

GAS FLARING

June 14, 2017

Company	Wells Flaring over 100	Wells Flaring over 100 w/o Exception	Current Exceptions (over 100)	Exception Requests	Wells over 100 Hooked to Pipeline
Continental	1	0	1	0	1
Kraken	1	0	1	0	1
Petro-Hunt	3	0	3	0	0
Whiting	3	3	0	18	0
Totals	8	3	5	18	2

Flaring Requests

Summary

There are 8 wells flaring over 100 MCFG per day based on current production numbers.

5 of the 8 wells have approved exceptions due to distance, pipeline capacity issues, or time to connection.

There are 18 exceptions requested at this time.

Whiting Oil & Gas – All approved for 6 months

Prewitt 21-25-2H – API #25-083-23317, 25N-58E-25

1. Flaring 85 MCF/D. Fourth exception request.
2. Completed: 2/2015.
3. Estimated gas reserves: 492 MMCF.
4. Proximity to market: 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.

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

1. Flaring 88 MCF/D. Fourth exception request.
2. Completed: 2/2015.
3. Estimated gas reserves: 550 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 21-5-2H – API #25-083-23316, 24N-60E-5

1. Flaring 97 MCF/D. Fourth 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 103 MCF/D. Fourth 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 124 MCF/D. Fourth 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 141 MCF/D. Fourth 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 159 MCF/D. Fourth 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.

Skov 31-27-3H – API #25-083-23295, 25N-59E-27

1. Flaring 97 MCF/D. Fourth exception request.

2. Completed: 1/2015.
3. Estimated gas reserves: 441 MMCF.
4. Proximity to market: 12,500 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 137 MCF/D. Sixth 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.

Young 31-1-1H – API # 25-083-23261, 24N-59E-1

1. Flaring 111 MCF/D. Third exception request.
2. Completed: 11/2014.
3. Estimated gas reserves: 397 MMCF EUR.
4. Proximity to market: 1,500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Flaring alternatives: None.
7. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Young 31-1-2H – API # 25-083-23282, 24N-59E-1

1. Flaring 121 MCF/D. Third exception request.
2. Completed: 11/2014.
3. Estimated gas reserves: 463 MMCF EUR
4. Proximity to market: 1,500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Flaring alternatives: None.
7. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Young 31-1-3H – API # 25-083-23272, 24N-59E-1

1. Flaring 118 MCF/D. Third exception request.
2. Completed: 11/2014.
3. Estimated gas reserves: 424 MMCF EUR.
4. Proximity to market: 1,500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Flaring alternatives: None.
7. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Young 31-1-4H – API # 25-083-23273, 24N-59E-1

1. Flaring 138 MCF/D. Third exception request.
2. Completed: 11/2014.
3. Proximity to market: 1,500 ft to pipeline.
4. Estimated gas price at market: ~\$2.63/MCF.
5. Flaring alternatives: None.
6. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Hunter 21-26-1H – API #25-083-23258, 25N-58E-26

1. Flaring 88 MCF/D. Fourth exception request.
2. Completed: 11/2014.
3. Estimated gas reserves: 379 MMCF.
4. Proximity to market: 500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Flaring alternatives: None.
7. Amount of gas used in lease operations: 2 MCF/D.
8. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Hunter 21-26-2H – API #25-083-23274, 25N-58E-26

1. Flaring 96 MCF/D. Fourth exception request.
2. Completed: 11/2014.
3. Estimated gas reserves: 404 MMCF.
4. Proximity to market: 500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Flaring alternatives: None.
7. Amount of gas used in lease operations: 2 MCF/D.
8. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Hunter 21-26-3H – API #25-083-23275, 25N-58E-26

9. Flaring 119 MCF/D. Fourth exception request.
10. Completed: 11/2014.
11. Estimated gas reserves: 455 MMCF.
12. Proximity to market: 500 ft to pipeline.
13. Estimated gas price at market: ~\$2.63/MCF.
14. Flaring alternatives: None.
15. Amount of gas used in lease operations: 2 MCF/D.
16. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Hunter 21-26-4H – API #25-083-23276, 25N-58E-26

1. Flaring 95 MCF/D. Fourth exception request.
2. Completed: 12/2014.
3. Estimated gas reserves: 368 MMCF.
4. Proximity to market: 500 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Flaring alternatives: None.
7. Amount of gas used in lease operations: 2 MCF/D.

8. Justification to flare: Insufficient compression capacity on Oneok's system in this area.

Christiansen 34-12-4H – API #25-083-23225, 25N-58E-12

1. Flaring 104 MCF/D. Third exception request.
2. Completed: 8/2014.
3. Estimated gas reserves: 435 MMCF.
4. Proximity to market: 5280 ft to pipeline.
5. Estimated gas price at market: ~\$2.63/MCF.
6. Flaring alternatives: None.
7. Amount of gas used in lease operations: 2 MCF/D.
8. Justification to flare: Insufficient compression capacity on Oneok's system in this area.