December 2018

## **National**

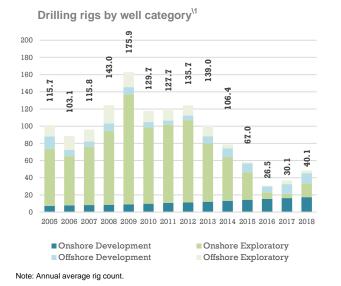


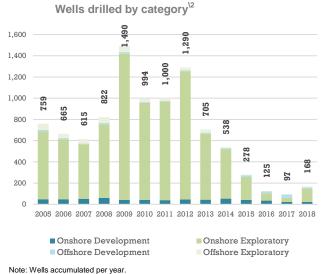


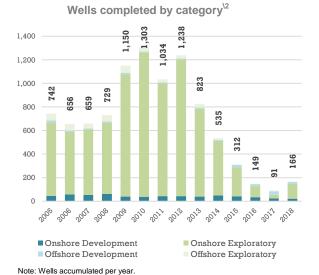
|             |   | Per   | nex                     | Other Operators  |                                | Total  |          |
|-------------|---|---|-------------------------|--|--------------------------------|--|----------|
|             |   | DEC/2017  | DEC/2018                | DEC/2017   | DEC/2018                       | DEC/2017   | DEC/2018 |
| Total       |   | 36.0  | 44.0                    | 3.4  | 5.1                            | 39.4   | 49.1     |
| Davalanment | Onshore   | 11.0  | 18.0                    | 0.0  | 0.0                            | 11.0   | 18.0     |
| Development | Offshore  | 11.0  | 15.0                    | 2.3  | 3.1                            | 13.3   | 18.1     |
| Exploration | Onshore   | 10.0  | 3.0                     | 1.1  | 2.0                            | 11.1   | 5.0      |
|             | Offshore  | 4.0   | 8.0                     | 0.0  | 0.0                            | 4.0  | 8.0      |
| Total       |   | 13  | 20                      | 2  | 0                              | 15   | 20       |
| Development | Onshore   | 1   | 4                       | 0  | 0                              | 1  | 4        |
|             | Offshore  | 9   | 10                      | 1  | 0                              | 10   | 10       |
| Exploration | Onshore   | 2   | 2                       | 1  | 0                              | 3  | 2        |
|             | Offshore  | 1   | 4                       | 0  | 0                              | 1  | 4        |
| Total       |   | 9   | 21                      | 2  | 0                              | 11   | 21       |
| Develonment | Onshore   | 1   | 2                       | 0  | 0                              | 1  | 2        |
| Development | Offshore  | 6   | 14                      | 0  | 0                              | 6  | 14       |
| Exploration | Onshore   | 2   | 3                       | 2  | 0                              | 4  | 3        |
|             | Offshore  | 0   | 2                       | 0  | 0                              | 0  | 2        |
|             | Development  Exploration  Total  Development  Exploration  Total  Development | Development  Development  Exploration  Onshore Onshore Onshore Offshore  Total  Development  Exploration  Onshore Offshore Onshore Offshore Offshore  Total  Development Onshore Offshore Onshore Offshore Onshore Offshore Onshore | DEC/2017   Total   36.0 | Total         36.0         44.0           Development         Onshore         11.0         18.0           Offshore         11.0         15.0           Exploration         Onshore         10.0         3.0           Offshore         4.0         8.0           Total         13         20           Development         Onshore         1         4           Offshore         9         10           Onshore         2         2           Offshore         1         4           Total         9         21           Development         Onshore         1         2           Offshore         6         14           Exploration         Onshore         2         3 | DEC/2017   DEC/2018   DEC/2017 | Total         Onshore         11.0         18.0         0.0         0.0           Development         Offshore         11.0         18.0         0.0         0.0           Exploration         Offshore         11.0         15.0         2.3         3.1           Exploration         Onshore         10.0         3.0         1.1         2.0           Offshore         4.0         8.0         0.0         0.0           Total         13         20         2         0           Development         Onshore         1         4         0         0           Exploration         Offshore         2         2         1         0           Total         9         21         2         0           Development         Onshore         1         2         0         0           Development         Onshore         1         2         0         0         0           Development         Onshore         6         14         0         0         0           Exploration         Onshore         2         3         2         0         0 | Total    |

<sup>\1</sup>Average number of drilling rigs calculated from the beginning of the year through the month of reporting.

