

TO: Interested Citizens
Mayor Hogan
Members of City Council
Oil and Gas Committee

THROUGH: Skip Noe, City Manager
Nancy Freed, Deputy City Manager of Operations
Bob Watkins, Planning & Development Services Director

FROM: Jim Sayre, Planning Manager

DATE: December 5, 2013

SUBJECT: Summary of Oil and Gas Permit Activity in Aurora

Some citizens have asked for an overall summary of oil and gas permit activity in the City of Aurora. As part of this outreach effort, we also will update members of City Council and our Oil and Gas Committee as to the status of oil and gas development within the city. The summary is for city oil and gas permit activity. The state has its own permit requirements and process. Both city and state permits are required to drill and complete a well. The attached summary is for City of Aurora permit activity since the City Council updated the oil and gas regulations in July of 2012.

The summary speaks of drilling "pads." "Pads" are drilling sites where one or more wells are drilled. The status indicates whether city and state permits have been issued, or where the city permits are now being reviewed. The table outlines the status of the completion of wells and if they have been producing, or if drilling on the site has "not started." In summary, since July of 2012, there are two producing wells that have been drilled on one pad. Carrizo Oil completed these wells, which are located about one mile south of Front Range Airport. In addition to completing one pad, Carrizo Oil has constructed a fresh water pit to the east of their producing wells. This water pit is used to store fresh water to be used in hydraulic fracturing. It is not used for "flow back" fluids from wells, (which are trucked away from drilling sites and are injected into state permitted wells outside the city).

Conoco Phillips has a city permit to drill at 56th and Harvest Road, but no drilling activity has occurred there. Conoco Phillips purchased the permit and associated mineral rights from Anadarko Petroleum. Conoco Phillips is also working on processing permits for three additional pad sites, as outlined in the table. None of the new sites are within 1,000 feet of a platted residential subdivision, which would trigger the need for a public hearing before the Planning Commission. See the attached map illustrating the location of oil and gas permit activity.

Both Conoco Phillips and Carrizo Oil have completed road agreements with the city. In these agreements the oil companies agree to repair any damage done to city roads from oil and gas activity. Carrizo Oil damaged Manila Road south of Front Range Airport and completed repair work on the road.

Pending and Approved Oil and Gas Permits
After adoption of new oil and gas regulations, July 21, 2012

Operator/Well Name	Well Pad Location	Status	Comments	Map Number
Carrizo-Wildcat-east	Manila Rd/38 th Ave	City and state permits issued. Not started	South of Front Range Airport	1
Carrizo-Wildcat-west	Quail Run Rd/38 th Ave.	Two wells complete/producing	South of Front Range Airport	2
Conoco-Phillips Sun Empire	56 th /Harvest Rd.	City and State drilling permits issued. Not started.	Two miles east of Green Valley Ranch, Denver	3
Conoco-Phillips Cottonwood Creek	Jewell/Monaghan Rd	Under City review	Two miles east of Murphy Creek	4
Conoco-Phillips Sunset/Grimm Motocross	Jewell/Hayesmount Rd	Under City review	Three miles east of Murphy Creek	5
Conoco-Phillips Reserve	38 th /Hayesmount Rd	Under City review	Three miles west of TransPort	6