

# MID-CONTINENT ENERGY EXCHANGE

## Oil & Gas Asset Auctions



Lot 58 Data Packet

**David, Dusty, Gary, Inslee,  
Mary(C), Mathews, Tom**

Partial Working Interests in  
Barber County, KS

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MID-CONTINENT ENERGY EXCHANGE

Oil and Gas Asset Auctions

| <u>Lot</u> | <u>Lease Name</u>                                        | <u>Interest Type</u>        | <u>County/State</u> | <u>Operator</u>         | <u>Monthly Income/<br/>Production #</u> |
|------------|----------------------------------------------------------|-----------------------------|---------------------|-------------------------|-----------------------------------------|
| 58         | David, Dusty, Gary,<br>Inslee, Mary (C),<br>Mathews, Tom | Partial Working<br>Interest | Barber KS           | Chieftain Oil Co., Inc. | (\$196.03)                              |

| Lease Name                                                                                                                                  | Operator                | County & State              | Legal Description                 | Acres                     |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|-----------------------------------|---------------------------|
| <a href="#">David</a>                                                                                                                       | Chieftain Oil Co., Inc. | Barber, KS                  | W/2 SE & E/2 SW<br>Sec 34-32S-10W | 160                       |
| <b>GWI</b>                                                                                                                                  | <b>NRI</b>              | <b>Gross Income (12 mo)</b> | <b>Gross OpEx (12 mo)</b>         | <b>Net Income (12 mo)</b> |
| 0.03125                                                                                                                                     | 0.02734375              | \$1,349.17                  | \$1,805.86                        | (\$456.69)                |
|                                                                                                                                             |                         | \$112.43/mo                 | \$150.49/mo                       | (\$38.06)/mo              |
| <b>Seller Comments:</b> 2 wells. The wells had a couple pulling unit bills in 2019. Recently installed water pump to lower casing pressure. |                         |                             |                                   |                           |
| API: 15-007-22790; 15-007-22902.                                                                                                            |                         |                             |                                   |                           |
| Purchaser: Coffeyville Resources Refining Marketing, LLC (Oil) and Durango Midstream (Gas).                                                 |                         |                             |                                   |                           |

| Lease Name                                                                                                                                                                                                                               | Operator                | County & State              | Legal Description         | Acres                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|---------------------------|---------------------------|
| <a href="#">Dusty</a>                                                                                                                                                                                                                    | Chieftain Oil Co., Inc. | Barber, KS                  | NE Sec 9-33S-10W          | 160                       |
| <b>GWI</b>                                                                                                                                                                                                                               | <b>NRI</b>              | <b>Gross Income (12 mo)</b> | <b>Gross OpEx (12 mo)</b> | <b>Net Income (12 mo)</b> |
| 0.015625                                                                                                                                                                                                                                 | 0.01367187              | \$685.95                    | \$3,208.29                | (\$2,522.34)              |
|                                                                                                                                                                                                                                          |                         | \$57.16/mo                  | \$267.36/mo               | (\$210.20)/mo             |
| <b>Seller Comments:</b> 3 wells. API: 15-007-22942; 15-007-23848-0001; 15-007-23875-0001. Recently plugged off the Misenor zone and completed the Mississippi zone on the Dusty #2. A 20 tank slick water frac was done on the Dusty #2. |                         |                             |                           |                           |
| Purchaser: Coffeyville Resources Refining Marketing, LLC (Oil) and Durango Midstream (Gas).                                                                                                                                              |                         |                             |                           |                           |

| Lease Name                                                                                  | Operator                | County & State              | Legal Description             | Acres                     |
|---------------------------------------------------------------------------------------------|-------------------------|-----------------------------|-------------------------------|---------------------------|
| <a href="#">Gary</a>                                                                        | Chieftain Oil Co., Inc. | Barber, KS                  | S/2 W/2 SE Sec 25-<br>31S-12W | 40                        |
| <b>GWI</b>                                                                                  | <b>NRI</b>              | <b>Gross Income (12 mo)</b> | <b>Gross OpEx (12 mo)</b>     | <b>Net Income (12 mo)</b> |
| 0.015625                                                                                    | 0.01318359              | \$1,472.63                  | \$554.84                      | \$917.79                  |
|                                                                                             |                         | \$122.72/mo                 | \$46.24/mo                    | \$76.48/mo                |
| <b>Seller Comments:</b> 1 well. API: 15-007-22930.                                          |                         |                             |                               |                           |
| Purchaser: Coffeyville Resources Refining Marketing, LLC (Oil) and Durango Midstream (Gas). |                         |                             |                               |                           |

| Lease Name             | Operator                | County & State              | Legal Description         | Acres                     |
|------------------------|-------------------------|-----------------------------|---------------------------|---------------------------|
| <a href="#">Inslee</a> | Chieftain Oil Co., Inc. | Barber, KS                  | E/2 NE Sec 33-32S-10W     | 80                        |
| <b>GWI</b>             | <b>NRI</b>              | <b>Gross Income (12 mo)</b> | <b>Gross OpEx (12 mo)</b> | <b>Net Income (12 mo)</b> |
| 0.015625               | 0.01367187              | \$604.20                    | \$581.55                  | \$22.65                   |
|                        |                         | \$50.35/mo                  | \$48.46/mo                | \$1.89/mo                 |

**Seller Comments:** 2 wells. API: 15-007-22862; 15-007-23301.

Purchaser: Coffeyville Resources Refining Marketing, LLC (Oil) and Durango Midstream (Gas).

| Lease Name               | Operator                | County & State              | Legal Description              | Acres                     |
|--------------------------|-------------------------|-----------------------------|--------------------------------|---------------------------|
| <a href="#">Mary (C)</a> | Chieftain Oil Co., Inc. | Barber, KS                  | W/2 NW & N/2 SW Sec 28-32S-10W | 160                       |
| <b>GWI</b>               | <b>NRI</b>              | <b>Gross Income (12 mo)</b> | <b>Gross OpEx (12 mo)</b>      | <b>Net Income (12 mo)</b> |
| 0.015625                 | 0.013672                | \$557.77                    | \$980.98                       | (\$423.21)                |
|                          |                         | \$46.48/mo                  | \$81.75/mo                     | (\$35.27)/mo              |

**Seller Comments:** 3 wells. #2 well is shut in. Workover rig expenses in 2019.

API: 15-007-22934; 15-007-22991; 15-007-22992.

Purchaser: Coffeyville Resources Refining Marketing, LLC (Oil) and Durango Midstream (Gas).

| Lease Name              | Operator                | County & State              | Legal Description         | Acres                     |
|-------------------------|-------------------------|-----------------------------|---------------------------|---------------------------|
| <a href="#">Mathews</a> | Chieftain Oil Co., Inc. | Barber, KS                  | NW Sec 5-33S-10W          | 159                       |
| <b>GWI</b>              | <b>NRI</b>              | <b>Gross Income (12 mo)</b> | <b>Gross OpEx (12 mo)</b> | <b>Net Income (12 mo)</b> |
| 0.015625                | 0.013672                | \$669.94                    | \$707.43                  | (\$37.49)                 |
|                         |                         | \$55.83/mo                  | \$58.95/mo                | (\$3.12)/mo               |

**Seller Comments:** 2 wells. API: 15-007-22933; 15-007-23290.

Purchaser: Coffeyville Resources Refining Marketing, LLC (Oil) and Durango Midstream (Gas).

| Lease Name          | Operator                | County & State              | Legal Description         | Acres                     |
|---------------------|-------------------------|-----------------------------|---------------------------|---------------------------|
| <a href="#">Tom</a> | Chieftain Oil Co., Inc. | Barber, KS                  | W/2 NE Sec 33-32S-10W     | 80                        |
| <b>GWI</b>          | <b>NRI</b>              | <b>Gross Income (12 mo)</b> | <b>Gross OpEx (12 mo)</b> | <b>Net Income (12 mo)</b> |
| 0.015625            | 0.01367188              | \$322.17                    | \$175.21                  | \$146.96                  |
|                     |                         | \$26.85/mo                  | \$14.60/mo                | \$12.25/mo                |

**Seller Comments:** 1 well. API: 15-007-22811.

Purchaser: Coffeyville Resources Refining Marketing, LLC (Oil) and Durango Midstream (Gas).

**Total Lot Net Monthly Income:** (\$196.03)



*David*





DAVID #1 224947

Lease #: 224947

## Lease and Production Information

| State           | County            | Operator                |           |            |                   |
|-----------------|-------------------|-------------------------|-----------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |           |            |                   |
| Location        | Meridan           | Quarter Call            | Formation | Horizontal | Production Months |
| 34-32S-10W      | 6th (west -96.28) |                         | Oil       | No         | 188               |
| First Prod Date |                   |                         |           | 2004-03-01 |                   |
| Last Sale       |                   |                         |           | 2019-10-01 |                   |
| Daily Rate      |                   |                         |           | 17.83      |                   |
| MoM Change      |                   |                         |           | -108       |                   |
| YoY Change      |                   |                         |           | 1372       |                   |
| Cumulative      |                   |                         |           | 736563     |                   |

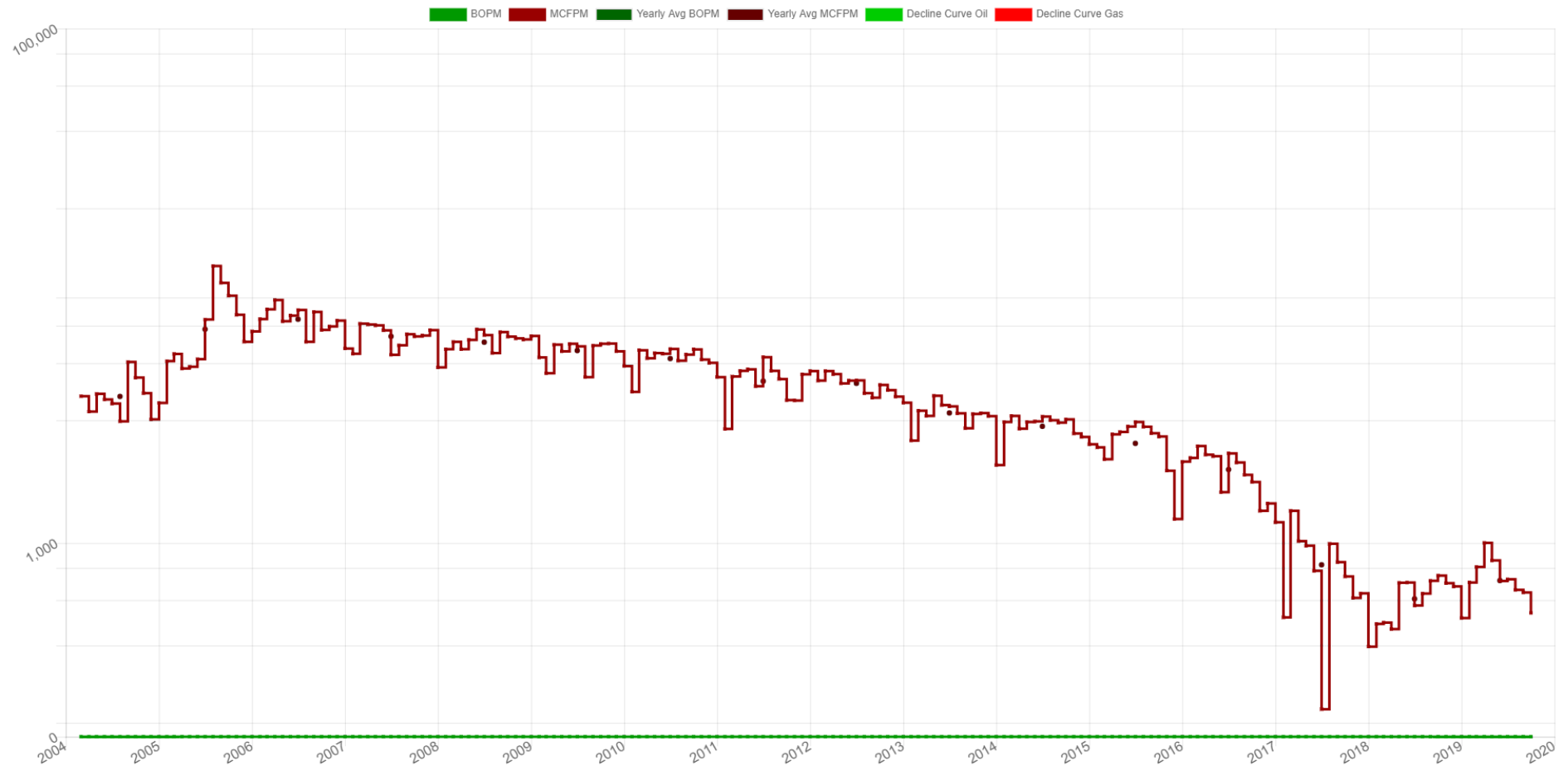
## Production Snapshot

| Month   | BOPM | MCFFPM |
|---------|------|--------|
| 11-2018 |      | 699    |
| 12-2018 |      | 678    |
| 01-2019 |      | 511    |
| 02-2019 |      | 703    |
| 03-2019 |      | 807    |
| 04-2019 |      | 1002   |
| 05-2019 |      | 856    |
| 06-2019 |      | 712    |
| 07-2019 |      | 723    |
| 08-2019 |      | 658    |
| 09-2019 |      | 643    |
| 10-2019 |      | 535    |
| Average |      | 711    |

## Annual Averages

| Year | Avg BOPM | Avg MCFFPM |
|------|----------|------------|
| 2015 |          | 2440       |
| 2016 |          | 1931       |
| 2017 |          | 823        |
| 2018 |          | 607        |
| 2019 |          | 715        |

## DAVID #1 224947 - Production Plot





DAVID #1 224947

Associated Wells

Total Well Count: 2

| Well Name  | API            |         | Operator                |          |          | Type      | Status    |
|------------|----------------|---------|-------------------------|----------|----------|-----------|-----------|
| DAVID 1    | 15007227900000 |         | CHIEFTAIN OIL CO., INC. |          |          | O&G       | Producing |
| Location   | Spot           | Foot-NS | Foot-EW                 | Foot-ref | Zone     |           |           |
| 34-32S-10W | NW SE          | 2278    | -2031                   | SE       | ARBUCKLE |           |           |
| Spud       | Completion     |         | First Production        |          |          |           |           |
| 2004-01-13 |                |         | 2004-02-14              |          |          |           |           |
| Elevation  | MD             | TV-TD   | Cmpl-Top                | Cmpl-Btm | PBTD     | Drill-Dir | Lateral   |
| 1445 KB    |                | 4825    |                         |          |          |           |           |

| Well Name  | API            |         | Operator                |          |          | Type      | Status    |
|------------|----------------|---------|-------------------------|----------|----------|-----------|-----------|
| DAVID 2    | 15007229020000 |         | CHIEFTAIN OIL CO., INC. |          |          | O&G       | Producing |
| Location   | Spot           | Foot-NS | Foot-EW                 | Foot-ref | Zone     |           |           |
| 34-32S-10W | NE SW          | 2039    | -3361                   | SE       | ARBUCKLE |           |           |
| Spud       | Completion     |         | First Production        |          |          |           |           |
| 2005-06-18 | 2005-07-10     |         |                         |          |          |           |           |
| Elevation  | MD             | TV-TD   | Cmpl-Top                | Cmpl-Btm | PBTD     | Drill-Dir | Lateral   |
| 1473 KB    |                | 4785    |                         |          |          |           |           |



