



SWARNER PLD 221541

Lease #: 221541

## Lease and Production Information

| State           | County            | Operator           |           |            |                   |
|-----------------|-------------------|--------------------|-----------|------------|-------------------|
| KS              | COMANCHE          | HUMMON CORPORATION |           |            |                   |
| Location        | Meridan           | Quarter Call       | Formation | Horizontal | Production Months |
| 9-31S-18W       | 6th (west -96.28) |                    | Oil       | No         | 160               |
| First Prod Date |                   |                    |           | 1997-02-01 |                   |
| Last Sale       |                   |                    |           | 2010-05-01 |                   |
| Daily Rate      |                   |                    |           | 0          |                   |
| MoM Change      |                   |                    |           | 0          |                   |
| YoY Change      |                   |                    |           | 0          |                   |
| Cumulative      |                   |                    |           | 175978     |                   |

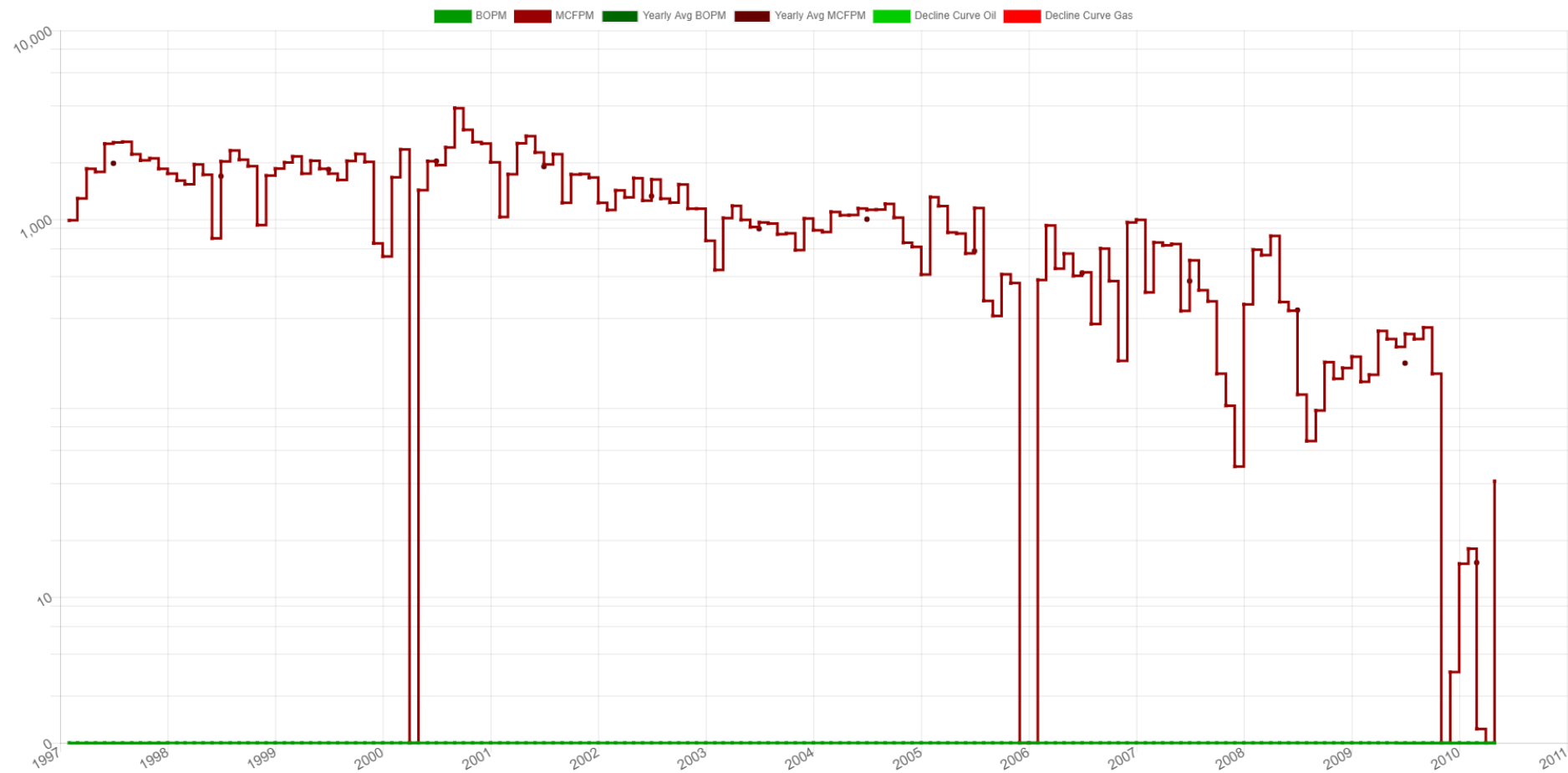
## Production Snapshot

| Month   | BOPM | MCFPM |
|---------|------|-------|
| 06-2009 |      | 211   |
| 07-2009 |      | 247   |
| 08-2009 |      | 232   |
| 09-2009 |      | 267   |
| 10-2009 |      | 152   |
| 11-2009 |      |       |
| 12-2009 |      | 4     |
| 01-2010 |      | 15    |
| 02-2010 |      | 18    |
| 03-2010 |      | 2     |
| 04-2010 |      |       |
| 05-2010 |      | 41    |
| Average |      | 119   |

## Annual Averages

| Year | Avg BOPM | Avg MCFPM |
|------|----------|-----------|
| 2006 |          | 519       |
| 2007 |          | 471       |
| 2008 |          | 330       |
| 2009 |          | 173       |
| 2010 |          | 15        |

## SWARNER PLD 221541 - Production Plot





SWARNER PLD 221541

Associated Wells

Total Well Count: 3

| Well Name  | API            |         | Operator           |          |               | Type             | Status        |
|------------|----------------|---------|--------------------|----------|---------------|------------------|---------------|
| SWARNER 1  | 15033206810000 |         | HUMMON CORPORATION |          |               | O&G              | Inactive Well |
| Location   | Spot           | Foot-NS | Foot-EW            | Foot-ref | Zone          |                  |               |
| 9-31S-18W  | NW SW          | 2071    | -4639              | SE       | MISSISSIPPIAN |                  |               |