<sup>\2</sup>Cumulative number of wells from the beginning of the year through the month of reporting.







Source: Institutional Database of Petróleos Mexicanos and the National Hydrocarbons Commission

December 2018

# Basins: Burgos, Burro-Picachos and Sabinas

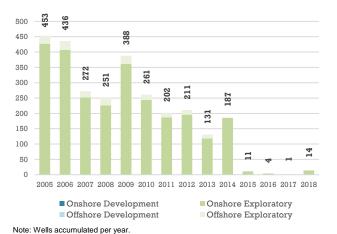




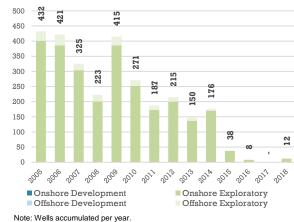
|                    |             |          | Pemex    |          | Other Operators |          | Total    |          |
|--------------------|-------------|----------|----------|----------|-----------------|----------|----------|----------|
|                    |             |          | DEC/2017 | DEC/2018 | DEC/2017        | DEC/2018 | DEC/2017 | DEC/2018 |
| 1                  | Total       |          | 1.0      | 0.0      | 0.0             | 0.5      | 1.0      | 0.5      |
|                    | Development | Onshore  | 0.0      | 0.0      | 0.0             | 0.0      | 0.0      | 0.0      |
| Drilling Rigs      |             | Offshore | 1.0      | 0.0      | 0.0             | 0.5      | 1.0      | 0.5      |
|                    | Exploration | Onshore  | 0.0      | 0.0      | 0.0             | 0.0      | 0.0      | 0.0      |
|                    |             | Offshore | 0.0      | 0.0      | 0.0             | 0.0      | 0.0      | 0.0      |
|                    | Total       |          | 1        | 2        | 0               | 0        | 1        | 2        |
|                    | Development | Onshore  | 0        | 0        | 0               | 0        | 0        | 0        |
| Drilled Wells      |             | Offshore | 1        | 2        | 0               | 0        | 1        | 2        |
|                    | Exploration | Onshore  | 0        | 0        | 0               | 0        | 0        | 0        |
|                    |             | Offshore | 0        | 0        | 0               | 0        | 0        | 0        |
|                    | Total       |          | 0        | 2        | 0               | 0        | 0        | 2        |
| Commissed          | Development | Onshore  | 0        | 0        | 0               | 0        | 0        | 0        |
| Completed<br>Wells |             | Offshore | 0        | 2        | 0               | 0        | 0        | 2        |
| ]                  | Exploration | Onshore  | 0        | 0        | 0               | 0        | 0        | 0        |
|                    |             | Offshore | 0        | 0        | 0               | 0        | 0        | 0        |

<sup>\1</sup>Average number of drilling rigs calculated from the beginning of the year through the month of reporting.

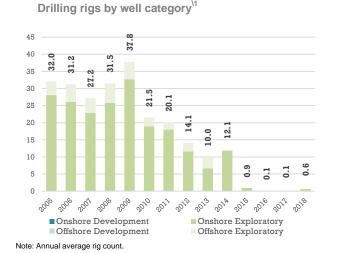
### Wells drilled by category 2



### Wells completed by category<sup>12</sup>



Source: Institutional Database of Petróleos Mexicanos and the National Hydrocarbons Commission



<sup>\2</sup>Cumulative number of wells from the beginning of the year through the month of reporting.