DAVID 136345

Lease #: 136345

## Lease and Production Information

| State           | County            | Operator                |            |            |                   |
|-----------------|-------------------|-------------------------|------------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |            |            |                   |
| Location        | Meridan           | Quarter Call            | Formation  | Horizontal | Production Months |
| 34-32S-10W      | 6th (west -96.28) |                         | Oil        | No         | 187               |
|                 |                   |                         |            |            | Gas               |
| First Prod Date |                   |                         | 2004-03-01 |            |                   |
| Last Sale       |                   |                         | 2019-09-01 |            |                   |
| Daily Rate      |                   |                         | 1.03       |            |                   |
| MoM Change      |                   |                         | 158        |            |                   |
| YoY Change      |                   |                         | 158        |            |                   |
| Cumulative      |                   |                         | 33593      |            |                   |

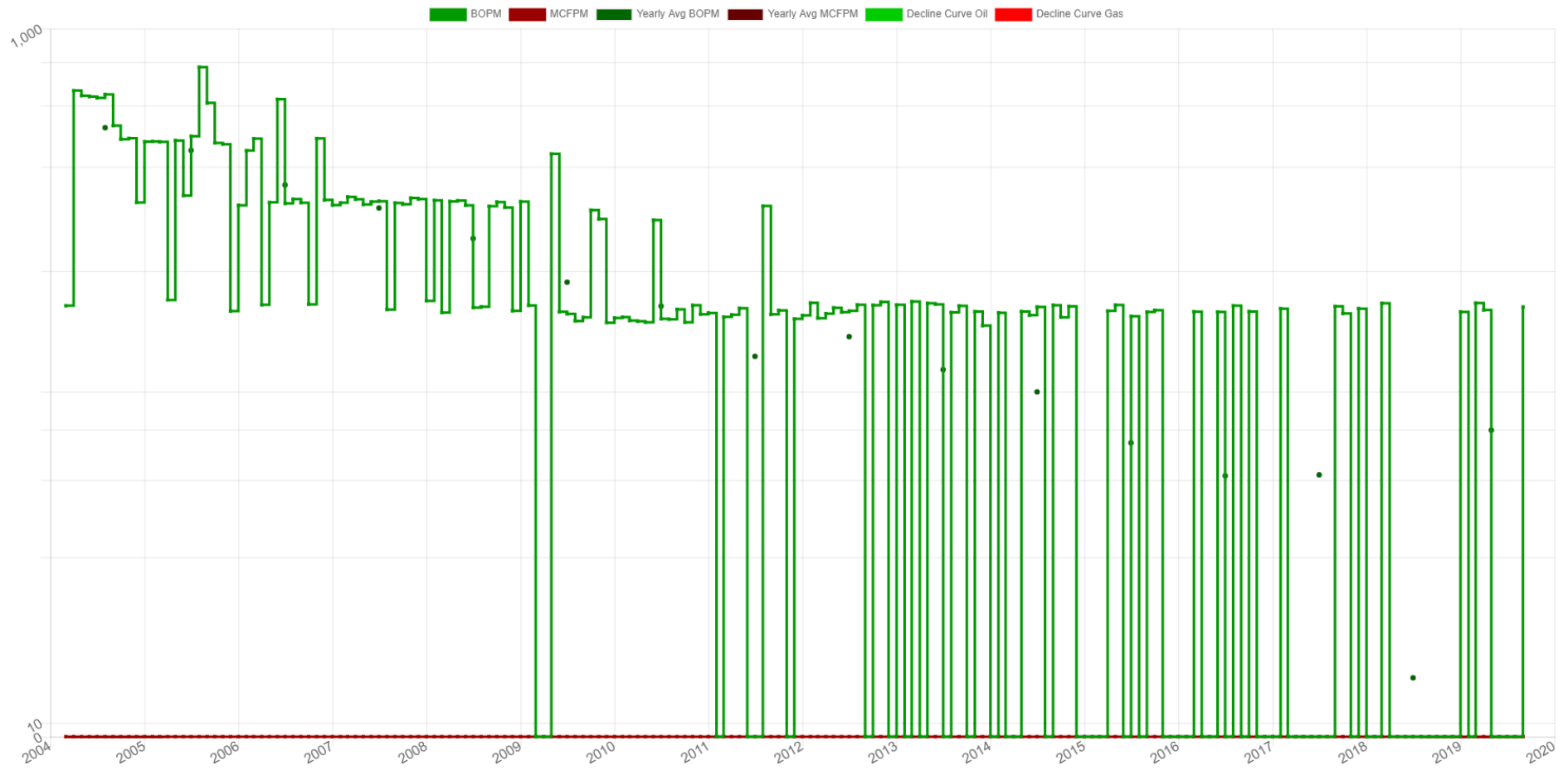
## Production Snapshot

| Month   | BOPM | MCFPM |
|---------|------|-------|
| 10-2018 |      |       |
| 11-2018 |      |       |
| 12-2018 |      |       |
| 01-2019 | 153  |       |
| 02-2019 |      |       |
| 03-2019 | 162  |       |
| 04-2019 | 155  |       |
| 05-2019 |      |       |
| 06-2019 |      |       |
| 07-2019 |      |       |
| 08-2019 |      |       |
| 09-2019 | 158  |       |
| Average | 157  |       |

## Annual Averages

| Year | Avg BOPM | Avg MCFPM |
|------|----------|-----------|
| 2015 | 64       |           |
| 2016 | 51       |           |
| 2017 | 52       |           |
| 2018 | 13       |           |
| 2019 | 70       |           |

## DAVID 136345 - Production Plot





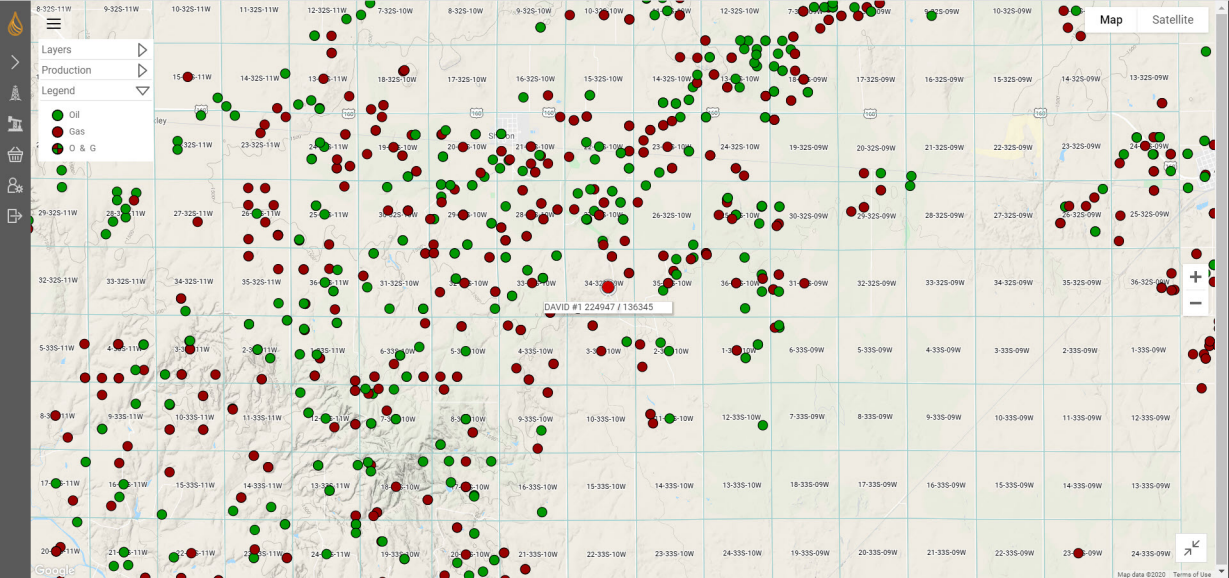
DAVID 136345

Associated Wells

Total Well Count: 2

| Well Name  | API            |         | Operator                |          |          | Type      | Status    |
|------------|----------------|---------|-------------------------|----------|----------|-----------|-----------|
| DAVID 1    | 15007227900000 |         | CHIEFTAIN OIL CO., INC. |          |          | O&G       | Producing |
| Location   | Spot           | Foot-NS | Foot-EW                 | Foot-ref | Zone     |           |           |
| 34-32S-10W | NW SE          | 2278    | -2031                   | SE       | ARBUCKLE |           |           |
| Spud       | Completion     |         | First Production        |          |          |           |           |
| 2004-01-13 | 2004-02-14     |         |                         |          |          |           |           |
| Elevation  | MD             | TV-TD   | Cmpl-Top                | Cmpl-Btm | PBTD     | Drill-Dir | Lateral   |
| 1445 KB    |                | 4825    |                         |          |          |           |           |

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| DAVID 2    | 15007229020000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           | Foot-NS    | Foot-EW                 | Foot-ref         | Zone     |           |           |
| 34-32S-10W | NE SW          | 2039       | -3361                   | SE               | ARBUCKLE |           |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2005-06-18 |                | 2005-07-10 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1473 KB    |                | 4785       |                         |                  |          |           |           |





***Dusty***





DUSTY 227353

Lease #: 227353

## Lease and Production Information

| State           | County            | Operator                |           |            |                   |
|-----------------|-------------------|-------------------------|-----------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |           |            |                   |
| Location        | Meridan           | Quarter Call            | Formation | Horizontal | Production Months |
| 9-33S-10W       | 6th (west -96.28) |                         | Oil       | No         | 163               |
| First Prod Date |                   |                         |           | 2006-04-01 |                   |
| Last Sale       |                   |                         |           | 2019-10-01 |                   |
| Daily Rate      |                   |                         |           | 67.63      |                   |
| MoM Change      |                   |                         |           | 51         |                   |
| YoY Change      |                   |                         |           | -1544      |                   |
| Cumulative      |                   |                         |           | 359805     |                   |

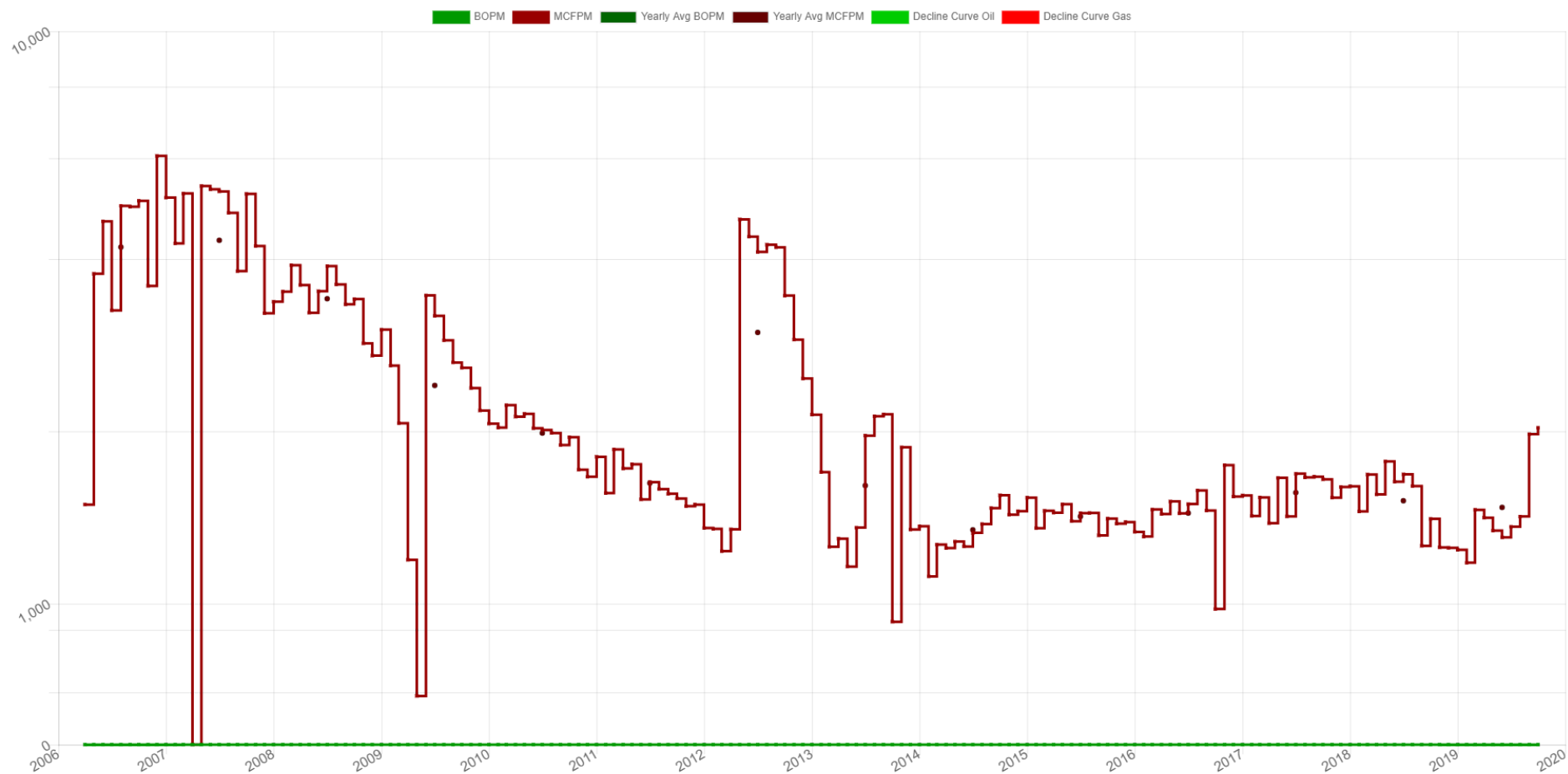
## Production Snapshot

| Month   | BOPM | MCFPM |
|---------|------|-------|
| 11-2018 |      | 1254  |
| 12-2018 |      | 1252  |
| 01-2019 |      | 1242  |
| 02-2019 |      | 1179  |
| 03-2019 |      | 1459  |
| 04-2019 |      | 1413  |
| 05-2019 |      | 1342  |
| 06-2019 |      | 1306  |
| 07-2019 |      | 1363  |
| 08-2019 |      | 1420  |
| 09-2019 |      | 1978  |
| 10-2019 |      | 2029  |
| Average |      | 1436  |