| Spud       |                |         | Completion         |          |               | First Production |               |
| 1985-08-26 |                |         | 1985-09-05         |          |               |                  |               |
| Elevation  | MD             | TV-TD   | Cmpl-Top           | Cmpl-Btm | PBTD          | Drill-Dir        | Lateral       |
| 2169 KB    |                | 5176    |                    |          |               |                  |               |

| Well Name   | API            |         | Operator           |          |               | Type             | Status    |
|-------------|----------------|---------|--------------------|----------|---------------|------------------|-----------|
| SWARNER 2-9 | 15033208770000 |         | HUMMON CORPORATION |          |               | O&G              | Producing |
| Location    | Spot           | Foot-NS | Foot-EW            | Foot-ref | Zone          |                  |           |
| 9-31S-18W   | NE SW SW       | 843     | -4579              | SE       | MISSISSIPPIAN |                  |           |
| Spud        |                |         | Completion         |          |               | First Production |           |
| 1993-09-03  |                |         | 1993-09-13         |          |               |                  |           |
| Elevation   | MD             | TV-TD   | Cmpl-Top           | Cmpl-Btm | PBTD          | Drill-Dir        | Lateral   |
| 2144 KB     |                | 5180    |                    |          |               |                  |           |

| Well Name   | API            |         | Operator           |          |               | Type             | Status        |
|-------------|----------------|---------|--------------------|----------|---------------|------------------|---------------|
| SWARNER 3-9 | 15033208790000 |         | HUMMON CORPORATION |          |               | O&G              | Inactive Well |
| Location    | Spot           | Foot-NS | Foot-EW            | Foot-ref | Zone          |                  |               |
| 9-31S-18W   | NW SE SW       | 840     | -3673              | SE       | MISSISSIPPIAN |                  |               |
| Spud        |                |         | Completion         |          |               | First Production |               |
| 1994-02-14  |                |         | 1994-02-22         |          |               |                  |               |
| Elevation   | MD             | TV-TD   | Cmpl-Top           | Cmpl-Btm | PBTD          | Drill-Dir        | Lateral       |
| 2147 KB     |                | 5097    |                    |          |               |                  |               |



