

## Recent Releases

Jan. 1 – Jan. 9, 2014

The following events were obtained from the Department of Energy (DOE) website:

### **Sulfur Dioxide Leak, Injuries Reported at Phillips 66's 139,000 b/d Wilmington, California Refinery December 31**

Eleven people were treated for minor respiratory problems on Tuesday from a sulfur dioxide leak at Phillips 66's Wilmington, California, refinery. A hazardous materials team was on hand to investigate the scene and investigators said the problem was localized within the grounds of the refinery. The leak was reportedly contained and the incident posed no danger to the surrounding community, according to officials.

<http://losangeles.cbslocal.com/2013/12/31/9-hurt-in-leak-at-wilmington-oil-refinery/>

Posted to DOE website 1-2-14.

### **Motiva Reports Benzene Release at Its 285,000 b/d Port Arthur, Texas Refinery January 1**

Motiva reported benzene was released from the 1886 gasoline tank due to an operations issue at its Port Arthur, Texas refinery, according to a filing with the National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1069942](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1069942) Posted to DOE website 1-3-14.

### **Department of Transportation Issues Warning About Bakken Crude Oil Shipped From North Dakota, Montana January 2**

A safety alert was issued Thursday by the Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) to notify the general public, emergency responders, and shippers and carriers that recent derailments and resulting fires indicate that the type of crude oil being transported from the Bakken region may be more flammable than traditional heavy crude oil. Based upon preliminary inspections conducted after recent rail derailments in North Dakota, Alabama, and Lac-Megantic, Quebec involving Bakken crude oil, PHMSA said it was reinforcing the requirement to properly test, characterize, classify, and where appropriate, sufficiently degasify hazardous materials prior to and during transportation. The announcement said that the Bakken's light, sweet crude oil may be different from traditional heavy crudes because it is prone to ignite at a lower temperature. Experts say lighter crudes, which contain more natural gas, have a much lower flash point. The amount of oil moving by rail in the U.S. has spiked over the last several years; from just more than 10,000 tanker cars in 2009 to a projected 400,000 cars in 2013.

[http://www.phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/1\\_2\\_14%20Rail\\_Safety\\_Alert.pdf](http://www.phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/1_2_14%20Rail_Safety_Alert.pdf)

<http://abcnews.go.com/US/wireStory/warning-issued-oil-shipped-mont-21400646> Posted to DOE website 1-3-14.

### **Update: Citgo to Restart Fire-damaged Crude Unit at Its 174,500 b/d Lemont, Illinois Refinery on January 15**

Citgo Petroleum plans to restart on January 15 the vacuum section of a crude unit that was shut at its refinery in Lemont, Illinois, after an October fire, according to a person familiar with the progress of repairs. The October 23 fire shut the atmospheric and vacuum portions of a crude unit at the plant, which processes mostly heavy Canadian crude. The plant started the atmospheric distillation section on November 11, according to a company statement. The company must demonstrate the safety of its repaired unit to state officials before restarting it, according to the Illinois attorney general's website.

<http://www.hydrocarbonprocessing.com/Article/3293865/Latest-News/Citgo-to-restart-fire-damaged-Illinois-refinery-unit.html> Posted to DOE website 1-6-14.

### **Flint Hills Reports Pinhole Leak on Flare Gas Piping at Its 289,097 b/d Corpus Christi, Texas Refinery January 4**

Flint Hills Resources reported a pinhole leak on flare gas piping at the West Plant of its Corpus Christi, Texas, refinery on Saturday, according to a notice filed with the Texas Commission on Environmental Quality. The leak was mitigated and stopped on Sunday, but the incident had caused uncombusted flare gas to release to the air, the filing said. The filing listed a naphtha hydrotreater as a source of emissions.

Reuters, 8:57 January 6, 2014. Posted to DOE website 1-6-14.

### **Tesoro Reports Gasoline Leak From Pipe at Its 166,000 b/d Martinez, California Refinery January 3**

Tesoro Corp. reported a gasoline leak from a pipe at its Golden Eagle refinery in Martinez, California, according to a filing with Contra Costa Health Services on Friday. There was no flaring at the refinery due to the incident, the filing said.

Reuters, 16:18 January 3, 2014. Posted to DOE website 1-6-14.

### **PBF Reports Flaring at Its 190,000 b/d Delaware City, Delaware Refinery January 3**

PBF Energy Inc. reported flaring and sulfur dioxide emissions at its refinery in Delaware City, Delaware on Friday, according to a filing with state pollution regulators.

Reuters, 16:01 January 3, 2014. Posted to DOE website 1-6-14.