## Annual Averages

| Year | Avg BOPM | Avg MCFPM |
|------|----------|-----------|
| 2015 |          | 1420      |
| 2016 |          | 1440      |
| 2017 |          | 1563      |
| 2018 |          | 1513      |
| 2019 |          | 1473      |

# DUSTY 227353 - Production Plot





DUSTY 227353

Associated Wells

Total Well Count: 3

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| DUSTY 1    | 15007229420000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 9-33S-10W  | SW SW NE       |            | -2210                   | -2230            | NE       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2006-01-27 |                | 2006-02-20 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1480 KB    |                | 4980       |                         |                  |          |           |           |

| Well Name  | API            |       | Operator                |          |          | Type                 | Status      |
|------------|----------------|-------|-------------------------|----------|----------|----------------------|-------------|
| DUSTY 2    | 15007238480000 |       | CHIEFTAIN OIL CO., INC. |          |          | O&G                  | Recompleted |
| Location   | Spot           |       | Foot-NS                 | Foot-EW  | Foot-ref | Zone                 |             |
| 9-33S-10W  | SE NW NW NE    |       | -575                    | -2108    | NE       | MISSISSIPPI, SIMPSON |             |
| Spud       |                |       | Completion              |          |          | First Production     |             |
| 2012-03-17 |                |       | 2012-04-26              |          |          |                      |             |
| Elevation  | MD             | TV-TD | Cmpl-Top                | Cmpl-Btm | PBTD     | Drill-Dir            | Lateral     |
| 1476 KB    |                | 5070  |                         |          |          |                      |             |

|          |                                                                                                                                                                                                                                                             |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prod Csg | Production: New 5.5", 15.5# @ 5075 w/ 250 sx Common & w/ Gas Block 2% Salt. Approved: 7/18/2012<br>Packer @ Tbg. @ 4870 Tbg. Size 2.875. Approved: 7/18/2012<br>DST, LOGS, & SAMPLES: DSTs: (Yes) Electric Logs Ran: (Yes) Samples to KGS: (Yes) Cores Take |
| Surf Csg | Surface: New 8.625", 24# @ 345 w/ 300 sx 60/40 Poz & w/ 2% Salt. Approved: 7/18/2012                                                                                                                                                                        |

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| DUSTY 3    | 15007238750001 |            | CHIEFTAIN OIL CO., INC. |                  |          | Oil       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 9-33S-10W  | SE SE NW NE    |            | -1314                   | -1510            | NE       |           |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2013-03-21 |                | 2013-04-04 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1480 KB    |                | 5108       |                         |                  |          |           |           |

|          |                                                                                                                                                                                                                                                              |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prod Csg | Production: New 5.5", 15.5# @ 5097 w/ 250 sx Common & w/ Gas Block 2% Salt. Approved: 4/18/2013<br>Tbg. @ 4543.69 Tbg. Size 2.875. Approved: 4/18/2013<br>DST, LOGS, & SAMPLES: DSTs: (Yes) Electric Logs Ran: (Yes) Samples to KGS: (Yes) Cores Taken: (No) |
| Surf Csg | Surface: New 8.625", 24# @ 345 w/ 300 sx 60/40 POZ & w/ 2% Salt. Approved: 4/18/2013                                                                                                                                                                         |



DUSTY 1 137645

Lease #: 137645

## Lease and Production Information

| State           | County            | Operator                |            |            |                   |
|-----------------|-------------------|-------------------------|------------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |            |            |                   |
| Location        | Meridan           | Quarter Call            | Formation  | Horizontal | Production Months |
| 9-33S-10W       | 6th (west -96.28) |                         | Oil        | No         | 159               |
|                 |                   |                         |            |            | Gas               |
| First Prod Date |                   |                         | 2006-06-01 |            |                   |
| Last Sale       |                   |                         | 2019-08-01 |            |                   |
| Daily Rate      |                   |                         | 1.24       |            |                   |
| MoM Change      |                   |                         | 152        |            |                   |
| YoY Change      |                   |                         | -2         |            |                   |
| Cumulative      |                   |                         | 24816      |            |                   |

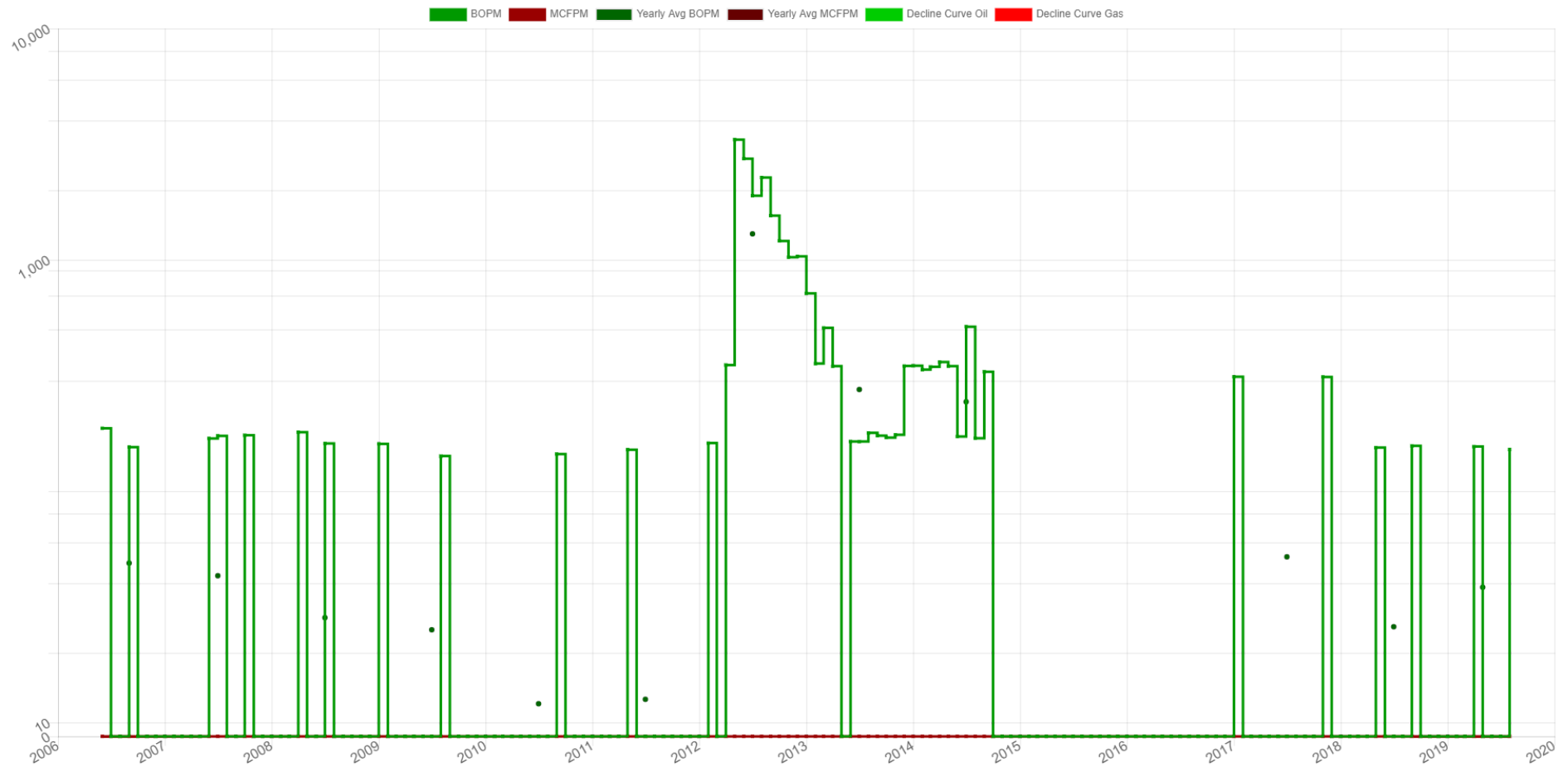
## Production Snapshot

| Month   | BOPM | MCFCPM |
|---------|------|--------|
| 09-2018 | 157  |        |
| 10-2018 |      |        |
| 11-2018 |      |        |
| 12-2018 |      |        |
| 01-2019 |      |        |
| 02-2019 |      |        |
| 03-2019 |      |        |
| 04-2019 | 156  |        |
| 05-2019 |      |        |
| 06-2019 |      |        |
| 07-2019 |      |        |
| 08-2019 | 152  |        |
| Average | 155  |        |

## Annual Averages

| Year | Avg BOPM | Avg MCFCPM |
|------|----------|------------|
| 2013 | 275      |            |
| 2014 | 244      |            |
| 2017 | 52       |            |
| 2018 | 26       |            |
| 2019 | 38       |            |

# DUSTY 1 137645 - Production Plot





DUSTY 1 137645

Associated Wells

Total Well Count: 4

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| DUSTY 1    | 15007229420000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 9-33S-10W  | SW SW NE       |            | -2210                   | -2230            | NE       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2006-01-27 |                | 2006-02-20 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1480 KB    |                | 4980       |                         |                  |          |           |           |

| Well Name  | API            |       | Operator                |                  |          | Type                 | Status      |
|------------|----------------|-------|-------------------------|------------------|----------|----------------------|-------------|
| DUSTY 2    | 15007238480000 |       | CHIEFTAIN OIL CO., INC. |                  |          | O&G                  | Recompleted |
| Location   | Spot           |       | Foot-NS                 | Foot-EW          | Foot-ref | Zone                 |             |
| 9-33S-10W  | SE NW NW NE    |       | -575                    | -2108            | NE       | MISSISSIPPI, SIMPSON |             |
| Spud       |                |       | Completion              | First Production |          |                      |             |
| 2012-03-17 |                |       | 2012-04-26              |                  |          |                      |             |
| Elevation  | MD             | TV-TD | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir            | Lateral     |
| 1476 KB    |                | 5070  |                         |                  |          |                      |             |

|          |                                                                                                                                                                                                                                                             |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prod Csg | Production: New 5.5", 15.5# @ 5075 w/ 250 sx Common & w/ Gas Block 2% Salt. Approved: 7/18/2012<br>Packer @ Tbg. @ 4870 Tbg. Size 2.875. Approved: 7/18/2012<br>DST, LOGS, & SAMPLES: DSTs: (Yes) Electric Logs Ran: (Yes) Samples to KGS: (Yes) Cores Take |
| Surf Csg | Surface: New 8.625", 24# @ 345 w/ 300 sx 60/40 Poz & w/ 2% Salt. Approved: 7/18/2012                                                                                                                                                                        |

| Well Name  | API            |       | Operator                |                  |          | Type                 | Status      |
|------------|----------------|-------|-------------------------|------------------|----------|----------------------|-------------|
| DUSTY 3    | 15007238750000 |       | CHIEFTAIN OIL CO., INC. |                  |          | Oil                  | Recompleted |
| Location   | Spot           |       | Foot-NS                 | Foot-EW          | Foot-ref | Zone                 |             |
| 9-33S-10W  | SE SE NW NE    |       | -1314                   | -1510            | NE       | MISSISSIPPI, SIMPSON |             |
| Spud       |                |       | Completion              | First Production |          |                      |             |
| 2012-05-16 |                |       | 2012-06-21              |                  |          |                      |             |
| Elevation  | MD             | TV-TD | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir            | Lateral     |
| 1480 KB    |                | 5108  |                         |                  |          |                      |             |

|          |                                                                                                                                                                                                                                                                 |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prod Csg | Production: New 5.5", 15.5# @ 5097 w/ 250 sx Common & w/ Gas Block 2% Salt. Approved: 7/25/2012<br>Tbg. @ 4803 Tbg. Size 39485. Approved: 7/25/2012<br>DST, LOGS, & SAMPLES: DSTs: (Yes) Electric Logs Ran: (Yes) Samples to KGS: (Yes) Cores Taken: (No)<br>Lo |
| Surf Csg | Surface: New 8.625", 24# @ 345 w/ 300 sx 60/40 Poz & w/ 2% Salt. Approved: 7/25/2012                                                                                                                                                                            |

| Well Name  | API            |       | Operator                |          | Type     | Status    |         |
|------------|----------------|-------|-------------------------|----------|----------|-----------|---------|
| DUSTY 3    | 15007238750001 |       | CHIEFTAIN OIL CO., INC. |          | Oil      | Producing |         |
| Location   | Spot           |       | Foot-NS                 | Foot-EW  | Foot-ref | Zone      |         |
| 9-33S-10W  | SE SE NW NE    |       | -1314                   | -1510    | NE       |           |         |
| Spud       | Completion     |       | First Production        |          |          |           |         |
| 2013-03-21 | 2013-04-04     |       |                         |          |          |           |         |
| Elevation  | MD             | TV-TD | Cmpl-Top                | Cmpl-Btm | PBTD     | Drill-Dir | Lateral |
| 1480 KB    |                | 5108  |                         |          |          |           |         |

|          |                                                                                                                                                                                                                                                              |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prod Csg | Production: New 5.5", 15.5# @ 5097 w/ 250 sx Common & w/ Gas Block 2% Salt. Approved: 4/18/2013<br>Tbg. @ 4543.69 Tbg. Size 2.875. Approved: 4/18/2013<br>DST, LOGS, & SAMPLES: DSTs: (Yes) Electric Logs Ran: (Yes) Samples to KGS: (Yes) Cores Taken: (No) |
| Surf Csg | Surface: New 8.625", 24# @ 345 w/ 300 sx 60/40 POZ & w/ 2% Salt. Approved: 4/18/2013                                                                                                                                                                         |