December 2018

# **Basin: Tampico-Misantla**

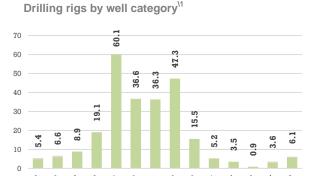




|                    |             |          | Pemex Other Operators |          | Total    |          |          |          |
|--------------------|-------------|----------|-----------------------|----------|----------|----------|----------|----------|
|                    |             |          | DEC/2017              | DEC/2018 | DEC/2017 | DEC/2018 | DEC/2017 | DEC/2018 |
|                    | Total       |          | 9.0                   | 5.0      | 2.0      | 2.0      | 11.0     | 7.0      |
| Drilling Rigs      | Development | Onshore  | 0.0                   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
|                    |             | Offshore | 8.0                   | 5.0      | 2.0      | 2.0      | 10.0     | 7.0      |
|                    | Exploration | Onshore  | 0.0                   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
|                    |             | Offshore | 1.0                   | 0.0      | 0.0      | 0.0      | 1.0      | 0.0      |
|                    | Total       |          | 7                     | 6        | 1        | 0        | 8        | 6        |
|                    | Development | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
| Drilled Wells      |             | Offshore | 7                     | 6        | 1        | 0        | 8        | 6        |
|                    | Exploration | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
|                    |             | Offshore | 0                     | 0        | 0        | 0        | 0        | 0        |
|                    | Total       |          | 5                     | 6        | 0        | 0        | 5        | 6        |
| Completed          | Development | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
| Completed<br>Wells |             | Offshore | 5                     | 6        | 0        | 0        | 5        | 6        |
|                    | Exploration | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
|                    |             | Offshore | 0                     | 0        | 0        | 0        | 0        | 0        |

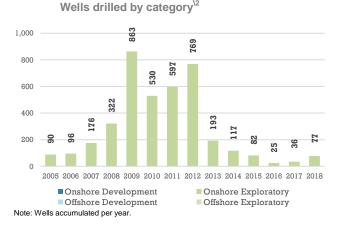
<sup>\1</sup>Average number of drilling rigs calculated from the beginning of the year through the month of reporting.

\2Cumulative number of wells from the beginning of the year through the month of reporting.

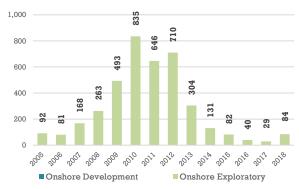


Onshore Development

Note: Annual average rig count.



### Wells completed by category\2



Note: Wells accumulated per year.

Source: Institutional Database of Petróleos Mexicanos and the National Hydrocarbons Commission

Onshore Exploratory

December 2018

## **Basin: Veracruz**

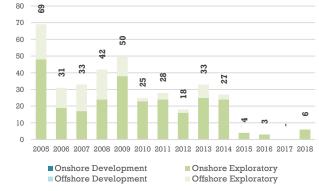




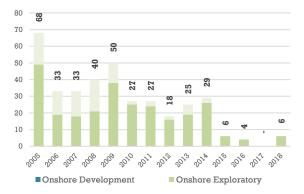
|                      |             |          | Pemex Other Operators |          | Total    |          |          |          |
|----------------------|-------------|----------|-----------------------|----------|----------|----------|----------|----------|
|                      |             |          | DEC/2017              | DEC/2018 | DEC/2017 | DEC/2018 | DEC/2017 | DEC/2018 |
|                      | Total       |          | 0.0                   | 3.0      | 0.0      | 0.0      | 0.0      | 3.0      |
|                      | Development | Onshore  | 0.0                   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| <b>Drilling Rigs</b> |             | Offshore | 0.0                   | 3.0      | 0.0      | 0.0      | 0.0      | 3.0      |
|                      | Exploration | Onshore  | 0.0                   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
|                      |             | Offshore | 0.0                   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
|                      | Total       |          | 0                     | 0        | 0        | 0        | 0        | 0        |
|                      | Development | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
| Drilled Wells        |             | Offshore | 0                     | 0        | 0        | 0        | 0        | 0        |
|                      | Exploration | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
|                      |             | Offshore | 0                     | 0        | 0        | 0        | 0        | 0        |
|                      | Total       |          | 0                     | 0        | 0        | 0        | 0        | 0        |
| Completed            | Development | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
| Completed<br>Wells   |             | Offshore | 0                     | 0        | 0        | 0        | 0        | 0        |
|                      | Exploration | Onshore  | 0                     | 0        | 0        | 0        | 0        | 0        |
|                      |             | Offshore | 0                     | 0        | 0        | 0        | 0        | 0        |

