

**Atchafalaya Measurement Inc**  
416 East Main Street, Artesia NM 88210 575-746-3481

### Sample Information

Sample Information	
Sample Name	OXY__Burton Flats CTB Production__GC2-73019-12
Station Number	14071P
Lease Name	Burton Flats CTB Production
Analysis For	OXY USA
Producer	OXY USA
Field Name	Burton Flats
County/State	N/A
Frequency/Spot Sample	Spot
Sampling Method	Fill Empty
Sample Deg F	97
Atmos Deg F	79
Flow Rate	153.142
Line PSIG	48
Date Sampled/Time Sampled	7-23-19
Cylinder Number	N/A
Cylinder Clean Date	N/A
Sampled By	Derek Sauder
Analysis By	Pat Silvas
Verified/Calibrated Date	7-29-19
Report Date	2019-07-30 10:46:10

### Component Results

Component Name	Ret. Time	Peak Area	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	23.100	30269.9	2.1819	0.000
H2S	0.000	0.0	0.0000	0.000
Methane	23.860	787502.9	75.1296	0.000
Carbon Dioxide	27.900	5825.9	0.3597	0.000
Ethane	36.960	202456.6	11.6915	3.121
Propane	77.160	133263.6	5.8157	1.600
i-Butane	29.820	64807.6	0.7713	0.252
n-Butane	32.080	165504.2	1.9549	0.615
i-Pentane	39.120	49926.9	0.5126	0.187
n-Pentane	41.900	54913.2	0.5487	0.199
C6's	50.750	43911.0	0.3860	0.158
C7's	67.000	54984.0	0.4654	0.214
C8's	84.000	18044.0	0.1628	0.083
C9's	102.000	4888.0	0.0159	0.009
C10 Plus	146.000	1090.0	0.0040	0.002
Total:			100.0000	6.441

### Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	103.9585	
Pressure Base (psia)	14.650	
Temperature Base	60.00	
Gross Heating Value (BTU / Ideal cu.ft.)	1294.9	1272.2
Gross Heating Value (BTU / Real cu.ft.)	1300.1	1277.9
Relative Density (G), Ideal	0.7687	0.7661
Relative Density (G), Real	0.7715	0.7692
Compressibility (Z) Factor	0.9960	0.9956

### UPSET EVENT SPECIFIC JUSTIFICATIONS FORM

**Facility:** Burton Flats CTB

**Date:** 08/13/2021

**Duration of event:** 4 Hours

**MCF Flared:** 736

**Start Time:** 10:00 AM

**End Time:** 02:00 PM

**Cause:** Scheduled Maintenance>Compressor Unit

**Method of Flared Gas Measurement:** Gas Flare Meter

**Well API Associated with Facility:** 30-015-43123 Charlie Chocolate 14 15 Federal Com #031H

**Comments:** This upset event was not caused by any wells associated with the facility. This event was caused by scheduled maintenance work that necessitated the shut down of the unit.

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#### 1. Reason why this event was beyond Operator's control:

This event was beyond Oxy's control due to this facility only has one compressor unit on-site to handle the volume of gas associated with this facility. The unit itself, Cat G3508B, 691 HP, was due for a complete overall scheduled maintenance, which necessitated the unit to be shut down for a short period of time. Due to the extensive nature of the maintenance work being performed by a compression mechanic team, Oxy routed all its stranded gas to a flare. The overall maintenance of this unit will assist in keeping this unit running properly and operating as designed.

#### 2. Steps Taken to limit duration and magnitude of venting or flaring:

In this case, the steps taken to limit duration and magnitude of venting and flaring was to work with other neighboring Oxy facilities and have their compression equipment maximized until such time as to when the maintenance work was complete and the unit returned to normal working service.

#### 3. Corrective Actions taken to eliminate the cause and reoccurrence of venting or flaring:

The only corrective action that Oxy can take to eliminate the cause and reoccurrence of flaring during scheduled compression maintenance work being performed at this facility is to shut in production and/or work with other neighboring Oxy facilities and have their compression equipment maximized until such time as to when maintenance work is complete and the unit returned to normal working service.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 42808

**QUESTIONS**

Operator: OXY USA WTP LIMITED PARTNERSHIP P.O. Box 4294 Houston, TX 772104294	OGRID: 192463
	Action Number: 42808
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	[30-015-43123] CHARLIE CHOCOLATE 14 15 FEDERAL COM #031H
Incident Facility	Not answered.

<b>Determination of Reporting Requirements</b>	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was or is this venting and/or flaring caused by an emergency or malfunction	No
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting and/or flaring	Yes, major venting and/or flaring of natural gas.
<i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>	
Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the venting and/or flaring within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	Emergency Flare>Scheduled Maintenance>This upset event was not caused by any wells associated with the facility.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	75
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

<b>Date(s) and Time(s)</b>	
Date venting and/or flaring was discovered or commenced	08/13/2021
Time venting and/or flaring was discovered or commenced	10:00 AM
Time venting and/or flaring was terminated	02:00 PM
Cumulative hours during this event	4

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Not answered.

Natural Gas Flared (Mcf) Details	Cause: Other   Other (Specify)   Natural Gas Flared   Released: 736 Mcf   Recovered: 0 Mcf   Lost: 736 Mcf ]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Gas Flare Meter
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

**Venting or Flaring Resulting from Downstream Activity**

Was or is this venting and/or flaring a result of downstream activity	No
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/or flaring	Not answered.

**Steps and Actions to Prevent Waste**

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	False
Please explain reason for why this event was beyond your operator's control	This event was beyond Oxy's control due to this facility only has one compressor unit on-site to handle the volume of gas associated with this facility. The unit itself, Cat G3508B, 691 HP, was due for a complete overall scheduled maintenance, which necessitated the unit to be shut down for a short period of time. Due to the extensive nature of the maintenance work being performed by a compression mechanic team, Oxy routed all its stranded gas to a flare. The overall maintenance of this unit will assist in keeping this unit running properly and operating as designed
Steps taken to limit the duration and magnitude of venting and/or flaring	In this case, the steps taken to limit duration and magnitude of venting and flaring was to work with other neighboring Oxy facilities and have their compression equipment maximized until such time as to when the maintenance work was complete and the unit returned to normal working service.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	The only corrective action that Oxy can take to eliminate the cause and reoccurrence of flaring during scheduled compression maintenance work being performed at this facility is to shut in production and/or work with other neighboring Oxy facilities and have their compression equipment maximized until such time as to when maintenance work is complete and the unit returned to normal working service.

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CONDITIONS  
 Action 42808

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	Action Number: 42808
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
marialuna	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	8/17/2021