

# **GAS FLARING**

**April 18, 2018**

Company	Wells Flaring over 100	Wells Flaring over 100 w/o Exception	Current Exceptions (over 100)	Exception Requests	Wells over 100 Hooked to Pipeline
Alta Vista	0	0	0	1	0
Petro-Hunt	3	0	3	0	0
Whiting	3	3	0	8	0
Totals	6	3	3	9	0

# Flaring Requests

## ***Summary***

There are 6 wells flaring over 100 MCFG per day based on current production numbers.

3 of the 6 wells have approved exceptions due to distance, pipeline capacity issues, or time to connection.

There are 9 exceptions requested at this time.

## ***Alta Vista Oil Corporation – Approved 6 months***

### **Slaughterville 1H – API #25-003-22949, 9S-41E-28 (Federal)**

1. Flaring 291 MCF/D (60-day test period).
2. Completed: 8/2017.
3. Proximity to market: 50 miles.
4. Flaring alternatives: Considering options.
5. Amount of gas used in lease operations: None.
6. Justification to flare: Working on gas stream handling options, including gas production and storage equipment on location.

## ***Whiting Oil & Gas – Approved 6 months***

### **Buxbaum 21-5-1H – API #25-083-23256, 24N-60E-5**

7. Flaring 108 MCF/D. Fifth exception request.
8. Completed: 2/2015.
9. Estimated gas reserves: 550 MMCF.
10. Proximity to market: 11,000 ft to pipeline.
11. Estimated gas price at market: ~\$2.63/MCF.
12. Estimated cost of marketing the gas: ~\$200,000.
13. Flaring alternatives: None.
14. Amount of gas used in lease operations: 2 MCF/D.
15. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

### **Buxbaum 21-5-2H – API #25-083-23316, 24N-60E-5**

1. Flaring 63 MCF/D. Fifth exception request.
2. Completed: 2/2015.
3. Estimated gas reserves: 783 MMCF.
4. Proximity to market: 11,000 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Estimated cost of marketing the gas: ~\$200,000.
7. Flaring alternatives: None.
8. Amount of gas used in lease operations: 2 MCF/D.
9. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

### **Buxbaum 21-5-3H – API #25-083-23315, 24N-60E-5**

1. Flaring 83 MCF/D. Fifth exception request.
2. Completed: 2/2015.
3. Estimated gas reserves: 798 MMCF.
4. Proximity to market: 11,000 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Estimated cost of marketing the gas: ~\$200,000.
7. Flaring alternatives: None.
8. Amount of gas used in lease operations: 2 MCF/D.
9. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

### **Malsam 14-18-1H – API #25-083-23263, 24N-60E-18**

1. Flaring 83 MCF/D. Fifth exception request.
2. Completed: 1/2015.
3. Estimated gas reserves: 361 MMCF.
4. Proximity to market: 1,500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Estimated cost of marketing the gas: ~\$200,000.
7. Flaring alternatives: None.
8. Amount of gas used in lease operations: 2 MCF/D.
9. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

### **Malsam 14-18-3H – API #25-083-23265, 24N-60E-18**

10. Flaring 44 MCF/D. Fifth exception request.
11. Completed: 1/2015.
12. Estimated gas reserves: 410 MMCF.
13. Proximity to market: 1,500 ft to pipeline.
14. Estimated gas price at market: ~\$2.63/MCF.
15. Estimated cost of marketing the gas: ~\$200,000.
16. Flaring alternatives: None.
17. Amount of gas used in lease operations: 2 MCF/D.
18. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

### **Malsam 14-18-4H – API #25-083-23266, 24N-60E-18**

1. Flaring 77 MCF/D. Fifth exception request.
2. Completed: 1/2015.
3. Estimated gas reserves: 419 MMCF.
4. Proximity to market: 1,500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Estimated cost of marketing the gas: ~\$200,000.
7. Flaring alternatives: None.
8. Amount of gas used in lease operations: 2 MCF/D.
9. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

### **Palmer 24-21-4H – API #25-083-23250, 26N-57E-21**

1. Flaring 76 MCF/D. Seventh exception request.

2. Completed: 7/2014.
3. Estimated gas reserves: 574 MMCF.
4. Proximity to market: 16,400 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Estimated cost of marketing the gas: ~\$200,000.
7. Flaring alternatives: None.
8. Amount of gas used in lease operations: 2 MCF/D.
9. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

### **Sundheim 31-2-1H – API #25-083-23115, 25N-57E-2**

1. Flaring 106 MCF/D. Third exception request.
2. Completed: 7/2013.
3. Estimated gas reserves: 286 MMCF.
4. Estimated gas price at market: \$2.32/MCF.
5. Flaring alternatives: None.
6. Amount of gas used in lease operations: 2 MCF/D.
7. Justification to flare: Oneok does not have the compression capacity on this portion of their system to gather the gas. Until they do it would be uneconomic to connect to gathering system.