Layers

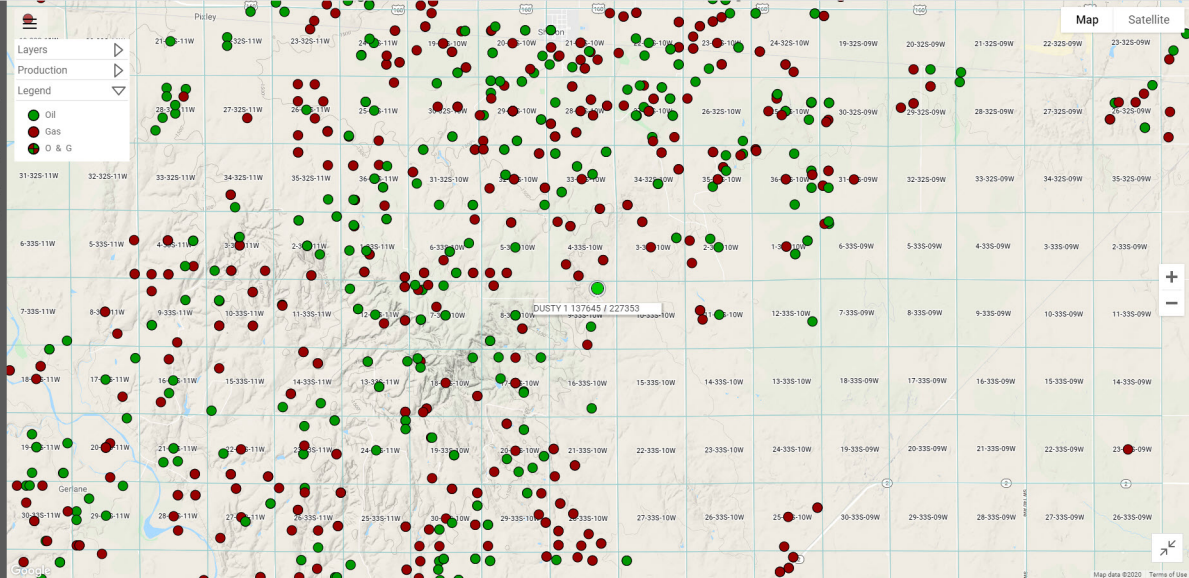
Production

Legend

- Oil
- Gas
- O & G

Map

Satellite





***Gary***





GARY 1 226747

Lease #: 226747

## Lease and Production Information

| State           | County            | Operator                |           |            |                   |
|-----------------|-------------------|-------------------------|-----------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |           |            |                   |
| Location        | Meridan           | Quarter Call            | Formation | Horizontal | Production Months |
| 25-31S-12W      | 6th (west -96.28) |                         | Oil       | No         | 166               |
| First Prod Date |                   |                         |           | 2006-01-01 |                   |
| Last Sale       |                   |                         |           | 2019-10-01 |                   |
| Daily Rate      |                   |                         |           | 16.47      |                   |
| MoM Change      |                   |                         |           | 128        |                   |
| YoY Change      |                   |                         |           | 775        |                   |
| Cumulative      |                   |                         |           | 59725      |                   |

## Production Snapshot

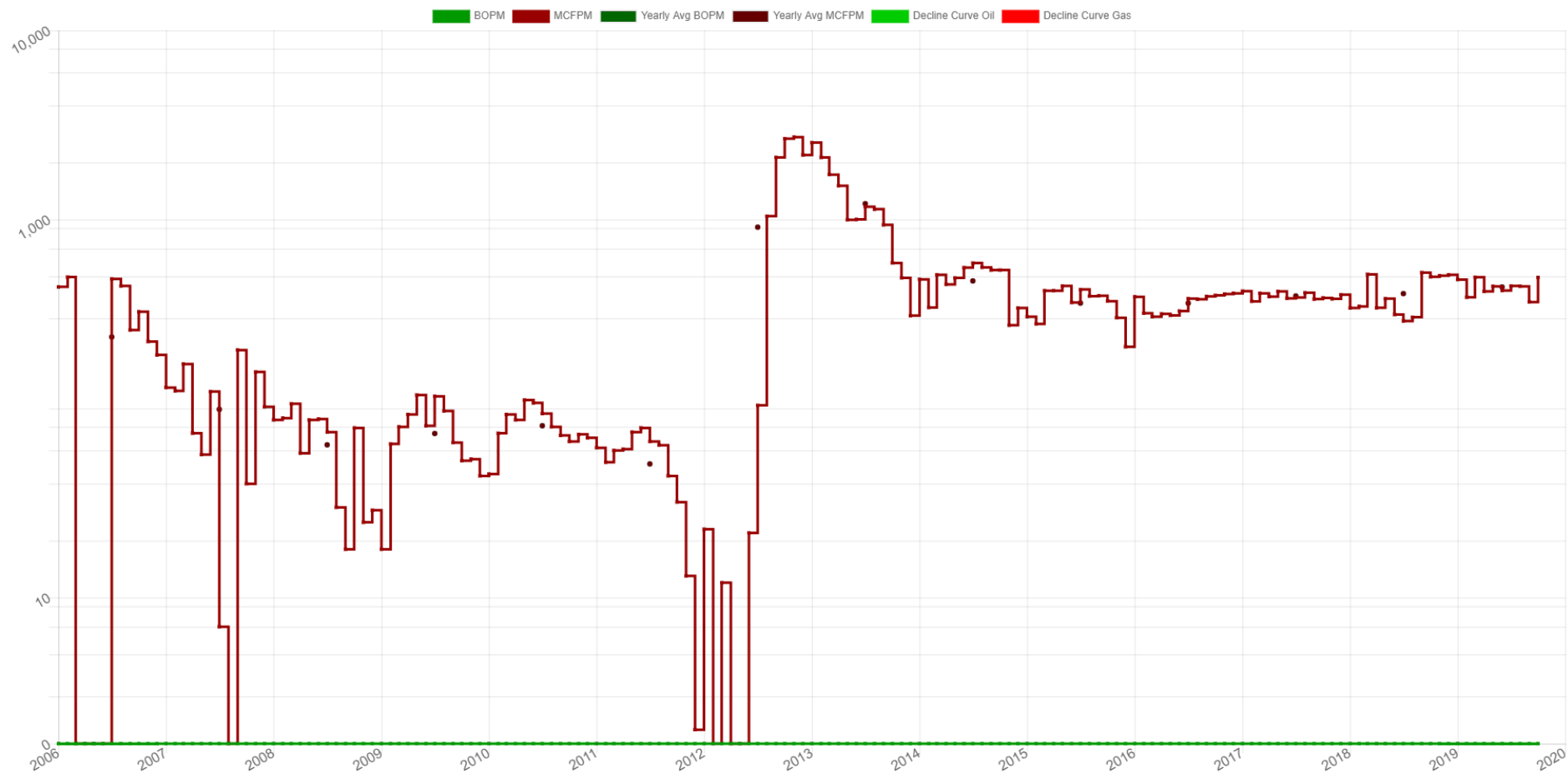
| Month   | BOPM | MCFFPM |
|---------|------|--------|
| 11-2018 |      | 504    |
| 12-2018 |      | 510    |
| 01-2019 |      | 481    |
| 02-2019 |      | 388    |
| 03-2019 |      | 495    |
| 04-2019 |      | 416    |
| 05-2019 |      | 443    |
| 06-2019 |      | 421    |
| 07-2019 |      | 445    |
| 08-2019 |      | 443    |
| 09-2019 |      | 366    |
| 10-2019 |      | 494    |
| Average |      | 451    |

## Annual Averages

| Year | Avg BOPM | Avg MCFFPM |
|------|----------|------------|
| 2015 |          | 361        |
| 2016 |          | 361        |
| 2017 |          | 394        |
| 2018 |          | 405        |
| 2019 |          | 439        |



## GARY 1 226747 - Production Plot





GARY 1 226747

Associated Wells

Total Well Count: 1

| Well Name  |       | API            |          | Operator                |          | Type      | Status    |
|------------|-------|----------------|----------|-------------------------|----------|-----------|-----------|
| GARY 1     |       | 15007229300000 |          | CHIEFTAIN OIL CO., INC. |          | O&G       | Producing |
| Location   | Spot  | Foot-NS        | Foot-EW  | Foot-ref                | Zone     |           |           |
| 25-31S-12W | SW SE | 756            | -1971    | SE                      | ARBUCKLE |           |           |
| Spud       |       | Completion     |          | First Production        |          |           |           |
| 2005-09-21 |       | 2005-10-13     |          |                         |          |           |           |
| Elevation  | MD    | TV-TD          | Cmpl-Top | Cmpl-Btm                | PBTD     | Drill-Dir | Lateral   |
| 1565 GL    |       | 4708           |          |                         |          |           |           |



GARY 1 137382

Lease #: 137382

## Lease and Production Information

| State           | County            | Operator                |            |            |                   |
|-----------------|-------------------|-------------------------|------------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |            |            |                   |
| Location        | Meridan           | Quarter Call            | Formation  | Horizontal | Production Months |
| 25-31S-12W      | 6th (west -96.28) |                         | Oil        | No         | 166               |
|                 |                   |                         |            |            | Gas               |
| First Prod Date |                   |                         | 2006-01-01 |            |                   |
| Last Sale       |                   |                         | 2019-10-01 |            |                   |
| Daily Rate      |                   |                         | 5.45       |            |                   |
| MoM Change      |                   |                         | 2          |            |                   |
| YoY Change      |                   |                         | -654       |            |                   |
| Cumulative      |                   |                         | 41735      |            |                   |

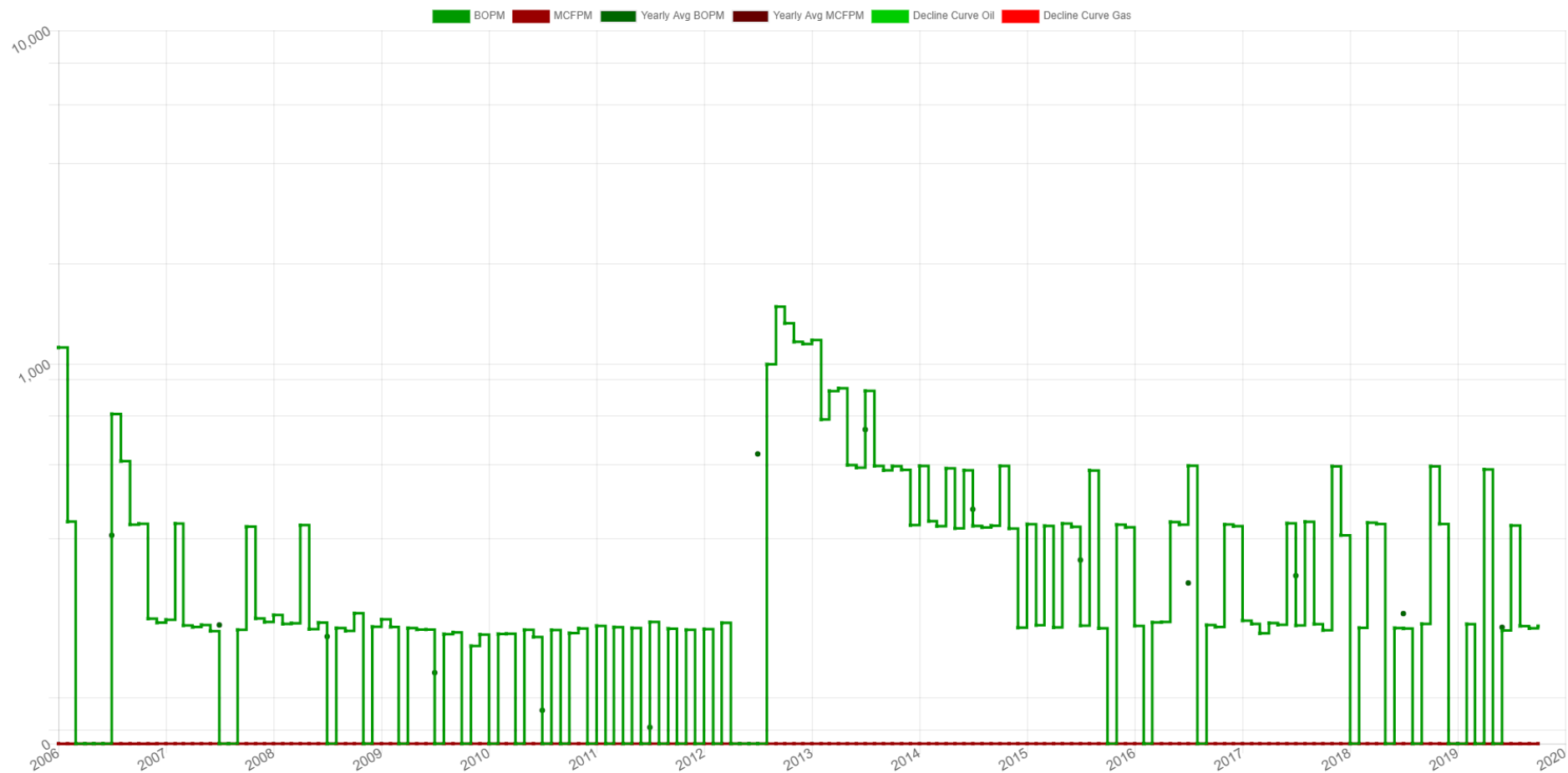
## Production Snapshot

| Month   | BOPM | MCFCPM |
|---------|------|--------|
| 11-2018 | 331  |        |
| 12-2018 |      |        |
| 01-2019 |      |        |
| 02-2019 | 166  |        |
| 03-2019 |      |        |
| 04-2019 | 483  |        |
| 05-2019 |      |        |
| 06-2019 | 159  |        |
| 07-2019 | 327  |        |
| 08-2019 | 164  |        |
| 09-2019 | 161  |        |
| 10-2019 | 164  |        |
| Average | 244  |        |

## Annual Averages

| Year | Avg BOPM | Avg MCFCPM |
|------|----------|------------|
| 2015 | 258      |            |
| 2016 | 220      |            |
| 2017 | 232      |            |
| 2018 | 178      |            |
| 2019 | 162      |            |

# GARY 1 137382 - Production Plot



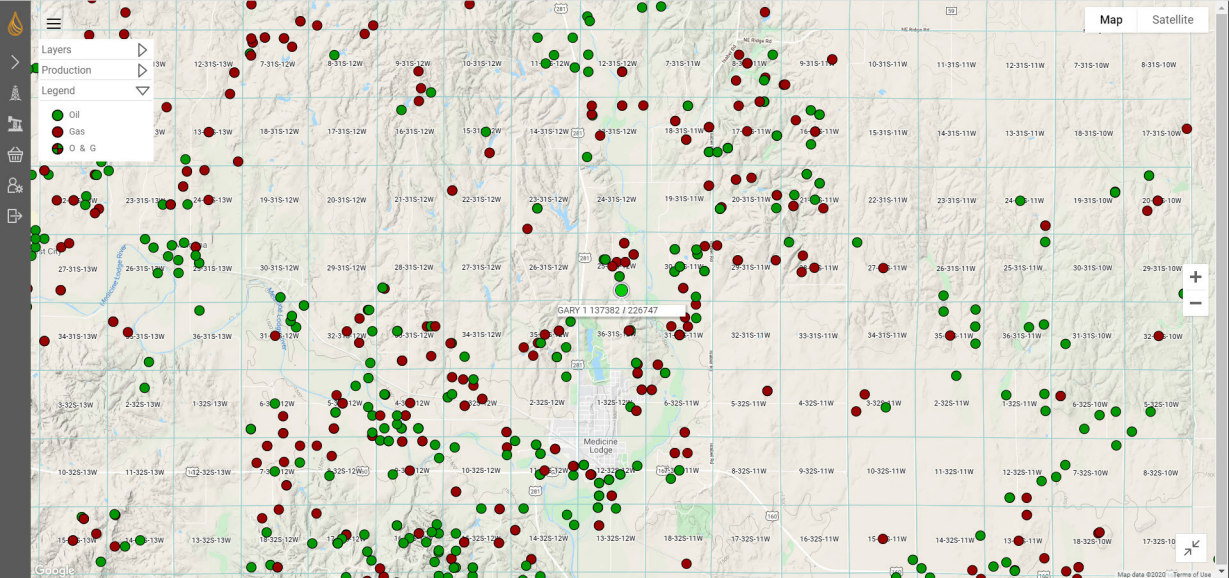


GARY 1 137382

Associated Wells

Total Well Count: 1

| Well Name  |       | API            |          | Operator                |          | Type      | Status    |
|------------|-------|----------------|----------|-------------------------|----------|-----------|-----------|
| GARY 1     |       | 15007229300000 |          | CHIEFTAIN OIL CO., INC. |          | O&G       | Producing |
| Location   | Spot  | Foot-NS        | Foot-EW  | Foot-ref                | Zone     |           |           |
| 25-31S-12W | SW SE | 756            | -1971    | SE                      | ARBUCKLE |           |           |
| Spud       |       | Completion     |          | First Production        |          |           |           |
| 2005-09-21 |       | 2005-10-13     |          |                         |          |           |           |
| Elevation  | MD    | TV-TD          | Cmpl-Top | Cmpl-Btm                | PBTD     | Drill-Dir | Lateral   |
| 1565 GL    |       | 4708           |          |                         |          |           |           |