<sup>\1</sup>Average number of drilling rigs calculated from the beginning of the year through the month of reporting.

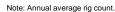
### Wells drilled by category\2



Wells completed by category<sup>12</sup>



Note: Wells accumulated per year.



12

Drilling rigs by well category<sup>\(1\)</sup>

Onshore Development

Note: Wells accumulated per year.

Source: Institutional Database of Petróleos Mexicanos and the National Hydrocarbons Commission

Onshore Exploratory

<sup>\2</sup>Cumulative number of wells from the beginning of the year through the month of reporting.

December 2018

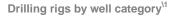
# de Hidrocarburos

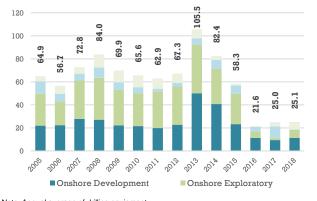
### Southeast basins



|                      |             |          | Pemex    |          | Other Operators |          | Total    |          |
|----------------------|-------------|----------|----------|----------|-----------------|----------|----------|----------|
|                      |             |          | DEC/2017 | DEC/2018 | DEC/2017        | DEC/2018 | DEC/2017 | DEC/2018 |
|                      | Total       |          | 25.0     | 33.0     | 1.4             | 1.6      | 26.4     | 34.6     |
|                      | Development | Onshore  | 11.0     | 18.0     | 0.0             | 0.0      | 11.0     | 18.0     |
| <b>Drilling Rigs</b> |             | Offshore | 2.0      | 7.0      | 0.3             | 0.6      | 2.3      | 7.6      |
|                      | Exploration | Onshore  | 9.0      | 0.0      | 1.1             | 1.0      | 10.1     | 1.0      |
|                      |             | Offshore | 3.0      | 8.0      | 0.0             | 0.0      | 3.0      | 8.0      |
|                      | Total       |          | 3        | 10       | 1               | 0        | 4        | 10       |
|                      | Development | Onshore  | 1        | 4        | 0               | 0        | 1        | 4        |
| <b>Drilled Wells</b> |             | Offshore | 1        | 2        | 0               | 0        | 1        | 2        |
|                      | Exploration | Onshore  | 0        | 0        | 1               | 0        | 1        | 0        |
| . <u> </u>           |             | Offshore | 1        | 4        | 0               | 0        | 1        | 4        |
|                      | Total       |          | 2        | 10       | 2               | 0        | 4        | 10       |
| Completed            | Development | Onshore  | 1        | 2        | 0               | 0        | 1        | 2        |
| Completed<br>Wells   |             | Offshore | 1        | 6        | 0               | 0        | 1        | 6        |
|                      | Exploration | Onshore  | 0        | 0        | 2               | 0        | 2        | 0        |
|                      |             | Offshore | 0        | 2        | 0               | 0        | 0        | 2        |

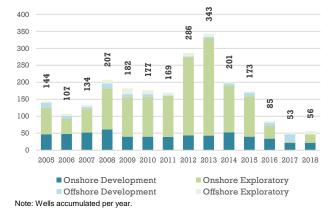
<sup>\1</sup>Average number of drilling rigs calculated from the beginning of the year through the month of reporting.