### **ExxonMobil Reports Process Units Problems at Its 238,600 b/d Joliet, Illinois Refinery January 6**

ExxonMobil Corp.'s Joliet, Illinois, refinery reported problems with process units on Monday due to cold weather which caused flaring, according to a notice filed with the National Response Center. The flaring released nitrous oxide and sulfur dioxide emissions, the filing said.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070205](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070205) Posted to DOE website 1-7-14.

### **PBF Reports Flaring, Sulfur Dioxide Emissions at Its 190,000 b/d Delaware City, Delaware Refinery January 7**

PBF Energy Inc. reported flaring and sulfur dioxide emissions at its refinery in Delaware City, Delaware, on Tuesday, according to a filing with state pollution regulators.

Reuters, 10:39 January 7, 2014. Posted to DOE website 1-7-14.

### **Citgo Reports Sulfur Dioxide Emissions at Its 174,500 b/d Lemont, Illinois Refinery January 7**

Citgo Petroleum Corp. reported sulfur dioxide emissions at its Lemont, Illinois refinery, according to a filing with state pollution regulators.

Reuters, 4:13 January 7, 2014. Posted to DOE website 1-7-14.

### **Phillips 66 Reports Unit Electric Issue at Its 239,400 b/d Westlake, Louisiana Refinery**

Phillips 66 reported an electrical problem leading to flaring at its Lake Charles refinery in Westlake, Louisiana, according to a notice filed with the National Response Center. The event is being managed at this time and they are not currently venting, the filing said.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070211](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070211) Posted to DOE website 1-7-14.

### **Alon Reports SRU Feed Diverted to Flare at Its 67,000 b/d Big Spring, Texas Refinery January 6**

Alon USA Energy Inc. reported the sulfur recovery unit (SRU) feed was diverted to the flare for undetermined reasons at its refinery in Big Spring, Texas, according to a filing with the National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070248](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070248) 1-7 Posted to DOE website 1-7-14.

### **PBF Says Most Processing Units Shut at Its 180,000 b/d Paulsboro, New Jersey Refinery Due to Loss of Steam January 7**

PBF Energy Inc. said on Tuesday that loss of steam caused the orderly shutdown of most processing units at its Paulsboro, New Jersey, refinery. The refinery did not have a power interruption, the spokesperson said.

Reuters, 14:14 January 7, 2014. Posted to DOE website 1-8-14.

### **Marathon Says Several Units Shut at Its 120,000 b/d Detroit, Michigan Refinery Due to Cold Weather January 7**

Marathon Petroleum Corp. said its Detroit refinery experienced a loss of instrument air due to extreme cold weather that resulted in several units shutting down. The refinery will begin the process of restarting the affected units, a company spokesman said, and no injuries or offsite impact was reported. Energy intelligence company Genscape reported on Tuesday that a fluid catalytic cracking unit was shut down late Monday at the Detroit refinery. Reuters, 10:31 January 7, 2014. Posted to DOE website 1-8-14.

### **Valero Reports System Shutdown at Its 180,000 b/d Memphis, Tennessee Refinery Due to Cold Weather January 6**

Valero Energy Corp. filed a report with the National Response Center indicating that a system at its refinery in Memphis shutdown due to extremely cold temperatures.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070254](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070254) Posted to DOE website 1-8-14.

### **ExxonMobil Reports Process Unit Problems at Its 238,600 b/d Joliet, Illinois Refinery January 7**

Exxon Mobil Corp.'s Joliet, Illinois, refinery reported problems with process units on Tuesday due to cold weather which caused flaring, according to a notice filed with the U.S. National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070325](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070325) Posted to DOE website 1-8-14.

### **Citgo Says Production at Its 174,500 b/d Lemont, Illinois Refinery Not Impacted by Cold Weather**

Citgo Petroleum Corp. on Tuesday said production at its Lemont, Illinois refinery had not been impacted by the cold temperatures and that all units were currently running at planned rates, though there were some weather-related issues at the facility. The company said the refinery had been working its way through minor issues caused by low ambient temperatures.

Reuters, 16:04 January 7, 2014. Posted to DOE website 1-8-14.

### **BP's 413,000 b/d Whiting, Indiana Refinery Keeps Operating Despite Cold Weather**

BP Plc's refinery in Whiting, Indiana has continued operating in extreme cold that has triggered malfunctions at neighboring crude oil refineries in the Chicago area, sources familiar with the BP plant said on Wednesday. BP just completed a \$4-billion overhaul of the Whiting plant that included rebuilding a 250,000 b/d crude distillation unit and adding a 102,000 b/d coking unit, which came on-line in December. Operators at the refinery will be watching closely for possible problems as the weather turns warmer later this week.

