

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Metano

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| X | | | | | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 11/08/2019 | CRE 39 KM-100 | 82.5826 |
| 12/08/2019 | CRE 39 KM-100 | 82.9985 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Metano Prom/Hora |
|------------------|------------------|
| 11/08/2019 09:00 | 82.8101 |
| 11/08/2019 10:00 | 82.8074 |
| 11/08/2019 11:00 | 82.8074 |
| 11/08/2019 12:00 | 82.8101 |
| 11/08/2019 13:00 | 82.7016 |
| 11/08/2019 14:00 | 82.7149 |
| 11/08/2019 15:00 | 82.7016 |
| 11/08/2019 16:00 | 82.6849 |
| 11/08/2019 17:00 | 82.6535 |
| 11/08/2019 18:00 | 82.6214 |

| Fecha y Hora | Metano Prom/Hora |
|------------------|------------------|
| 11/08/2019 19:00 | 82.5732 |
| 11/08/2019 20:00 | 82.5447 |
| 11/08/2019 21:00 | 82.5223 |
| 11/08/2019 22:00 | 82.5125 |
| 11/08/2019 23:00 | 82.5067 |
| 12/08/2019 00:00 | 82.4845 |
| 12/08/2019 01:00 | 82.4547 |
| 12/08/2019 02:00 | 82.4431 |
| 12/08/2019 03:00 | 82.4338 |
| 12/08/2019 04:00 | 82.433 |

| Fecha y Hora | Metano Prom/Hora |
|---------------------|-------------------------|
| 12/08/2019 05:00 | 82.4348 |
| 12/08/2019 06:00 | 82.4388 |
| 12/08/2019 07:00 | 82.4421 |
| 12/08/2019 08:00 | 82.4454 |
| 12/08/2019 09:00 | 82.4573 |
| 12/08/2019 10:00 | 82.461 |
| 12/08/2019 11:00 | 82.4852 |
| 12/08/2019 12:00 | 82.5142 |
| 12/08/2019 13:00 | 82.5142 |
| 12/08/2019 14:00 | 82.5398 |
| 12/08/2019 15:00 | 82.6336 |
| 12/08/2019 16:00 | 82.6558 |
| 12/08/2019 17:00 | 82.6385 |
| 12/08/2019 18:00 | 82.7025 |
| 12/08/2019 19:00 | 82.8012 |
| 12/08/2019 20:00 | 82.8544 |
| 12/08/2019 21:00 | 82.8443 |
| 12/08/2019 22:00 | 82.9453 |
| 12/08/2019 23:00 | 83.0786 |
| 13/08/2019 00:00 | 83.1804 |
| 13/08/2019 01:00 | 83.3064 |
| 13/08/2019 02:00 | 83.2879 |
| 13/08/2019 03:00 | 83.3956 |
| 13/08/2019 04:00 | 83.5075 |
| 13/08/2019 05:00 | 83.6132 |
| 13/08/2019 06:00 | 83.8118 |
| 13/08/2019 07:00 | 83.79 |
| 13/08/2019 08:00 | 83.9457 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Metano

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|---|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| X | | | | | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 09/08/2019 | CRE 40 CPG Nuevo Pemex | 82.9709 |
| 10/08/2019 | CRE 40 CPG Nuevo Pemex | 82.7924 |
| 11/08/2019 | CRE 40 CPG Nuevo Pemex | 82.6485 |
| 12/08/2019 | CRE 40 CPG Nuevo Pemex | 82.7735 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Metano Prom/Hora |
|------------------|------------------|
| 09/08/2019 05:00 | 82.4221 |
| 09/08/2019 06:00 | 82.3659 |
| 09/08/2019 07:00 | 82.3169 |
| 09/08/2019 08:00 | 82.3004 |
| 09/08/2019 09:00 | 82.3112 |
| 09/08/2019 10:00 | 82.3437 |
| 09/08/2019 11:00 | 82.3953 |
| 09/08/2019 12:00 | 83.3189 |
| 09/08/2019 13:00 | 83.7062 |
| 09/08/2019 14:00 | 83.7418 |