SWARNER 3 132722

Lease #: 132722

## Lease and Production Information

| State           | County            | Operator           |                      |            |                   |
|-----------------|-------------------|--------------------|----------------------|------------|-------------------|
| KS              | COMANCHE          | HUMMON CORPORATION |                      |            |                   |
| Location        | Meridan           | Quarter Call       | Formation            | Horizontal | Production Months |
| 9-31S-18W       | 6th (west -96.28) |                    | MISSISSIPPIAN SYSTEM | No         | 299               |
|                 |                   |                    | Oil                  |            | Gas               |
| First Prod Date |                   |                    | 1994-10-01           |            |                   |
| Last Sale       |                   |                    | 2019-08-01           |            |                   |
| Daily Rate      |                   |                    | 5.02                 |            |                   |
| MoM Change      |                   |                    | -164                 |            |                   |
| YoY Change      |                   |                    | 13                   |            |                   |
| Cumulative      |                   |                    | 207452               |            |                   |

## Production Snapshot

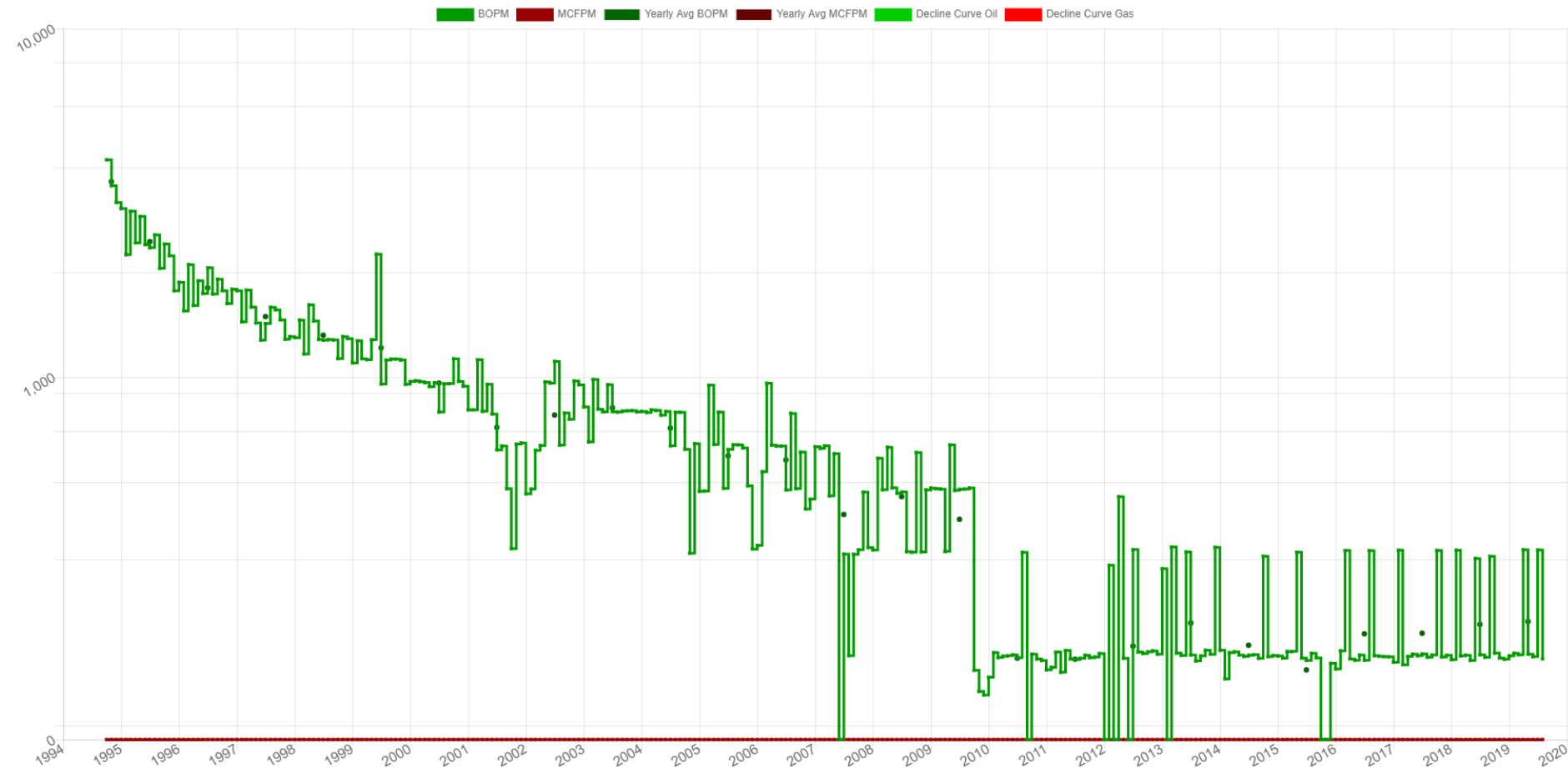
| Month   | BOPM | MCFPM |
|---------|------|-------|
| 09-2018 | 306  |       |
| 10-2018 | 162  |       |
| 11-2018 | 156  |       |
| 12-2018 | 155  |       |
| 01-2019 | 159  |       |
| 02-2019 | 161  |       |
| 03-2019 | 160  |       |
| 04-2019 | 320  |       |
| 05-2019 | 160  |       |
| 06-2019 | 158  |       |
| 07-2019 | 319  |       |
| 08-2019 | 155  |       |
| Average | 198  |       |