***Inslee***





INSLEE 1 225691

Lease #: 225691

## Lease and Production Information

| State           | County            | Operator                |           |            |                   |
|-----------------|-------------------|-------------------------|-----------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |           |            |                   |
| Location        | Meridan           | Quarter Call            | Formation | Horizontal | Production Months |
| 33-32S-10W      | 6th (west -96.28) |                         | Oil       | No         | 178               |
| First Prod Date |                   |                         |           | 2005-01-01 |                   |
| Last Sale       |                   |                         |           | 2019-10-01 |                   |
| Daily Rate      |                   |                         |           | 44.5       |                   |
| MoM Change      |                   |                         |           | 116        |                   |
| YoY Change      |                   |                         |           | 2361       |                   |
| Cumulative      |                   |                         |           | 637832     |                   |

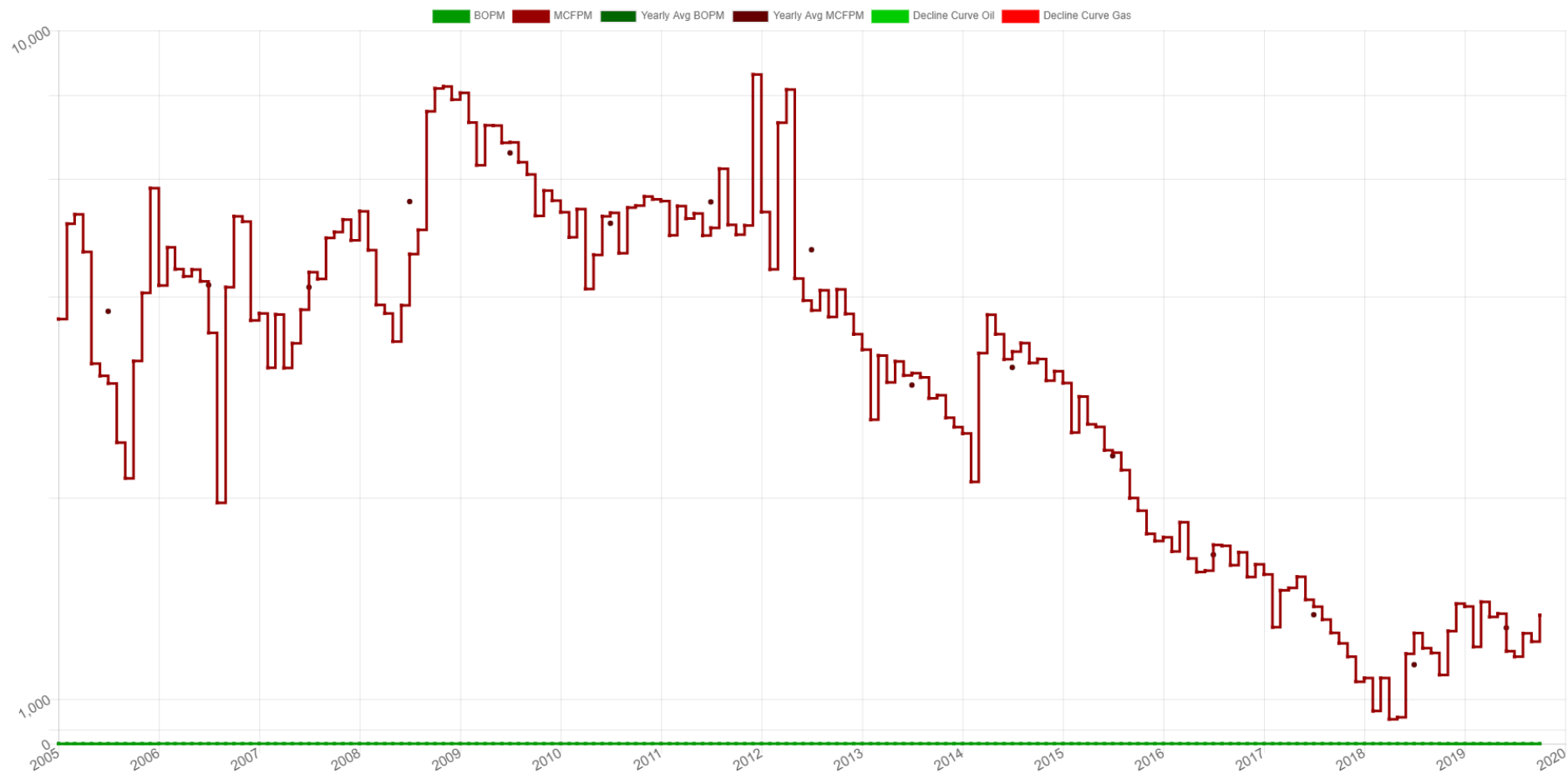
## Production Snapshot

| Month   | BOPM | MCFCPM |
|---------|------|--------|
| 11-2018 |      | 1264   |
| 12-2018 |      | 1389   |
| 01-2019 |      | 1376   |
| 02-2019 |      | 1197   |
| 03-2019 |      | 1398   |
| 04-2019 |      | 1327   |
| 05-2019 |      | 1342   |
| 06-2019 |      | 1179   |
| 07-2019 |      | 1157   |
| 08-2019 |      | 1254   |
| 09-2019 |      | 1219   |
| 10-2019 |      | 1335   |
| Average |      | 1286   |

## Annual Averages

| Year | Avg BOPM | Avg MCFCPM |
|------|----------|------------|
| 2015 |          | 2311       |
| 2016 |          | 1644       |
| 2017 |          | 1337       |
| 2018 |          | 1126       |
| 2019 |          | 1278       |

## INSLEE 1 225691 - Production Plot





INSLEE 1 225691

Associated Wells

Total Well Count: 2

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| INSLEE 1   | 15007228620000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 33-32S-10W | S2 SE NE       |            | 3050                    | -720             | SE       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2004-12-03 |                | 2005-01-25 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1490 KB    |                | 4900       |                         |                  |          |           |           |

| Well Name  | API            |       | Operator                |                  |          | Type                 | Status    |
|------------|----------------|-------|-------------------------|------------------|----------|----------------------|-----------|
| INSLEE 2   | 15007233010000 |       | CHIEFTAIN OIL CO., INC. |                  |          | O&G                  | Producing |
| Location   | Spot           |       | Foot-NS                 | Foot-EW          | Foot-ref | Zone                 |           |
| 33-32S-10W | SE NW NE NE    |       | -508                    | -822             | NE       | MISSISSIPPI, SIMPSON |           |
| Spud       |                |       | Completion              | First Production |          |                      |           |
| 2008-06-25 |                |       | 2008-08-06              |                  |          |                      |           |
| Elevation  | MD             | TV-TD | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir            | Lateral   |
| 1473 KB    |                | 4935  |                         |                  |          |                      |           |



INSLEE 136890

Lease #: 136890

## Lease and Production Information

| State           | County            | Operator                |            |            |                   |
|-----------------|-------------------|-------------------------|------------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |            |            |                   |
| Location        | Meridan           | Quarter Call            | Formation  | Horizontal | Production Months |
| 33-32S-10W      | 6th (west -96.28) |                         | Oil        | No         | 172               |
|                 |                   |                         |            |            | Gas               |
| First Prod Date |                   |                         | 2005-04-01 |            |                   |
| Last Sale       |                   |                         | 2019-07-01 |            |                   |
| Daily Rate      |                   |                         | 0.71       |            |                   |
| MoM Change      |                   |                         | 150        |            |                   |
| YoY Change      |                   |                         | 138        |            |                   |
| Cumulative      |                   |                         | 12375      |            |                   |

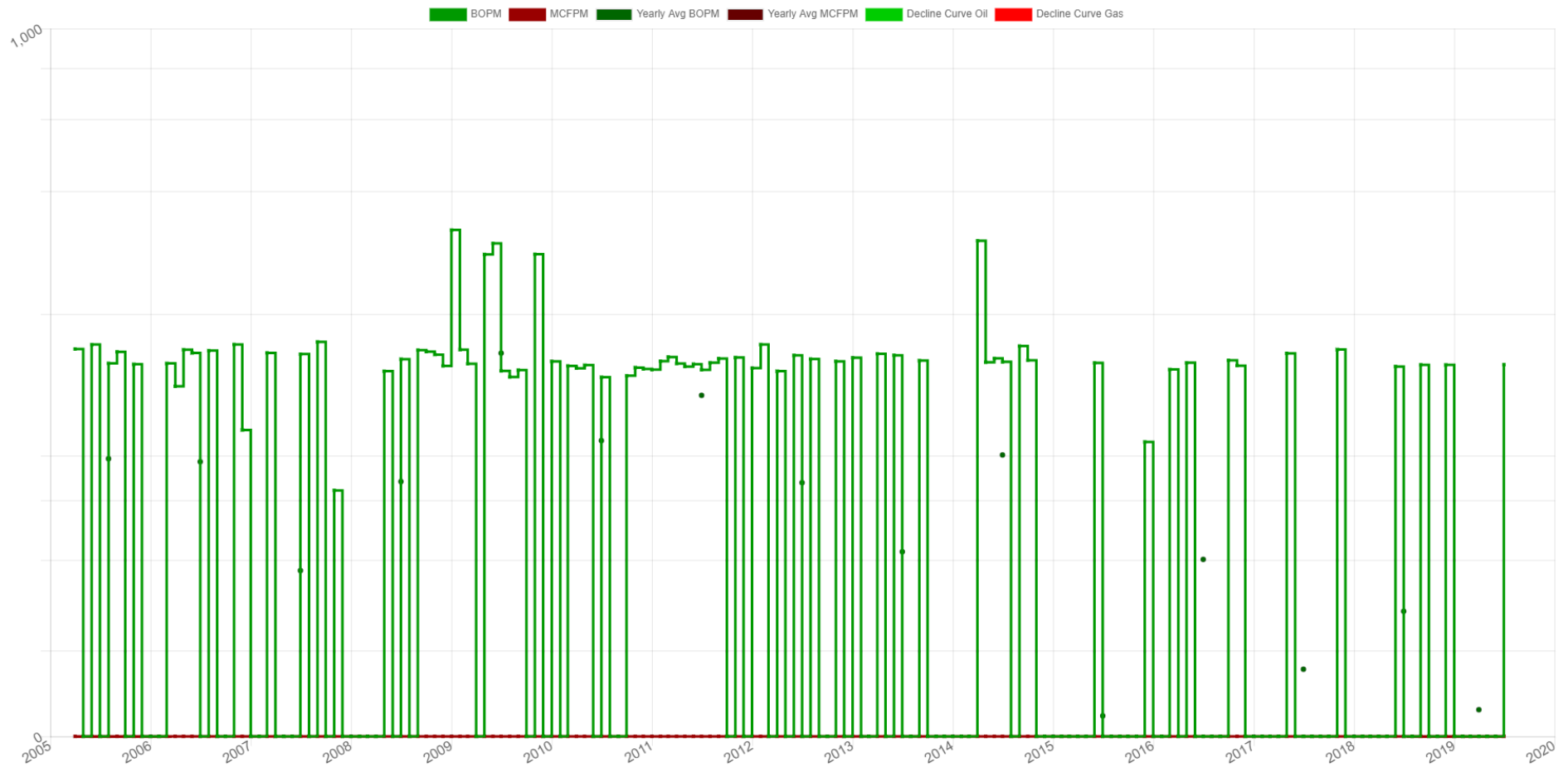
## Production Snapshot

| Month   | BOPM | MCFPM |
|---------|------|-------|
| 08-2018 |      |       |
| 09-2018 | 150  |       |
| 10-2018 |      |       |
| 11-2018 |      |       |
| 12-2018 | 150  |       |
| 01-2019 |      |       |
| 02-2019 |      |       |
| 03-2019 |      |       |
| 04-2019 |      |       |
| 05-2019 |      |       |
| 06-2019 |      |       |
| 07-2019 | 150  |       |
| Average | 150  |       |

## Annual Averages

| Year | Avg BOPM | Avg MCFPM |
|------|----------|-----------|
| 2015 | 21       |           |
| 2016 | 50       |           |
| 2017 | 27       |           |
| 2018 | 37       |           |
| 2019 | 21       |           |

## INSLEE 136890 - Production Plot





INSLEE 136890

## Associated Wells

Total Well Count: 2

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| INSLEE 1   | 15007228620000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 33-32S-10W | S2 SE NE       |            | 3050                    | -720             | SE       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2004-12-03 |                | 2005-01-25 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1490 KB    |                | 4900       |                         |                  |          |           |           |

| Well Name  | API            |       | Operator                |                  |          | Type                 | Status    |
|------------|----------------|-------|-------------------------|------------------|----------|----------------------|-----------|
| INSLEE 2   | 15007233010000 |       | CHIEFTAIN OIL CO., INC. |                  |          | O&G                  | Producing |
| Location   | Spot           |       | Foot-NS                 | Foot-EW          | Foot-ref | Zone                 |           |
| 33-32S-10W | SE NW NE NE    |       | -508                    | -822             | NE       | MISSISSIPPI, SIMPSON |           |
| Spud       |                |       | Completion              | First Production |          |                      |           |
| 2008-06-25 |                |       | 2008-08-06              |                  |          |                      |           |
| Elevation  | MD             | TV-TD | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir            | Lateral   |
| 1473 KB    |                | 4935  |                         |                  |          |                      |           |