| Fecha y Hora | Metano Prom/Hora |
|------------------|------------------|
| 09/08/2019 15:00 | 83.9944 |
| 09/08/2019 16:00 | 83.8086 |
| 09/08/2019 17:00 | 83.2777 |
| 09/08/2019 18:00 | 83.1354 |
| 09/08/2019 19:00 | 83.0981 |
| 09/08/2019 20:00 | 83.1052 |
| 09/08/2019 21:00 | 83.0817 |
| 09/08/2019 22:00 | 83.0594 |
| 09/08/2019 23:00 | 83.0182 |
| 10/08/2019 00:00 | 82.9686 |

| Fecha y Hora | Metano Prom/Hora |
|------------------|------------------|
| 10/08/2019 01:00 | 82.9161 |
| 10/08/2019 02:00 | 82.8866 |
| 10/08/2019 03:00 | 82.8708 |
| 10/08/2019 04:00 | 82.8588 |
| 10/08/2019 05:00 | 82.8447 |
| 10/08/2019 06:00 | 82.8275 |
| 10/08/2019 07:00 | 82.8104 |
| 10/08/2019 08:00 | 82.783 |
| 10/08/2019 09:00 | 82.7668 |
| 10/08/2019 10:00 | 82.7473 |
| 10/08/2019 11:00 | 82.7373 |
| 10/08/2019 12:00 | 82.7318 |
| 10/08/2019 13:00 | 82.7309 |
| 10/08/2019 14:00 | 82.7324 |
| 10/08/2019 15:00 | 82.7421 |
| 10/08/2019 16:00 | 82.7474 |
| 10/08/2019 17:00 | 82.7474 |
| 10/08/2019 18:00 | 82.7594 |
| 10/08/2019 19:00 | 82.7822 |
| 10/08/2019 20:00 | 82.7997 |
| 10/08/2019 21:00 | 82.819 |
| 10/08/2019 22:00 | 82.8308 |
| 10/08/2019 23:00 | 82.8419 |
| 11/08/2019 00:00 | 82.844 |
| 11/08/2019 01:00 | 82.8492 |
| 11/08/2019 02:00 | 82.8493 |
| 11/08/2019 03:00 | 82.85 |
| 11/08/2019 04:00 | 82.8443 |
| 11/08/2019 05:00 | 82.8457 |
| 11/08/2019 06:00 | 82.8377 |
| 11/08/2019 07:00 | 82.8387 |
| 11/08/2019 08:00 | 82.8198 |
| 11/08/2019 09:00 | 82.8101 |
| 11/08/2019 10:00 | 82.8074 |
| 11/08/2019 11:00 | 82.8074 |
| 11/08/2019 12:00 | 82.8101 |
| 11/08/2019 13:00 | 82.7016 |
| 11/08/2019 14:00 | 82.7149 |
| 11/08/2019 15:00 | 82.7016 |
| 11/08/2019 16:00 | 82.6849 |
| 11/08/2019 17:00 | 82.6535 |
| 11/08/2019 18:00 | 82.6214 |
| 11/08/2019 19:00 | 82.5732 |
| 11/08/2019 20:00 | 82.5447 |
| 11/08/2019 21:00 | 82.5223 |
| 11/08/2019 22:00 | 82.5125 |
| 11/08/2019 23:00 | 82.5067 |
| 12/08/2019 00:00 | 82.4845 |
| 12/08/2019 01:00 | 82.4547 |
| 12/08/2019 02:00 | 82.4431 |
| 12/08/2019 03:00 | 82.4338 |
| 12/08/2019 04:00 | 82.433 |
| 12/08/2019 05:00 | 82.4348 |
| 12/08/2019 06:00 | 82.4388 |
| 12/08/2019 07:00 | 82.4421 |
| 12/08/2019 08:00 | 82.4454 |
| 12/08/2019 09:00 | 82.4573 |
| 12/08/2019 10:00 | 82.461 |
| 12/08/2019 11:00 | 82.4852 |
| 12/08/2019 12:00 | 82.5142 |

