

## Refinery Events

December 20, 2013—December 31, 2013

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

### **Marathon Shuts Hydrotreater Unit at Its 120,000 b/d Detroit, Michigan Refinery December 20**

Marathon Petroleum Corp. said on Friday that a hydrotreater unit was shut following a leak that led to a release of materials at its Detroit, Michigan refinery. The company did not mention an estimated date of return for the unit. Earlier the company reported to environment regulators that there was a leak in the unit leading to emissions at the refinery.

Reuters, 7:43 December 20, 2013. Posted to DOE website 12-20-13.

### **Phillips 66 Reports Process Upset at Its 146,000 b/d Borger, Texas Refinery December 20**

Phillips 66 reported a process upset at its refinery in Borger, Texas, according to a filing with state pollution regulators on Friday. The company reported emissions from a fluid catalytic cracker and a gas oil hydrodesulphurizer.

Reuters, 5:19 December 20, 2013. Posted to DOE website 12-20-13.

### **Phillips 66 Reports Wet Gas Compressor Trip at Its 362,000 b/d Wood River, Illinois Refinery December 20**

Phillips 66 reported a wet gas compressor tripped at its Wood River refinery in Roxana, Illinois, according to a filing with the Illinois Emergency Management Agency. The loss of the compressor led to sulfur dioxide emissions, the filing said.

Reuters, 4:12 December 20, 2013. Posted to DOE website 12-20-13.

### **Motiva Reports Unit Snag at Its 233,500 b/d Norco, Louisiana Refinery December 20**

Motiva Enterprises reported emissions due to a unit compressor upset at its facility in Norco, Louisiana, according to a filing with regulators.

Reuters, 00:41 December 20, 2013. Posted to DOE website 12-20-13.

### **Citgo Shuts Platformer Unit After Fire at Its 163,000 b/d Corpus Christi, Texas Refinery December 19**

Citgo Petroleum Corp. said a 20,000 b/d gasoline-additive platformer unit will remain offline for repairs after a small fire broke out at its Corpus Christi, Texas, refinery on Thursday evening. Citgo said the fire on platformer no. 4 was soon extinguished and the company was investigating the cause of the incident.

Reuters, 23:42 December 19, 2013. Posted to DOE website 12-20-13.

### **Update: Tesoro Reports Unit Start Ups at Its 166,000 b/d Martinez, California Refinery December 17, 18**

Tesoro Corp. reported the start up of two units at its Golden Eagle refinery in Martinez, California between Tuesday and Wednesday, according to filings with Contra Costa Health Services. The filings did not specify the units involved. The company had earlier reported a major unit shutdown on December 17 and said it was performing unscheduled maintenance on an unspecified unit at the refinery.

Reuters, 20:42 December 19, 2013. Posted to DOE website 12-20-13.

### **Chevron Reports Flaring at Its 245,000 b/d Richmond, California Refinery December 19**

Flaring was reported at Chevron Corp.'s Richmond, California refinery on Thursday morning, the Contra Costa Times said. There may have been additional flaring at the refinery on Thursday, the report said.

Reuters, 15:29 December 19, 2013. Posted to DOE website 12-20-13.

### **Federated Co-operatives Reports Explosion, Fire at Its 130,000 b/d Regina Refinery in Saskatchewan December 24**

Federated Co-operatives Ltd. reported an explosion and fire at its Regina refinery in Saskatchewan. The fire was 95 percent contained by late Tuesday, according to the Regina Fire and Protective Services. Early indications are that it was a liquefied petroleum gas explosion.

<http://www.hydrocarbonprocessing.com/Article/3292585/Latest-News/Regina-refinery-in-Saskatchewan-rocked-by-fire-after-LPG-explosion.html> Posted to DOE website 12-26-13.

### **Phillips 66 Reports Process Upset at Its 146,000 b/d Borger, Texas Refinery December 27**

Phillips 66 reported a process upset at its refinery in Borger, Texas, according to a filing with the Texas Commission on Environmental Quality. The company reported hydrogen sulfide and sulfur dioxide emissions from a stack, according to the filing.

Reuters, 8:30 December 27, 2013. Posted to DOE website 12-27-13.

### **Alon Reports SRU Trip at Its 67,000 b/d Big Spring, Texas Refinery December 29**

Alon USA Energy Inc. reported a sulfur recovery unit (SRU) trip which caused emissions at its refinery in Big Spring, Texas, according to a filing with the National Response Center. The reason for the SRU trip was assumed to be a blower going offline, the filing said.

Reuters, 00:37 December 30, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1069679](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1069679) Posted to DOE website 12-30-13.

### **ExxonMobil Reports Equipment Malfunction at Its 238,600 b/d Joliet, Illinois Refinery December 27**

ExxonMobil Corp.'s Joliet, Illinois refinery reported flaring due to an equipment malfunction, according to a notice filed with the National Response Center. The flaring released nitrogen oxide and nitrogen dioxide, according to the notice.

Reuters, 21:07 December 29, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1069510](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1069510) Posted to DOE website 12-30-13.

### **Northern Tier Reports CDU Shut at Its 81,500 b/d Saint Paul, Minnesota Refinery December 27**

Northern Tier Energy LP shut down a crude distillation unit (CDU) on Friday for unplanned work, a union representative said. The representative said a maintenance problem prompted the shutdown of the larger of two crude units for six to seven days. The larger crude unit was damaged by a fire in September and restarted in mid-October after three weeks of repairs. During that time, the refinery ran at reduced rates. With the downtime, the average throughput was 81,000 b/d during the third quarter and was expected to reach up to 85,000 b/d in the fourth quarter.

Reuters, 13:16 December 27, 2013. Posted to DOE website 12-30-13.

### **BNSF Train Hauling Crude Oil Derails, Explodes in North Dakota December 30**

A westbound BNSF grain train derailed at 2:10 p.m. CST yesterday, approximately one mile west of Casselton, North Dakota impacting an eastbound BNSF crude train on an adjacent track causing it to derail and explode. Approximately 21 cars involved in the derailment were on fire. There were no injuries to either of the train crews involved. There were 112 cars in the westbound grain train and 106 cars in the eastbound crude oil train. The majority of cars in both trains were not derailed and as many of those cars as possible were pulled away from the derailment location. The Cass County Sheriff's Office said on Monday night it was strongly recommending that residents in the town of Casselton and anyone living five miles to the south and east evacuate. The sheriff's office said the National Weather Service was forecasting a shift in the winds that would push the plume of smoke from the explosion down, possibly posing a health risk. Additional BNSF emergency response personnel and specially trained hazmat teams were dispatched to the scene and will work with local emergency responders to address the fires and spilled crude oil, according to BNSF.

<http://www.bnsf.com/media/casselton/>

[http://www.rigzone.com/news/oil\\_gas/a/130872/Fiery\\_Oil\\_Train\\_Collision\\_Forces\\_Evacuation\\_of\\_North\\_Dakota\\_Town](http://www.rigzone.com/news/oil_gas/a/130872/Fiery_Oil_Train_Collision_Forces_Evacuation_of_North_Dakota_Town)

<http://usnews.nbcnews.com/news/2013/12/30/22113442-mile-long-train-carrying-crude-oil-derails-explodes-in-north-dakota?lite> Posted to DOE website 12-31-13.