## Layers

## Production

Legend

-  Oil
-  Gas
-  O & G

INSLEE 1 225691 / 136890



***Mary (C)***





MARY 1 137426

Lease #: 137426

## Lease and Production Information

| State           | County            | Operator                |            |            |                   |
|-----------------|-------------------|-------------------------|------------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |            |            |                   |
| Location        | Meridan           | Quarter Call            | Formation  | Horizontal | Production Months |
| 28-32S-10W      | 6th (west -96.28) |                         | Oil        | No         | 164               |
|                 |                   |                         |            |            | Gas               |
| First Prod Date |                   |                         | 2006-02-01 |            |                   |
| Last Sale       |                   |                         | 2019-09-01 |            |                   |
| Daily Rate      |                   |                         | 4.98       |            |                   |
| MoM Change      |                   |                         | 3          |            |                   |
| YoY Change      |                   |                         | -161       |            |                   |
| Cumulative      |                   |                         | 25635      |            |                   |

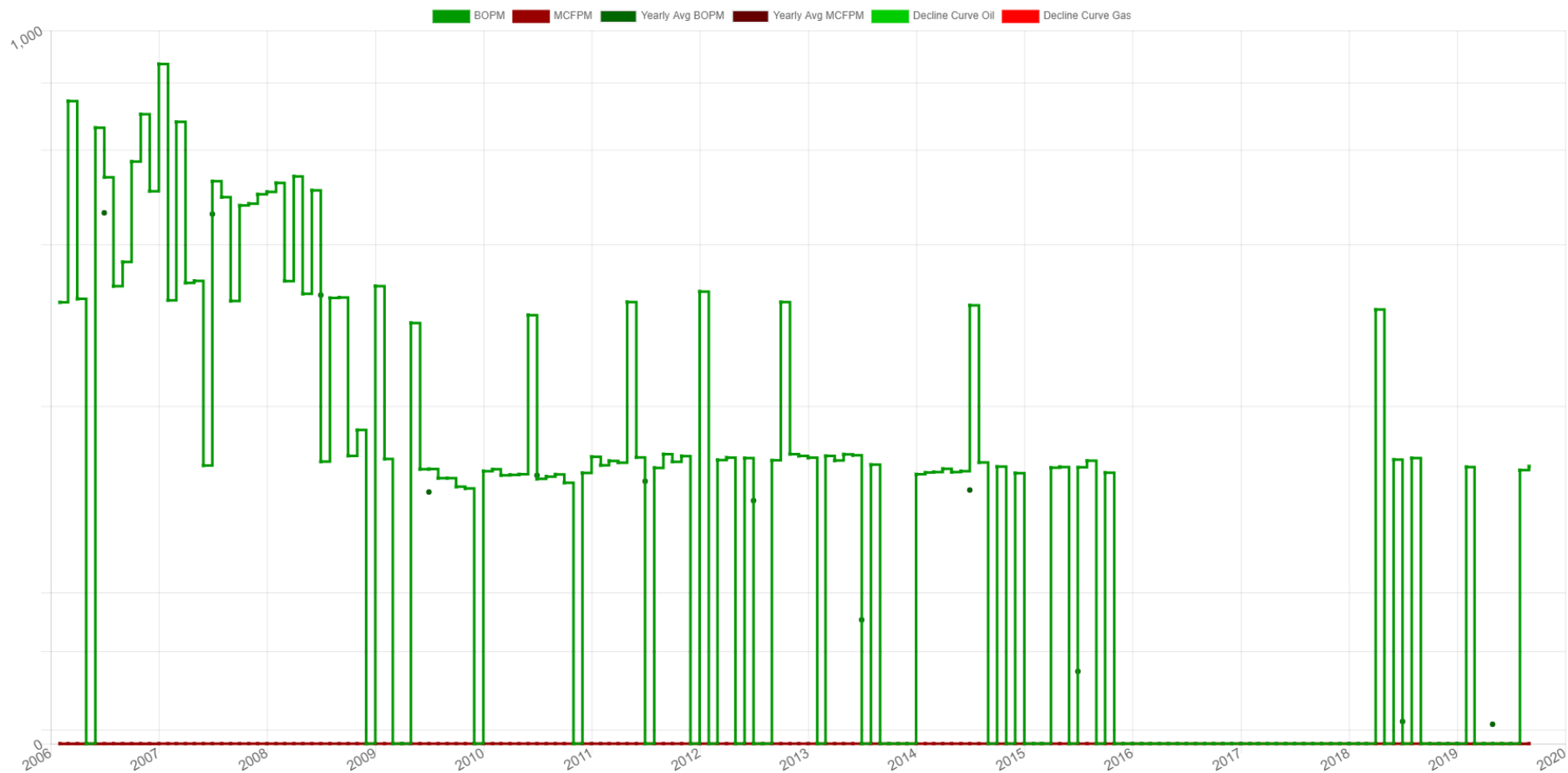
## Production Snapshot

| Month   | BOPM | MCFPM |
|---------|------|-------|
| 10-2018 |      |       |
| 11-2018 |      |       |
| 12-2018 |      |       |
| 01-2019 |      |       |
| 02-2019 | 154  |       |
| 03-2019 |      |       |
| 04-2019 |      |       |
| 05-2019 |      |       |
| 06-2019 |      |       |
| 07-2019 |      |       |
| 08-2019 | 152  |       |
| 09-2019 | 155  |       |
| Average | 154  |       |

## Annual Averages

| Year | Avg BOPM | Avg MCFPM |
|------|----------|-----------|
| 2013 | 80       |           |
| 2014 | 140      |           |
| 2015 | 64       |           |
| 2018 | 52       |           |
| 2019 | 51       |           |

## MARY 1 137426 - Production Plot





MARY 1 137426

Associated Wells

Total Well Count: 1

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| MARY 1     | 15007229340000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 28-32S-10W | SW NW SW       |            | 1650                    | 330              | SW       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2005-10-18 |                | 2005-11-01 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1463 KB    |                | 4872       |                         |                  |          |           |           |



MARY 1 226945

Lease #: 226945

## Lease and Production Information

| State           | County            | Operator                |           |            |                   |
|-----------------|-------------------|-------------------------|-----------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |           |            |                   |
| Location        | Meridan           | Quarter Call            | Formation | Horizontal | Production Months |
| 28-32S-10W      | 6th (west -96.28) |                         | Oil       | No         | 165               |
|                 |                   |                         |           | Gas        |                   |
| First Prod Date |                   |                         |           | 2006-02-01 |                   |
| Last Sale       |                   |                         |           | 2019-10-01 |                   |
| Daily Rate      |                   |                         |           | 28.43      |                   |
| MoM Change      |                   |                         |           | 91         |                   |
| YoY Change      |                   |                         |           | 6093       |                   |
| Cumulative      |                   |                         |           | 352609     |                   |

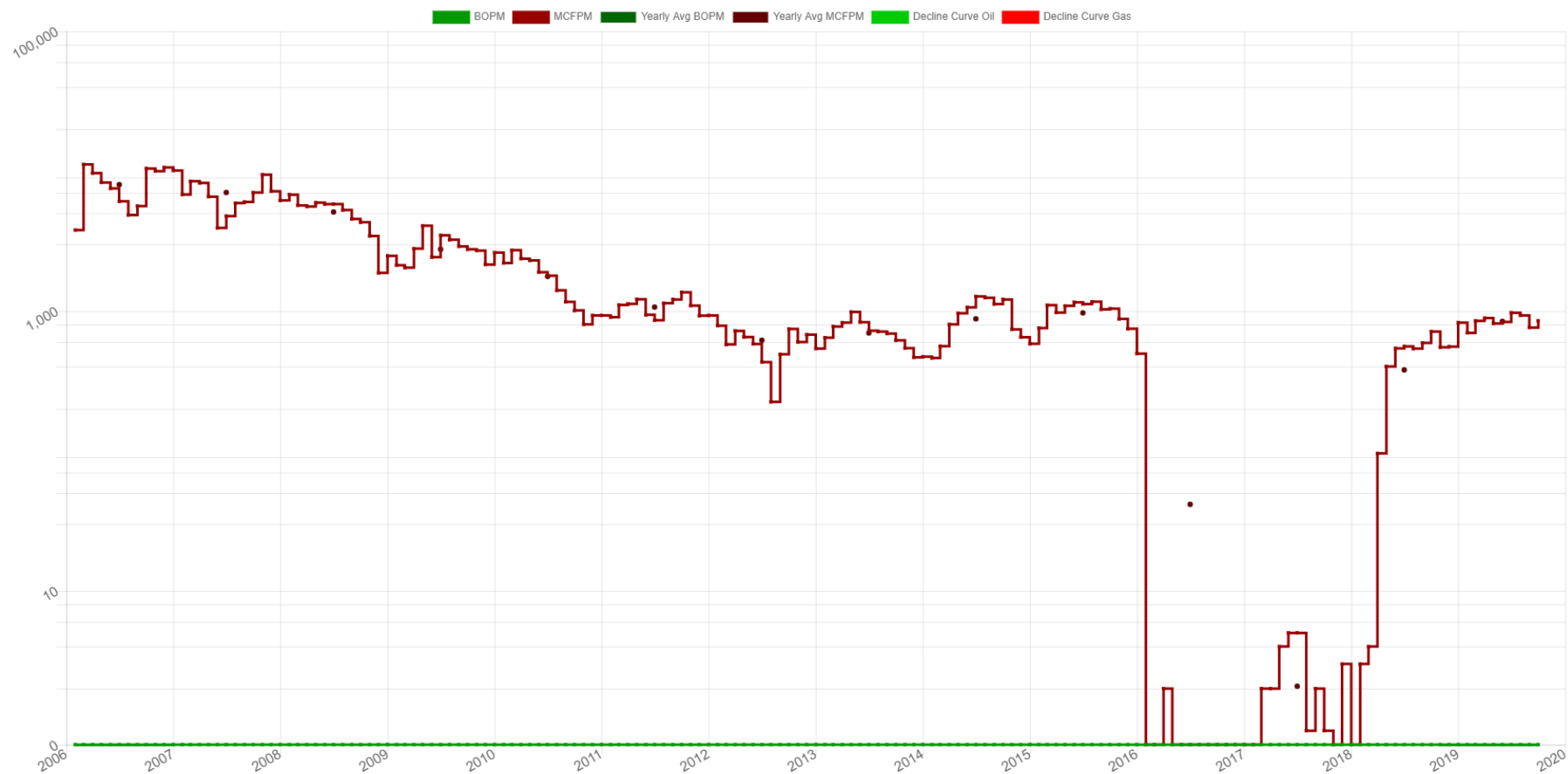
## Production Snapshot

| Month   | BOPM | MCFFPM |
|---------|------|--------|
| 11-2018 |      | 550    |
| 12-2018 |      | 556    |
| 01-2019 |      | 827    |
| 02-2019 |      | 699    |
| 03-2019 |      | 852    |
| 04-2019 |      | 891    |
| 05-2019 |      | 816    |
| 06-2019 |      | 835    |
| 07-2019 |      | 973    |
| 08-2019 |      | 931    |
| 09-2019 |      | 762    |
| 10-2019 |      | 853    |
| Average |      | 795    |

## Annual Averages

| Year | Avg BOPM | Avg MCFFPM |
|------|----------|------------|
| 2015 |          | 970        |
| 2016 |          | 42         |
| 2017 |          | 2          |
| 2018 |          | 380        |
| 2019 |          | 844        |

## MARY 1 226945 - Production Plot





MARY 1 226945

Associated Wells

Total Well Count: 1

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| MARY 1     | 15007229340000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 28-32S-10W | SW NW SW       |            | 1650                    | 330              | SW       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2005-10-18 |                | 2005-11-01 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1463 KB    |                | 4872       |                         |                  |          |           |           |



## Well Search: Report

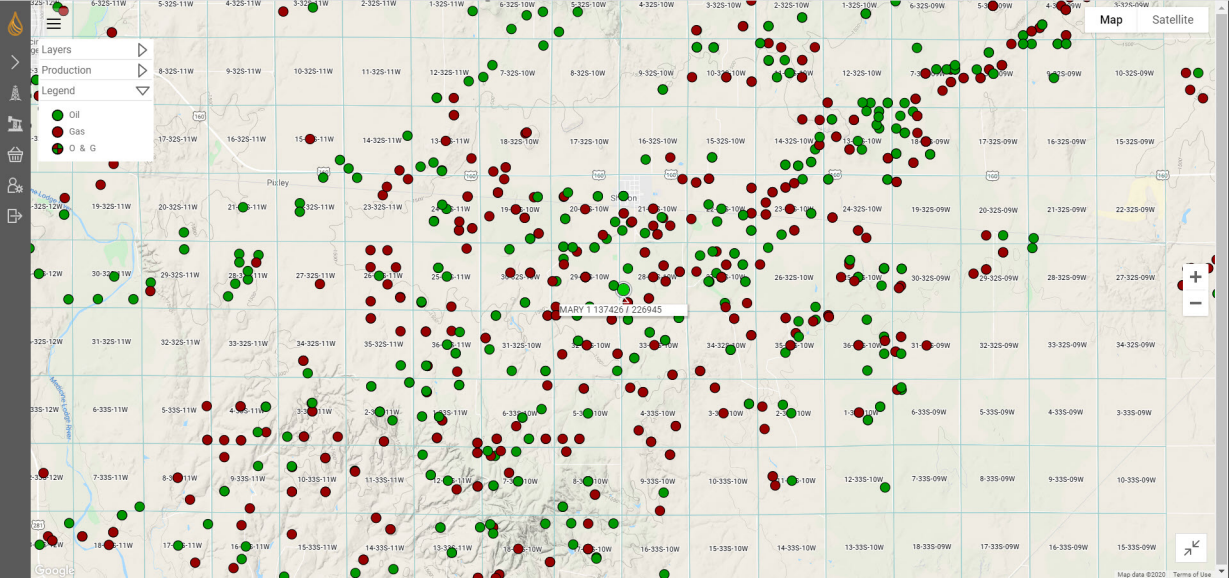
Search Criteria - States: KS Counties: BARBER Operators: CHIEFTAIN OIL CO., INC. Well: 1500722991, 1500722992, 1500722934

| Well / API #                             | Type | Status        | Formation | Lease# | Location   | Spot        | Intent Expires | Spud    | Completion | Elev    | TV-TD | MD | Horiz |
|------------------------------------------|------|---------------|-----------|--------|------------|-------------|----------------|---------|------------|---------|-------|----|-------|
| <b>County: BARBER</b>                    |      |               |           |        |            |             |                |         |            |         |       |    |       |
| <u>Operator: CHIEFTAIN OIL CO., INC.</u> |      |               |           |        |            |             |                |         |            |         |       |    |       |
| MARY 1 / 15007229340000                  | O&G  | Producing     | ARBUCKLE  | 137426 | 28-32S-10W | SW NW SW    |                | 10-2005 | 11-2005    | 1463 KB | 4,872 | No |       |
| MARY 2 / 15007229910000                  | O&G  | Inactive Well | ARBUCKLE  |        | 28-32S-10W | NW SE NE SW |                | 08-2006 | 09-2006    | 1462 KB | 4,880 | No |       |
| MARY 3 / 15007229920000                  | O&G  | Producing     | ARBUCKLE  |        | 28-32S-10W | N2 NE SW NW |                | 03-2007 | 03-2007    | 1455 KB | 4,864 | No |       |