| Fecha y Hora | Metano Prom/Hora |
|------------------|------------------|
| 12/08/2019 13:00 | 82.5142 |
| 12/08/2019 14:00 | 82.5398 |
| 12/08/2019 15:00 | 82.6336 |
| 12/08/2019 16:00 | 82.6558 |
| 12/08/2019 17:00 | 82.6385 |
| 12/08/2019 18:00 | 82.7025 |
| 12/08/2019 19:00 | 82.8012 |
| 12/08/2019 20:00 | 82.8544 |
| 12/08/2019 21:00 | 82.8443 |
| 12/08/2019 22:00 | 82.9453 |
| 12/08/2019 23:00 | 83.0786 |
| 13/08/2019 00:00 | 83.1804 |
| 13/08/2019 01:00 | 83.3064 |
| 13/08/2019 02:00 | 83.2879 |
| 13/08/2019 03:00 | 83.3956 |
| 13/08/2019 04:00 | 83.5075 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Metano

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| X | | | | | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 41 CPG La Venta | 81.0512 |
| 09/08/2019 | CRE 41 CPG La Venta | 80.128 |
| 10/08/2019 | CRE 41 CPG La Venta | 82.6202 |
| 12/08/2019 | CRE 41 CPG La Venta | 81.2522 |
| 13/08/2019 | CRE 41 CPG La Venta | 82.4232 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Nitrógeno