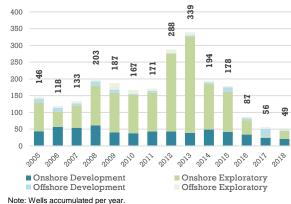


### Note: Annual average of drilling equipment.

### Wells drilled by category<sup>12</sup>



### Wells completed by category<sup>12</sup>



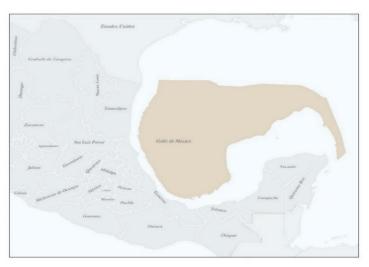
Source: Institutional Database of Petróleos Mexicanos and Comisión Nacional de Hidrocarburos

<sup>\2</sup>Cumulative number of wells from the beginning of the year through the month of reporting.

December 2018

## **Basin: Deepwater Gulf of Mexico**





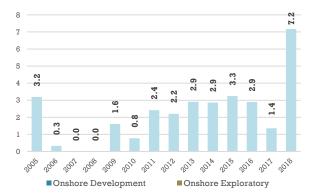
|                      |             |          | Pemex    |          | Other Operators |          | l otal   |          |
|----------------------|-------------|----------|----------|----------|-----------------|----------|----------|----------|
|                      |             |          | DEC/2017 | DEC/2018 | DEC/2017        | DEC/2018 | DEC/2017 | DEC/2018 |
|                      | Total       |          | 1.0      | 3.0      | 0.0             | 1.0      | 1.0      | 4.0      |
|                      | Development | Onshore  | 0.0      | 0.0      | 0.0             | 0.0      | 0.0      | 0.0      |
| <b>Drilling Rigs</b> | Development | Offshore | 0.0      | 0.0      | 0.0             | 0.0      | 0.0      | 0.0      |
|                      | Exploration | Onshore  | 1.0      | 3.0      | 0.0             | 1.0      | 1.0      | 4.0      |
|                      | Exploration | Offshore | 0.0      | 0.0      | 0.0             | 0.0      | 0.0      | 0.0      |
|                      | Total       |          | 2        | 2        | 0               | 0        | 2        | 2        |
|                      | Development | Onshore  | 0        | 0        | 0               | 0        | 0        | 0        |
| <b>Drilled Wells</b> |             | Offshore | 0        | 0        | 0               | 0        | 0        | 0        |
|                      | Exploration | Onshore  | 2        | 2        | 0               | 0        | 2        | 2        |
|                      |             | Offshore | 0        | 0        | 0               | 0        | 0        | 0        |
|                      | Total       |          | 2        | 3        | 0               | 0        | 2        | 3        |
| Commisted            | Development | Onshore  | 0        | 0        | 0               | 0        | 0        | 0        |
| Completed<br>Wells   |             | Offshore | 0        | 0        | 0               | 0        | 0        | 0        |
|                      | Exploration | Onshore  | 2        | 3        | 0               | 0        | 2        | 3        |
|                      |             | Offshore | 0        | 0        | 0               | 0        | 0        | 0        |

<sup>\1</sup>Average number of drilling rigs calculated from the beginning of the year through the month of reporting.

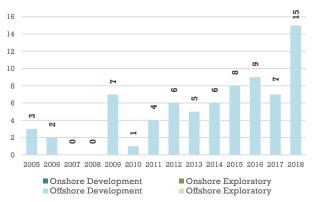
\2Cumulative number of wells from the beginning of the year through the month of reporting.

### Drilling rigs by well category<sup>\1</sup>

Note: Annual average rig count.

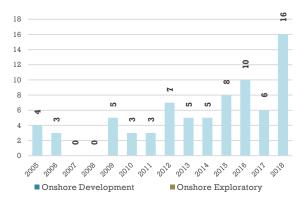


### Wells drilled by category 12



#### Note: Wells accumulated per year.

### Wells completed by category\2



Note: Wells accumulated per year.

Source: Institutional Database of Petróleos Mexicanos and the National Hydrocarbons Commission