**CHIEFTAIN OIL CO., INC. - Well Count 3**

**BARBER County - Well Count 3**

**Total Well Count: 3**





***Mathews***





MATHEWS 1 226944

Lease #: 226944

## Lease and Production Information

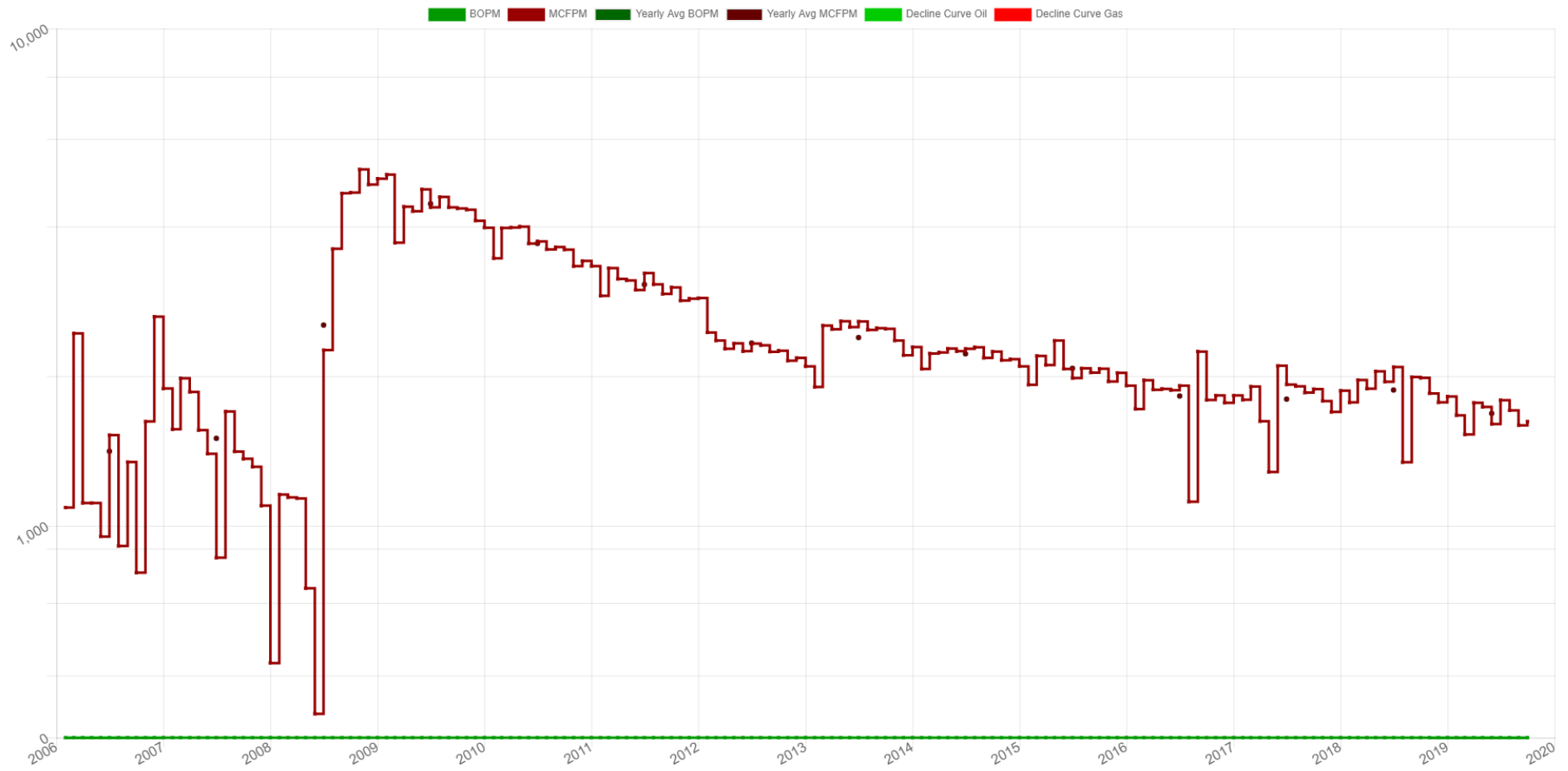
| State           | County            | Operator                |           |            |                   |
|-----------------|-------------------|-------------------------|-----------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |           |            |                   |
| Location        | Meridan           | Quarter Call            | Formation | Horizontal | Production Months |
| 5-33S-10W       | 6th (west -96.28) |                         | Oil       | No         | 165               |
| First Prod Date |                   |                         |           | 2006-02-01 |                   |
| Last Sale       |                   |                         |           | 2019-10-01 |                   |
| Daily Rate      |                   |                         |           | 54.07      |                   |
| MoM Change      |                   |                         |           | 29         |                   |
| YoY Change      |                   |                         |           | -1920      |                   |
| Cumulative      |                   |                         |           | 389359     |                   |

## Production Snapshot

| Month   | BOPM | MCFPM |
|---------|------|-------|
| 11-2018 |      | 1847  |
| 12-2018 |      | 1772  |
| 01-2019 |      | 1820  |
| 02-2019 |      | 1669  |
| 03-2019 |      | 1527  |
| 04-2019 |      | 1768  |
| 05-2019 |      | 1734  |
| 06-2019 |      | 1603  |
| 07-2019 |      | 1790  |
| 08-2019 |      | 1708  |
| 09-2019 |      | 1593  |
| 10-2019 |      | 1622  |
| Average |      | 1704  |

## Annual Averages

| Year | Avg BOPM | Avg MCFPM |
|------|----------|-----------|
| 2015 |          | 2074      |
| 2016 |          | 1825      |
| 2017 |          | 1799      |
| 2018 |          | 1876      |
| 2019 |          | 1683      |

**MATHEWS 1 226944 - Production Plot**



MATHEWS 1 226944

## Associated Wells

Total Well Count: 2

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| MATHEWS 1  | 15007229330000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 5-33S-10W  | NW SE NW NW    |            | -715                    | 935              | NW       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2005-11-06 |                | 2005-12-05 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1550 KB    |                | 4951       |                         |                  |          |           |           |

| Well Name  | API            |         | Operator                |          |                      | Type      | Status    |
|------------|----------------|---------|-------------------------|----------|----------------------|-----------|-----------|
| MATHEWS 2  | 15007232900000 |         | CHIEFTAIN OIL CO., INC. |          |                      | O&G       | Producing |
| Location   | Spot           | Foot-NS | Foot-EW                 | Foot-ref | Zone                 |           |           |
| 5-33S-10W  | SE SE NW       | -2310   | 2310                    | NW       | MISSISSIPPI, SIMPSON |           |           |
| Spud       | Completion     |         | First Production        |          |                      |           |           |
| 2008-05-27 | 2008-06-26     |         |                         |          |                      |           |           |
| Elevation  | MD             | TV-TD   | Cmpl-Top                | Cmpl-Btm | PBTD                 | Drill-Dir | Lateral   |
| 1571 KB    |                | 5085    |                         |          |                      |           |           |



MATHEWS 1-5 137427

Lease #: 137427

## Lease and Production Information

| State           | County            | Operator                |            |            |                   |
|-----------------|-------------------|-------------------------|------------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |            |            |                   |
| Location        | Meridan           | Quarter Call            | Formation  | Horizontal | Production Months |
| 5-33S-10W       | 6th (west -96.28) |                         | Oil        | No         | 161               |
|                 |                   |                         |            |            | Gas               |
| First Prod Date |                   |                         | 2006-02-01 |            |                   |
| Last Sale       |                   |                         | 2019-06-01 |            |                   |
| Daily Rate      |                   |                         | 1.1        |            |                   |
| MoM Change      |                   |                         | 166        |            |                   |
| YoY Change      |                   |                         | -171       |            |                   |
| Cumulative      |                   |                         | 24934      |            |                   |

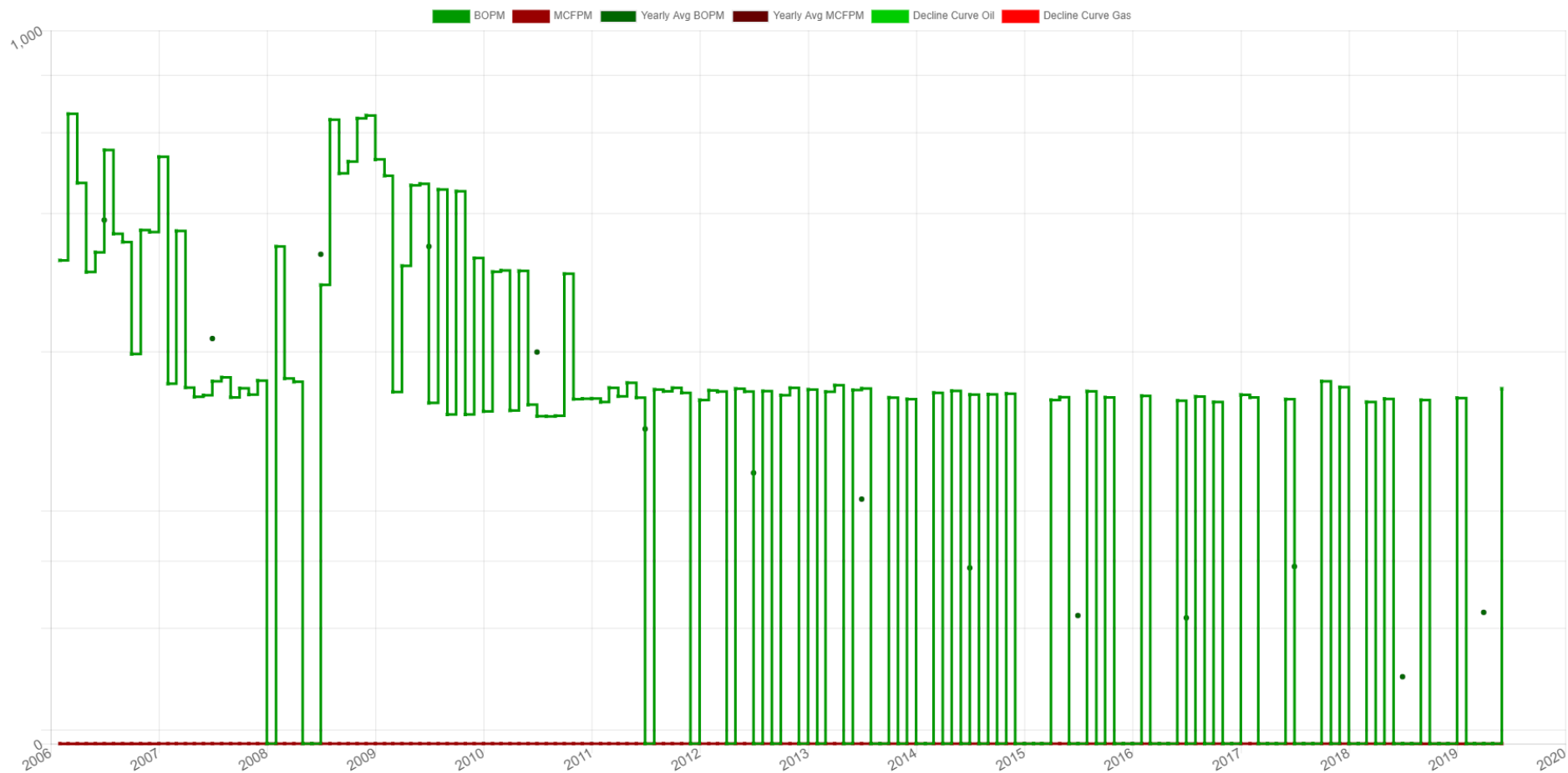
## Production Snapshot

| Month   | BOPM | MCFCPM |
|---------|------|--------|
| 07-2018 |      |        |
| 08-2018 |      |        |
| 09-2018 | 157  |        |
| 10-2018 |      |        |
| 11-2018 |      |        |
| 12-2018 |      |        |
| 01-2019 | 158  |        |
| 02-2019 |      |        |
| 03-2019 |      |        |
| 04-2019 |      |        |
| 05-2019 |      |        |
| 06-2019 | 166  |        |
| Average | 160  |        |

## Annual Averages

| Year | Avg BOPM | Avg MCFCPM |
|------|----------|------------|
| 2015 | 53       |            |
| 2016 | 53       |            |
| 2017 | 68       |            |
| 2018 | 39       |            |
| 2019 | 54       |            |

## MATHEWS 1-5 137427 - Production Plot





MATHEWS 1-5 137427

Associated Wells

Total Well Count: 2

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| MATHEWS 1  | 15007229330000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 5-33S-10W  | NW SE NW NW    |            | -715                    | 935              | NW       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2005-11-06 |                | 2005-12-05 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1550 KB    |                | 4951       |                         |                  |          |           |           |

| Well Name  | API            |         | Operator                |          |                      | Type      | Status    |
|------------|----------------|---------|-------------------------|----------|----------------------|-----------|-----------|
| MATHEWS 2  | 15007232900000 |         | CHIEFTAIN OIL CO., INC. |          |                      | O&G       | Producing |
| Location   | Spot           | Foot-NS | Foot-EW                 | Foot-ref | Zone                 |           |           |
| 5-33S-10W  | SE SE NW       | -2310   | 2310                    | NW       | MISSISSIPPI, SIMPSON |           |           |
| Spud       | Completion     |         | First Production        |          |                      |           |           |
| 2008-05-27 | 2008-06-26     |         |                         |          |                      |           |           |
| Elevation  | MD             | TV-TD   | Cmpl-Top                | Cmpl-Btm | PBTD                 | Drill-Dir | Lateral   |
| 1571 KB    |                | 5085    |                         |          |                      |           |           |





*Tom*





TOM #1 225102

Lease #: 225102

## Lease and Production Information

| State           | County            | Operator                |           |            |                   |
|-----------------|-------------------|-------------------------|-----------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |           |            |                   |
| Location        | Meridan           | Quarter Call            | Formation | Horizontal | Production Months |
| 33-32S-10W      | 6th (west -96.28) |                         | Oil       | No         | 185               |
| First Prod Date |                   |                         |           | 2004-06-01 |                   |
| Last Sale       |                   |                         |           | 2019-10-01 |                   |
| Daily Rate      |                   |                         |           | 24.3       |                   |
| MoM Change      |                   |                         |           | 35         |                   |
| YoY Change      |                   |                         |           | -2063      |                   |
| Cumulative      |                   |                         |           | 592585     |                   |