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | X | | | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 35 Troncal 48" | 11.6357 |
| 09/08/2019 | CRE 35 Troncal 48" | 11.6291 |
| 10/08/2019 | CRE 35 Troncal 48" | 11.8483 |
| 11/08/2019 | CRE 35 Troncal 48" | 11.7462 |
| 12/08/2019 | CRE 35 Troncal 48" | 11.5998 |
| 13/08/2019 | CRE 35 Troncal 48" | 10.3239 |
| 14/08/2019 | CRE 35 Troncal 48" | 10.2 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 09:00 | 11.579 |
| 08/08/2019 10:00 | 11.539 |
| 08/08/2019 11:00 | 11.451 |
| 08/08/2019 12:00 | 11.23 |
| 08/08/2019 13:00 | 11.008 |
| 08/08/2019 14:00 | 11.203 |
| 08/08/2019 15:00 | 11.368 |
| 08/08/2019 16:00 | 11.454 |
| 08/08/2019 17:00 | 11.535 |
| 08/08/2019 18:00 | 11.607 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 19:00 | 11.816 |
| 08/08/2019 20:00 | 11.788 |
| 08/08/2019 21:00 | 11.832 |
| 08/08/2019 22:00 | 11.783 |
| 08/08/2019 23:00 | 11.761 |
| 09/08/2019 00:00 | 11.812 |
| 09/08/2019 01:00 | 11.758 |
| 09/08/2019 02:00 | 11.838 |
| 09/08/2019 03:00 | 11.873 |
| 09/08/2019 04:00 | 11.926 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 09/08/2019 05:00 | 11.869 |
| 09/08/2019 06:00 | 11.82 |
| 09/08/2019 07:00 | 11.752 |
| 09/08/2019 08:00 | 11.656 |
| 09/08/2019 09:00 | 12.111 |
| 09/08/2019 10:00 | 12.098 |
| 09/08/2019 11:00 | 12.064 |
| 09/08/2019 12:00 | 11.491 |
| 09/08/2019 13:00 | 11.292 |
| 09/08/2019 14:00 | 11.148 |
| 09/08/2019 15:00 | 10.929 |
| 09/08/2019 16:00 | 11.117 |
| 09/08/2019 17:00 | 11.488 |
| 09/08/2019 18:00 | 11.492 |
| 09/08/2019 19:00 | 11.573 |
| 09/08/2019 20:00 | 11.517 |
| 09/08/2019 21:00 | 11.545 |
| 09/08/2019 22:00 | 11.504 |
| 09/08/2019 23:00 | 11.501 |
| 10/08/2019 00:00 | 11.651 |
| 10/08/2019 01:00 | 11.663 |
| 10/08/2019 02:00 | 11.58 |
| 10/08/2019 03:00 | 11.591 |
| 10/08/2019 04:00 | 11.68 |
| 10/08/2019 05:00 | 12.003 |
| 10/08/2019 06:00 | 11.978 |
| 10/08/2019 07:00 | 12.063 |
| 10/08/2019 08:00 | 12.02 |
| 10/08/2019 09:00 | 11.808 |
| 10/08/2019 10:00 | 11.899 |
| 10/08/2019 11:00 | 11.826 |
| 10/08/2019 12:00 | 11.797 |
| 10/08/2019 13:00 | 11.856 |
| 10/08/2019 14:00 | 11.856 |
| 10/08/2019 15:00 | 11.904 |
| 10/08/2019 16:00 | 11.893 |
| 10/08/2019 17:00 | 11.811 |
| 10/08/2019 18:00 | 11.823 |
| 10/08/2019 19:00 | 11.888 |
| 10/08/2019 20:00 | 11.862 |
| 10/08/2019 21:00 | 11.813 |
| 10/08/2019 22:00 | 11.849 |
| 10/08/2019 23:00 | 11.796 |
| 11/08/2019 00:00 | 11.814 |
| 11/08/2019 01:00 | 11.869 |
| 11/08/2019 02:00 | 11.881 |
| 11/08/2019 03:00 | 11.892 |
| 11/08/2019 04:00 | 11.852 |
| 11/08/2019 05:00 | 11.788 |
| 11/08/2019 06:00 | 11.839 |
| 11/08/2019 07:00 | 11.862 |
| 11/08/2019 08:00 | 11.881 |
| 11/08/2019 09:00 | 11.751 |
| 11/08/2019 10:00 | 11.786 |
| 11/08/2019 11:00 | 11.786 |
| 11/08/2019 12:00 | 11.751 |
| 11/08/2019 13:00 | 11.726 |
| 11/08/2019 14:00 | 11.658 |