## Annual Averages

| Year | Avg BOPM | Avg MCFPM |
|------|----------|-----------|
| 2015 | 145      |           |
| 2016 | 183      |           |
| 2017 | 184      |           |
| 2018 | 195      |           |
| 2019 | 199      |           |



# SWARNER 3 132722 - Production Plot





SWARNER 3 132722

Associated Wells

Total Well Count: 3

| Well Name  | API            |         | Operator           |          |               | Type             | Status        |
|------------|----------------|---------|--------------------|----------|---------------|------------------|---------------|
| SWARNER 1  | 15033206810000 |         | HUMMON CORPORATION |          |               | O&G              | Inactive Well |
| Location   | Spot           | Foot-NS | Foot-EW            | Foot-ref | Zone          |                  |               |
| 9-31S-18W  | NW SW          | 2071    | -4639              | SE       | MISSISSIPPIAN |                  |               |
| Spud       |                |         | Completion         |          |               | First Production |               |
| 1985-08-26 |                |         | 1985-09-05         |          |               |                  |               |
| Elevation  | MD             | TV-TD   | Cmpl-Top           | Cmpl-Btm | PBTD          | Drill-Dir        | Lateral       |
| 2169 KB    |                | 5176    |                    |          |               |                  |               |

| Well Name   | API            |         | Operator           |          |               | Type             | Status    |
|-------------|----------------|---------|--------------------|----------|---------------|------------------|-----------|
| SWARNER 2-9 | 15033208770000 |         | HUMMON CORPORATION |          |               | O&G              | Producing |
| Location    | Spot           | Foot-NS | Foot-EW            | Foot-ref | Zone          |                  |           |
| 9-31S-18W   | NE SW SW       | 843     | -4579              | SE       | MISSISSIPPIAN |                  |           |
| Spud        |                |         | Completion         |          |               | First Production |           |
| 1993-09-03  |                |         | 1993-09-13         |          |               |                  |           |
| Elevation   | MD             | TV-TD   | Cmpl-Top           | Cmpl-Btm | PBTD          | Drill-Dir        | Lateral   |
| 2144 KB     |                | 5180    |                    |          |               |                  |           |

| Well Name   | API            |         | Operator           |          |               | Type             | Status        |
|-------------|----------------|---------|--------------------|----------|---------------|------------------|---------------|
| SWARNER 3-9 | 15033208790000 |         | HUMMON CORPORATION |          |               | O&G              | Inactive Well |
| Location    | Spot           | Foot-NS | Foot-EW            | Foot-ref | Zone          |                  |               |
| 9-31S-18W   | NW SE SW       | 840     | -3673              | SE       | MISSISSIPPIAN |                  |               |
| Spud        |                |         | Completion         |          |               | First Production |               |
| 1994-02-14  |                |         | 1994-02-22         |          |               |                  |               |
| Elevation   | MD             | TV-TD   | Cmpl-Top           | Cmpl-Btm | PBTD          | Drill-Dir        | Lateral       |
| 2147 KB     |                | 5097    |                    |          |               |                  |               |