## Production Snapshot

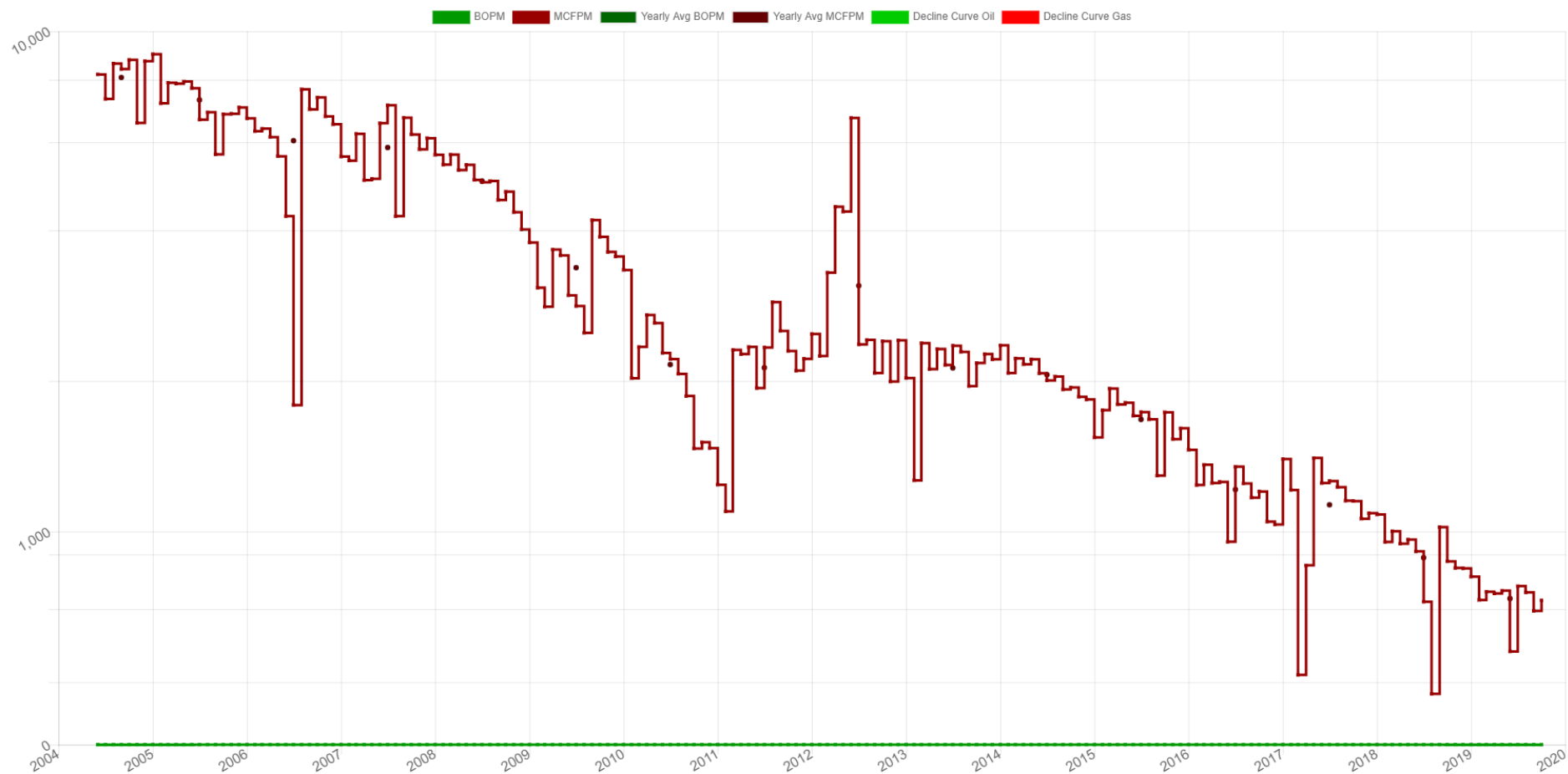
| Month   | BOPM | MCFFPM |
|---------|------|--------|
| 11-2018 |      | 846    |
| 12-2018 |      | 844    |
| 01-2019 |      | 813    |
| 02-2019 |      | 730    |
| 03-2019 |      | 758    |
| 04-2019 |      | 752    |
| 05-2019 |      | 762    |
| 06-2019 |      | 576    |
| 07-2019 |      | 778    |
| 08-2019 |      | 756    |
| 09-2019 |      | 694    |
| 10-2019 |      | 729    |
| Average |      | 753    |

## Annual Averages

| Year | Avg BOPM | Avg MCFFPM |
|------|----------|------------|
| 2015 |          | 1675       |
| 2016 |          | 1214       |
| 2017 |          | 1131       |
| 2018 |          | 887        |
| 2019 |          | 735        |



## TOM #1 225102 - Production Plot





TOM #1 225102

Associated Wells

Total Well Count: 1

| Well Name  | API            |            | Operator                |                  |          | Type      | Status    |
|------------|----------------|------------|-------------------------|------------------|----------|-----------|-----------|
| TOM 1      | 15007228110000 |            | CHIEFTAIN OIL CO., INC. |                  |          | O&G       | Producing |
| Location   | Spot           |            | Foot-NS                 | Foot-EW          | Foot-ref | Zone      |           |
| 33-32S-10W | SE SW NE       |            | -2250                   | -1785            | NE       | ARBUCKLE  |           |
| Spud       |                | Completion |                         | First Production |          |           |           |
| 2004-04-07 |                | 2004-04-29 |                         |                  |          |           |           |
| Elevation  | MD             | TV-TD      | Cmpl-Top                | Cmpl-Btm         | PBTD     | Drill-Dir | Lateral   |
| 1484 KB    |                | 4898       |                         |                  |          |           |           |



TOM 136580

Lease #: 136580

## Lease and Production Information

| State           | County            | Operator                |            |            |                   |
|-----------------|-------------------|-------------------------|------------|------------|-------------------|
| KS              | BARBER            | CHIEFTAIN OIL CO., INC. |            |            |                   |
| Location        | Meridan           | Quarter Call            | Formation  | Horizontal | Production Months |
| 33-32S-10W      | 6th (west -96.28) |                         | Oil        | No         | 179               |
|                 |                   |                         |            |            | Gas               |
| First Prod Date |                   |                         | 2004-09-01 |            |                   |
| Last Sale       |                   |                         | 2019-07-01 |            |                   |
| Daily Rate      |                   |                         | 0.14       |            |                   |
| MoM Change      |                   |                         | 127        |            |                   |
| YoY Change      |                   |                         | 127        |            |                   |
| Cumulative      |                   |                         | 2626       |            |                   |

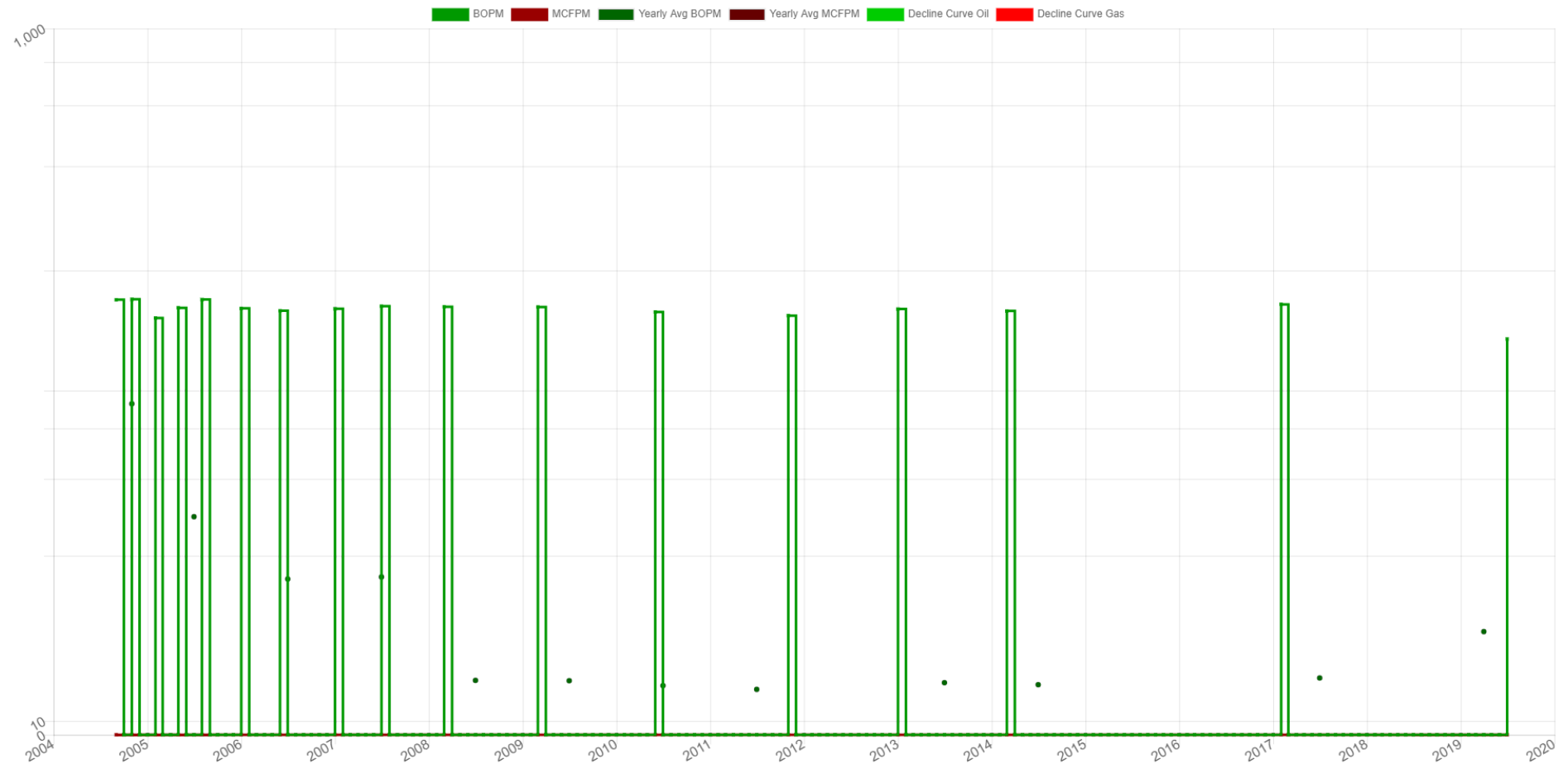
## Production Snapshot

| Month   | BOPM | MCFCPM |
|---------|------|--------|
| 08-2018 |      |        |
| 09-2018 |      |        |
| 10-2018 |      |        |
| 11-2018 |      |        |
| 12-2018 |      |        |
| 01-2019 |      |        |
| 02-2019 |      |        |
| 03-2019 |      |        |
| 04-2019 |      |        |
| 05-2019 |      |        |
| 06-2019 |      |        |
| 07-2019 | 127  |        |
| Average | 127  |        |

## Annual Averages

| Year | Avg BOPM | Avg MCFCPM |
|------|----------|------------|
| 2011 | 12       |            |
| 2013 | 13       |            |
| 2014 | 13       |            |
| 2017 | 13       |            |
| 2019 | 18       |            |

## TOM 136580 - Production Plot



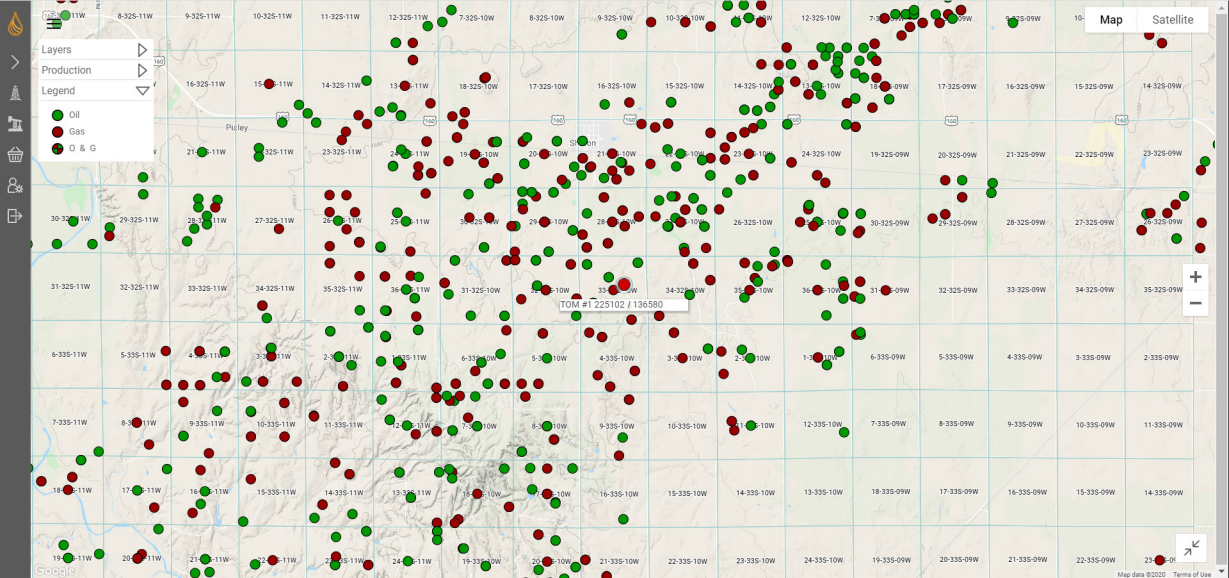


TOM 136580

Associated Wells

Total Well Count: 1

| Well Name  |          | API            |          | Operator                |          | Type      | Status    |
|------------|----------|----------------|----------|-------------------------|----------|-----------|-----------|
| TOM 1      |          | 15007228110000 |          | CHIEFTAIN OIL CO., INC. |          | O&G       | Producing |
| Location   | Spot     | Foot-NS        | Foot-EW  | Foot-ref                | Zone     |           |           |
| 33-32S-10W | SE SW NE | -2250          | -1785    | NE                      | ARBUCKLE |           |           |
| Spud       |          | Completion     |          | First Production        |          |           |           |
| 2004-04-07 |          | 2004-04-29     |          |                         |          |           |           |
| Elevation  | MD       | TV-TD          | Cmpl-Top | Cmpl-Btm                | PBTD     | Drill-Dir | Lateral   |
| 1484 KB    |          | 4898           |          |                         |          |           |           |





# *Misc. Info*