| 11/08/2019 15:00 | 11.726 |
| 11/08/2019 16:00 | 11.698 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 11/08/2019 17:00 | 11.748 |
| 11/08/2019 18:00 | 11.774 |
| 11/08/2019 19:00 | 11.697 |
| 11/08/2019 20:00 | 11.74 |
| 11/08/2019 21:00 | 11.815 |
| 11/08/2019 22:00 | 11.748 |
| 11/08/2019 23:00 | 11.746 |
| 12/08/2019 00:00 | 11.828 |
| 12/08/2019 01:00 | 11.778 |
| 12/08/2019 02:00 | 11.808 |
| 12/08/2019 03:00 | 11.809 |
| 12/08/2019 04:00 | 11.752 |
| 12/08/2019 05:00 | 11.696 |
| 12/08/2019 06:00 | 11.724 |
| 12/08/2019 07:00 | 11.684 |
| 12/08/2019 08:00 | 11.68 |
| 12/08/2019 09:00 | 11.823 |
| 12/08/2019 10:00 | 11.792 |
| 12/08/2019 11:00 | 11.846 |
| 12/08/2019 12:00 | 11.831 |
| 12/08/2019 13:00 | 11.831 |
| 12/08/2019 14:00 | 11.789 |
| 12/08/2019 15:00 | 11.696 |
| 12/08/2019 16:00 | 11.708 |
| 12/08/2019 17:00 | 11.676 |
| 12/08/2019 18:00 | 11.667 |
| 12/08/2019 19:00 | 11.626 |
| 12/08/2019 20:00 | 11.508 |
| 12/08/2019 21:00 | 11.56 |
| 12/08/2019 22:00 | 11.533 |
| 12/08/2019 23:00 | 11.386 |
| 13/08/2019 00:00 | 11.369 |
| 13/08/2019 01:00 | 11.311 |
| 13/08/2019 02:00 | 11.153 |
| 13/08/2019 03:00 | 11.123 |
| 13/08/2019 04:00 | 11.005 |
| 13/08/2019 05:00 | 11.782 |
| 13/08/2019 06:00 | 11.823 |
| 13/08/2019 07:00 | 11.776 |
| 13/08/2019 08:00 | 11.782 |
| 13/08/2019 09:00 | 10.659 |
| 13/08/2019 10:00 | 10.477 |
| 13/08/2019 11:00 | 10.438 |
| 13/08/2019 12:00 | 10.332 |
| 13/08/2019 13:00 | 10.316 |
| 13/08/2019 14:00 | 10.204 |
| 13/08/2019 15:00 | 10.211 |
| 13/08/2019 16:00 | 10.276 |
| 13/08/2019 17:00 | 10.141 |
| 13/08/2019 18:00 | 10.046 |
| 13/08/2019 19:00 | 10.116 |
| 13/08/2019 20:00 | 10.005 |
| 13/08/2019 21:00 | 9.924 |
| 13/08/2019 22:00 | 10.008 |
| 13/08/2019 23:00 | 10.049 |
| 14/08/2019 00:00 | 10.184 |
| 14/08/2019 01:00 | 10.363 |
| 14/08/2019 02:00 | 10.235 |
| 14/08/2019 03:00 | 10.225 |
| 14/08/2019 04:00 | 10.228 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|---------------------|----------------------------|
| 14/08/2019 05:00 | 10.995 |
| 14/08/2019 06:00 | 10.825 |
| 14/08/2019 07:00 | 10.797 |
| 14/08/2019 08:00 | 10.719 |
| 14/08/2019 09:00 | 9.799 |
| 14/08/2019 10:00 | 9.879 |
| 14/08/2019 11:00 | 10.002 |
| 14/08/2019 12:00 | 10.011 |
| 14/08/2019 13:00 | 10.073 |
| 14/08/2019 14:00 | 10.335 |
| 14/08/2019 15:00 | 10.261 |
| 14/08/2019 16:00 | 10.297 |
| 14/08/2019 17:00 | 10.274 |
| 14/08/2019 18:00 | 10.272 |
| 14/08/2019 19:00 | 10.279 |
| 14/08/2019 20:00 | 10.302 |
| 14/08/2019 21:00 | 10.311 |
| 14/08/2019 22:00 | 10.318 |
| 14/08/2019 23:00 | 10.427 |
| 15/08/2019 00:00 | 10.478 |
| 15/08/2019 01:00 | 10.362 |
| 15/08/2019 02:00 | 10.438 |
| 15/08/2019 03:00 | 10.387 |
| 15/08/2019 04:00 | 10.474 |
| 15/08/2019 05:00 | 10.149 |
| 15/08/2019 06:00 | 10.013 |
| 15/08/2019 07:00 | 9.938 |
| 15/08/2019 08:00 | 9.721 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Nitrógeno

