sable Blvd and Buckley Rd	16500 E 132nd Ave	0156929100001	1,347	5280+	10,881	1/19/2017	1/26/2017	2/25/2017	Approved 4/22/2017	Yes	Yes	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	Withdrawn	Yes	Yes	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	Yes	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	Approved 11/05/2017	Yes	Yes	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	Yes	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	Approved 02/04/2018	Yes	Yes	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	?	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	Yes	6/16/17
28	Baseline LE	Great Western	30	No	SE 168th & Tucson St	XX	1571021000003	770	3942	10,603	7/12/2017	7/28/2017	7/27/2017	In Process	Yes	Yes	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	Withdrawn	NO	Yes	Pending
30	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	HOLD	Yes	Yes	Pending
31	Wakeman Pad	Petroshare	16	NO	NW 136th & Powhatan Rd.	13721 Powhatan Rd	0156720400003	1679	5280+	22240	10/2/2017	10/2/2017	10/22/2017	HOLD	Yes	Yes	10/4/2017

32	Brant LD	Great Western	30	No	SW SH7 & Riverdale	15655 Riverdale Rd.	0157111100010	692	5280	8,643	9/25/2017	10/20/2017	11/9/2017	In Process	Yes	Yes	10/23/2017
33	Palacios	Petroshare	12	NO	NW 144th Ave. & Hayesmount Rd.	29000 E. 148th Ave	0156715400001	1064	5280+	28340	10/5/2017	10/23/2017	11/12/2017	HOLD	Yes	Yes	10/25/2017
34	PetroShare State	Petroshare	16	NO	SE 152nd Ave & Powhaton	14810 Powhaton	0156700000051	1019	5280+	23190	10/11/2017	10/30/2017	11/19/2017	HOLD	Yes	Yes	11/2/2017
35	Ackard North Pad	Petroshare	16	NO	NW 112th Ave & Picadilly Rd.	20891 E 112th Ave	0172302200002	522	5280+	14890	10/30/2017	11/21/2017	12/12/2017	HOLD	Yes	Yes	11/27/2017
36	Venturers 41-4H	ConocoPhillips	1	NO	SW E48th and Imboden Rd	XX	0181700000170	1017	5280+	50304	2/10/2012	2/10/2012	3/2/2012	Approved	Yes	Yes	12/12/2017
37	MCC 3-66 North Pad	GMT Exploration Co.	10	NO	NW of Gun Club Rd and E 26th Ave	XX	0182125200002	2351	5280+	13021	12/8/2017	12/8/2017	1/7/2018	In Process	NO	?	12/13/2017
38	MCC 3-66 South Pad	GMT Exploration Co.	6	NO	NW of Gun Club Rd and E 26th Ave	XX	0182125200002	1241	5280+	1200	12/8/2017	12/8/2017	1/7/2018	In Process	NO	?	12/13/2017
39	Duck Club	Extraction	12	NO	NW of 152nd Ave and Gun Club Road	XX	0156900000278	1140	3895	4373	12/21/2017	12/29/2017	1/18/2017	In Process	Yes	Yes	1/3/2017
40	Bunn	Ward Petroleum	12	NO	SW of Colorado Blvd and E168th Ave	XX	0157301000008	1701	5280+	9180	12/28/2017	1/9/2018	2/8/2018	HOLD	YES	Yes	1/10/2018
41	Tollway LD	Great Western	30	NO	SE of Colorado Blvd and 156th Ave	XX	0157107000023	646	4963	4963	1/22/2018	2/5/2018	3/8/2018	In Process	YES	Yes	2/13/2018
42	Crow 3-64	Burlington Resources	4	NO	SE of 38th Ave & Imboden Rd	XX	0181720100001	2934	5280	39370	3/29/2018	5/17/2018	6/17/2018	In Process	YES	Yes	5/18/2018
43	Sparrow	Extraction	16	NO	South of 88th Ave, between Himalaya St. and HWY 470.	20420 E 88th Ave	0172300000265	2275	5280	11254	5/16/2018	5/23/2018	6/22/2018	In Process	YES	Yes	5/19/2018

\* BUILDING UNIT: a Residential Building Unit; and every five thousand (5,000) square feet of area in warehouses that are operating and normally occupied during working hours. Building floor area in commercial facilities or every fifteen thousand (15,000) square feet of building floor area.  
\* HIGH OCCUPANCY BUILDING UNIT: any operating Public School, Nonpublic School, Nursing Facility, Hospital, Life Care Institutions, or Correctional Facility, provided the facility or institution regularly serves 50 or more persons; or an operating Child Care Center as defined in § 26-6-102(1.5), C.R.S.