Reuters, 12:24 January 8, 2014. Posted to DOE website 1-8-14.

### **Motiva Restarting Unit Shut Due to Cold Weather at Its Norco, Louisiana Manufacturing Complex January 7**

Motiva Enterprises said it began restarting a unit on Tuesday that was shut down due to the severe cold at its Norco manufacturing complex in Louisiana. The manufacturing complex contains the 233,500 b/d Norco refinery.

Reuters, 11:33 January 8, 2014. Posted to DOE website 1-8-14.

### **Phillips 66 Reports Unit Upset at Its 239,400 b/d Westlake, Louisiana Refinery January 7**

Phillips 66 reported an unspecified unit upset leading to sulfur dioxide emissions at its Lake Charles refinery in Westlake, Louisiana, according to a filing with the National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070310](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070310) Posted to DOE website 1-8-14.

### **Total Reports SRU Shutdown at Its 233,500 b/d Port Arthur, Texas Refinery January 7**

Total reported a shutdown of a sulfur recovery unit (SRU) at its Port Arthur, Texas, refinery on Tuesday, according to a notice filed with Texas pollution regulators. An analyzer failed causing the unit to shutdown, the filing said.

Reuters, 17:14 January 7, 2014. Posted to DOE website 1-8-14.

### **North Atlantic Refining's 115,000 b/d Come By Chance Refinery in Newfoundland Remains Offline Due to Power Loss January 7**

North Atlantic Refining reported its Come By Chance refinery in Newfoundland, Canada, was still offline following a power outage in the region this weekend.

Reuters, 10:54 January 7, 2014. Posted to DOE website 1-8-14.

### **Update: PBF Still Assessing Shut Processing Units at Its 180,000 b/d Paulsboro, New Jersey Refinery January 9**

PBF Energy Inc. said on Thursday the company was continuing to assess its Paulsboro, New Jersey, refinery after loss of steam on Tuesday caused the unplanned shutdown of some units.

Reuters, 11:16 January 9, 2014

<http://investors.pbfenergy.com/phoenix.zhtml?c=250880&p=irol-newsArticle&ID=1888791&highlight=>

Posted to DOE website 1-9-14.

### **Lima Refining Reports Emissions Due to Frozen Pipeline at Its 155,000 b/d Lima, Ohio Refinery January 7**

Lima Refining reported a gas release of hydrogen sulfide on Tuesday at its Lima, Ohio, refinery, according to a filing with the National Response Center. The release was secured on Wednesday, the filing said. The line froze due to the cold weather and it had to be diverted to flare.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070403](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070403) Posted to DOE website 1-9-14.

### **Phillips 66 Reports Flaring at Its 362,000 b/d Wood River, Illinois Refinery January 8**

Phillips 66 reported flaring at its Wood River refinery in Roxana, Illinois, according to a filing with state pollution regulators on Wednesday.

Reuters, 4:13 January 9, 2014. Posted to DOE website 1-9-14.

### **CVR Reports CCU Process Upset at Its 70,000 b/d Wynnewood, Oklahoma Refinery January 9**

CVR Energy Inc. reported a process upset at a catalytic cracking unit (CCU) at its refinery in Wynnewood, Oklahoma, according to a filing with state regulators made public on Thursday.

Reuters, 10:56 January 9, 2014. Posted to DOE website 1-9-14.

### **ExxonMobil Reports Compressor Trip, Butadiene Release at Its 572,500 b/d Baytown, Texas Refinery January 8**

ExxonMobil reported a compressor trip and release of butadiene to flare on Wednesday at its Baytown, Texas, refinery, according to a filing with the National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1070483](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070483) Posted to DOE website 1-9-14.

### **Shell Reports Upset at Its Facility in Deer Park, Texas January 7**

Royal Dutch Shell Plc said on Wednesday that its facility in Deer Park, Texas, which houses a 327,000 b/d refinery and a chemical plant, experienced an operational upset in an unspecified unit. There were no injuries associated with the incident, which occurred on Tuesday, a company spokesperson said. The company had earlier reported a crack in a line located in a pipe rack at the facility, which led to emissions from catalytic reformer unit 3, according to a filing with the state regulators.

Reuters, 14:46 January 8, 2014. Posted to DOE website 1-9-14.

### **Tesoro Says Production Not Impacted From Outage at Its 166,000 b/d Martinez, California Refinery January 8**

Tesoro Corp. said a brief outage was experienced on an unspecified unit at its Golden Eagle refinery in Martinez, California.

Reuters, 20:30 January 8, 2014. Posted to DOE website 1-9-14.