

GAS FLARING

June 24, 2020

Company	Wells Flaring over 100	Wells Flaring over 100 w/o Exception	Current Exceptions (over 100)	Exception Requests	Wells over 100 Hooked to Pipeline
Kraken	16	4	12	12	0
Petro-Hunt	3	0	3	0	0
Totals	19	4	15	12	0

Flaring Requests

Summary

There are 19 wells flaring over 100 MCFG per day based on current production numbers.

15 of the 19 wells have approved exceptions due to distance, pipeline capacity issues, or time to connection.

There are 12 exceptions requested at this time.

Kraken – Approved 6 months

Fletch 5-8 #1H – API #25-083-23347, 26N-59E-33

1. Flaring 188 MCF/D.
2. Completed: 1/2018.
3. Estimated gas reserves: 257 MMCF.
4. Flaring alternatives: Installed mobile NGL recovery units (MRU) on this well in 2018 until production declined to uneconomic limits for MRU.
5. Amount of gas used in lease operations: 13 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline. Kraken has been unable sell anything into the line in the past several months.

Eagle 4-9 #2H – API #25-083-23345, 26N-59E-33

1. Flaring 263 MCF/D.
2. Completed: 1/2018.
3. Estimated gas reserves: 359 MMCF.
4. Flaring alternatives: Installed mobile NGL recovery units (MRU) on this well in 2018 until production declined to uneconomic limits for MRU.
5. Amount of gas used in lease operations: 13 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline. Kraken has been unable sell anything into the line in the past several months.

Mulder 22-15 #1H – API #25-085-22003, 28N-58E-27

1. Flaring 621 MCF/D.
2. Completed: 11/2019.
3. Estimated gas reserves: 508 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 14.5 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline. Kraken has been limited to 80 MCF/day sold through ORM Bainville compressor station. Station is at maximum capacity, but they do anticipate increased gas sales in coming months.

Mulder 22-15 #2H – API #25-085-22004, 28N-58E-27

1. Flaring 676 MCF/D.
2. Completed: 11/2019.

3. Estimated gas reserves: 511 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 14.5 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline. Kraken has been limited to 113 MCF/day sold through ORM Bainville compressor station. Station is at maximum capacity, but they do anticipate increased gas sales in coming months.

Mulder 22-15 #3H – API #25-085-22005, 28N-58E-27

1. Flaring 709 MCF/D.
2. Completed: 11/2019.
3. Estimated gas reserves: 508 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 14.5 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline. Kraken has been limited to 106 MCF/day sold through ORM Bainville compressor station. Station is at maximum capacity, but they do anticipate increased gas sales in coming months.

Mulder 22-15 #4H – API #25-085-22006, 28N-58E-27

1. Flaring 466 MCF/D.
2. Completed: 11/2019.
3. Estimated gas reserves: 508 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 14.5 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline. Kraken has been limited to 48 MCF/day sold through ORM Bainville compressor station. Station is at maximum capacity, but they do anticipate increased gas sales in coming months.

Lonestar 12-13 #1H – API #25-083-23365, 25N-59E-12

1. Flaring 752 MCF/D.
2. Completed: 10/2019.
3. Estimated gas reserves: 605 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 14 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline to Yellowstone compressor station. Station is at maximum capacity, but they do anticipate increased gas sales in coming months.

Lonestar 12-13 #2H – API #25-083-23366, 25N-59E-12

1. Flaring 639 MCF/D.
2. Completed: 10/2019.
3. Estimated gas reserves: 605 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 14 MCF/D.
6. Justification to flare: Connected to ONEOK gas pipeline to Yellowstone compressor station. Station is at maximum capacity, but they do anticipate increased gas sales in coming months.

Higgins 13-24 #2H – API #25-085-22000, 27N-57E-13

1. Flaring 847 MCF/D.
2. Completed: 8/2019.
3. Estimated gas reserves: 425 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 13 MCF/D.
6. Justification to flare: Connected to Hiland gas pipeline on Watford City System. With average sales line pressure of 76 psi, Kraken has not been able to sell enough gas.

Higgins 13-24 #3H – API #25-085-22001, 27N-57E-13

1. Flaring 773 MCF/D.
2. Completed: 8/2019.
3. Estimated gas reserves: 446 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 13 MCF/D.
6. Justification to flare: Connected to Hiland gas pipeline on Watford City System. With average sales line pressure of 76 psi, Kraken has not been able to sell enough gas.

Higgins 13-24 #4H – API #25-085-22002, 27N-57E-13

1. Flaring 817 MCF/D.
2. Completed: 8/2019.
3. Estimated gas reserves: 446 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 13 MCF/D.
6. Justification to flare: Connected to Hiland gas pipeline on Watford City System. With average sales line pressure of 76 psi, Kraken has not been able to sell enough gas.

Elroy 32-31 #1H – API #25-083-23346, 26N-59E-33

1. Flaring 142 MCF/D.
2. Completed: 2/2018.
3. Estimated gas reserves: 310 MMCF.
4. Flaring alternatives: None.
5. Amount of gas used in lease operations: 13 MCF/D.
6. Justification to flare: Contracted/connected with ONEOK Rockies Midstream, Kraken has had very limited success selling gas into the line due to sales line pressure.