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
1/30/2018	GMT	3/13/2018

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 1/27/2017	10/21/2016 2/17/2017	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	Complete	Approved
Extraction	PC	20	3/1/2017	3/8/2017	3/29/2017	Complete	Approved
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	Complete	Approved
Ward Petroleum	Edmunson	24	10/4/2017	10/9/2017	10/30/2017	Complete	Approved
ConocoPhillips	Venturer	1	12/5/2017	12/12/2017	1/2/2018	Complete	Approved
Extraction	Duck Club	12	2/28/2018	3/7/2018	3/28/2018	Staff Report	
Great Western	Seltzer	30	6/7/2018	6/19/2018	7/10/2018	Referral Period	

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	Complete
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	Complete
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.	Complete
10/2/2017	Adams County	NE of 104th and Himalaya St.	Extraction	Van Schaack 12-11	Recent	Produced Water	10 Barrels	Leaking produced water storage vessle	Ongoing
11/3/2017	Thornton	NW of 160 <sup>th</sup> and Colorado Blvd.	Extraction	4 MORRISON 33-1	Recent	Produced Water	Not Reported	Leaking produced water storage vessle	Ongoing
11/6/2017	Adams County	NE 128th Ave and Gun Club Rd.	Extraction	1- Wenzel	Recent	Produced Water	10 Barrels	Leaking produced water storage vessle	Complete 12/15/2017
12/15/2017	Commerce City	East of tower road on E 100th ave	PetroShare	Separator/Flow line	Historical	Oil	>5 Barrels	Spill was identified during the abandonment of a flowline	Ongoing
2/3/2018	Aurora	SE of 56th Ave and Monaghan Rd	Burlington Resources	Pit Cleaning Operations	Recent	Oil Based Mud	>5 Barrels	spill occurred during pit cleaning operations. Impacted soils were excavated	2/15/2018
4/10/2018	Commerce City	SW of Tower road and 96th Ave	Extraction	Flow line	Historical	Oil	>5 Barrels	Spill was identified as a result of a failed MIT	Ongoing
6/18/2018	Thornton	NW 152nd & Washington	Extraction	Sharpe	Historical	Produced Water	>5 Barrels	Leaking produced water storage vessle	Ongoing

Report Date	Operator	Pad Name	Complaint	Resolution
11/6/2017	Ward Petroleum	Schaefer	Two complaints were filed due to seismic like activities that were being felt by residents near the well pad.	The site was in "upset conditions" which was resolved by the operator adjusting their operating pressures. No additional seismic activities have been experienced. No releases resulted from the site conditions.
9/14/2017	Ward Petroleum	Schaefer	The complaint was about flaring and seismic activity impacting the Little Valley Wholesale Nursery.	A COGCC inspector conducted a noise study and found the site was not compliant with COGCC rule 802.d which regulates noise. The operator turned off a fan for the Emissions Control Device (ECD) which brought the facility back into compliance.
11/27/2017	Ward Petroleum	Schaefer	The complaint was for seismic activity and was filed by Little Valley Wholesale Nursery	According to the complaint form, filed by a COGCC inspector the Site was in upset condition prior to the inspector responding. The Inspector spoke with complainant who has stated that the vibration has not occurred since the upset condition was brought under control. Ward has changed the Vapor Recovery Unit to handle a different pressure load.
1/19/2018	Ward Petroleum	Riverdale	The complaint was for noise and light impacting a nearby resident. COGCC inspector responded to the complaint and provided the following information; A pipeline company was observed in the area installing a pipeline. A representative with the company stated that they experience a freeze the night prior and had to work late as a result.	The issue was addressed and no further complaints have been received.

2/28/2018	Extraction	Alma	A complaint was received by the COGCC with concerns about noise, vibrations, odors, and road damage. The COGCC responded to the complaint and included Adams County to assist with the concerns specific to road conditions, which is outside of the COGCC's jurisdiction.	The COGCC responded to the complaint and will provide a report of their findings. Adams County inspected the road conditions and found the road to be in satisfactory condition. Extraction has a road maintenance agreement for a portion of the road in question so Adams County will continue to work with Extraction to ensure regular maintenance of the road, including the implementation of dust mitigation.
4/27/2018	Renegade Oil and Gas	THORNBURG	A complaint was received by the COGCC with concerns about well production and royalties	The COGCC responded to the complaint and determined no GOCC rules were violated.
5/11/2018	Great Western	Ocho	A complaint was received by the COGCC with concerns about noise and lights.	The COGCC responded to the complaint and was unable to verify noxious odors, the Rig Lights were properly angled inward to the site, and the continuous sound study showed no violations of COGCC rules.
5/22/2018	Petroshare	Shook	A complaint was received by the COGCC with concerns about noise and vibrations.	A COGCC inspector responded to the complaint. The inspector reviewed third party sound record which were provided by the operator. The records did not identify violations of COGCC noise regulations.
6/26/2018	Great Western Operating	Ocho	A complaint was received by the COGCC with concerns about noise.	A COGCC inspector responded to the complaint and found no violations.