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | X | | | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 38 CPG Cactus | 8.9595 |
| 09/08/2019 | CRE 38 CPG Cactus | 8.8857 |
| 10/08/2019 | CRE 38 CPG Cactus | 8.8863 |
| 11/08/2019 | CRE 38 CPG Cactus | 8.5392 |
| 12/08/2019 | CRE 38 CPG Cactus | 8.592 |
| 13/08/2019 | CRE 38 CPG Cactus | 8.3372 |
| 14/08/2019 | CRE 38 CPG Cactus | 8.7572 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 05:00 | 8.8825 |
| 08/08/2019 06:00 | 8.9043 |
| 08/08/2019 07:00 | 8.8992 |
| 08/08/2019 08:00 | 8.8375 |
| 08/08/2019 09:00 | 8.8338 |
| 08/08/2019 10:00 | 8.9878 |
| 08/08/2019 11:00 | 8.9926 |
| 08/08/2019 12:00 | 8.7062 |
| 08/08/2019 13:00 | 8.7883 |
| 08/08/2019 14:00 | 8.8434 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 15:00 | 9.0319 |
| 08/08/2019 16:00 | 9.1346 |
| 08/08/2019 17:00 | 9.0846 |
| 08/08/2019 18:00 | 8.966 |
| 08/08/2019 19:00 | 9.3006 |
| 08/08/2019 20:00 | 9.0892 |
| 08/08/2019 21:00 | 9.2154 |
| 08/08/2019 22:00 | 9.0901 |
| 08/08/2019 23:00 | 9.0267 |
| 09/08/2019 00:00 | 9.1473 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 09/08/2019 01:00 | 8.8137 |
| 09/08/2019 02:00 | 8.8713 |
| 09/08/2019 03:00 | 8.7787 |
| 09/08/2019 04:00 | 8.8021 |
| 09/08/2019 05:00 | 8.9423 |
| 09/08/2019 06:00 | 8.718 |
| 09/08/2019 07:00 | 8.8734 |
| 09/08/2019 08:00 | 8.665 |
| 09/08/2019 09:00 | 8.9729 |
| 09/08/2019 10:00 | 8.965 |
| 09/08/2019 11:00 | 8.9063 |
| 09/08/2019 12:00 | 9.025 |
| 09/08/2019 13:00 | 8.7944 |
| 09/08/2019 14:00 | 8.9228 |
| 09/08/2019 15:00 | 8.9652 |
| 09/08/2019 16:00 | 8.9846 |
| 09/08/2019 17:00 | 8.881 |
| 09/08/2019 18:00 | 8.7499 |
| 09/08/2019 19:00 | 9.0088 |
| 09/08/2019 20:00 | 8.8944 |
| 09/08/2019 21:00 | 8.9538 |
| 09/08/2019 22:00 | 8.7421 |
| 09/08/2019 23:00 | 8.6427 |
| 10/08/2019 00:00 | 9.0644 |
| 10/08/2019 01:00 | 9.0117 |
| 10/08/2019 02:00 | 8.7217 |
| 10/08/2019 03:00 | 8.764 |
| 10/08/2019 04:00 | 9.0876 |
| 10/08/2019 05:00 | 8.9489 |
| 10/08/2019 06:00 | 9.061 |
| 10/08/2019 07:00 | 9.1443 |
| 10/08/2019 08:00 | 9.1583 |
| 10/08/2019 09:00 | 8.891 |
| 10/08/2019 10:00 | 9.198 |
| 10/08/2019 11:00 | 8.9512 |
| 10/08/2019 12:00 | 8.8508 |
| 10/08/2019 13:00 | 8.9462 |
| 10/08/2019 14:00 | 8.9634 |
| 10/08/2019 15:00 | 9.1102 |
| 10/08/2019 16:00 | 9.0631 |
| 10/08/2019 17:00 | 8.7652 |
| 10/08/2019 18:00 | 8.7845 |
| 10/08/2019 19:00 | 8.9647 |
| 10/08/2019 20:00 | 8.8485 |
| 10/08/2019 21:00 | 8.6605 |
| 10/08/2019 22:00 | 8.7639 |
| 10/08/2019 23:00 | 8.5852 |
| 11/08/2019 00:00 | 8.6057 |
| 11/08/2019 01:00 | 8.7774 |
| 11/08/2019 02:00 | 8.7799 |
| 11/08/2019 03:00 | 8.799 |
| 11/08/2019 04:00 | 8.6505 |
| 11/08/2019 05:00 | 8.6359 |
| 11/08/2019 06:00 | 8.6707 |
| 11/08/2019 07:00 | 8.5368 |
| 11/08/2019 08:00 | 8.4718 |
| 11/08/2019 09:00 | 8.6958 |
| 11/08/2019 10:00 | 8.8148 |
| 11/08/2019 11:00 | 8.8148 |
| 11/08/2019 12:00 | 8.6958 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 11/08/2019 13:00 | 8.5047 |
| 11/08/2019 14:00 | 8.2905 |
| 11/08/2019 15:00 | 8.5047 |
| 11/08/2019 16:00 | 8.4002 |
| 11/08/2019 17:00 | 8.5525 |
| 11/08/2019 18:00 | 8.618 |
| 11/08/2019 19:00 | 8.3164 |
| 11/08/2019 20:00 | 8.4338 |
| 11/08/2019 21:00 | 8.6692 |
| 11/08/2019 22:00 | 8.42 |
| 11/08/2019 23:00 | 8.4169 |
| 12/08/2019 00:00 | 8.6524 |
| 12/08/2019 01:00 | 8.4684 |
| 12/08/2019 02:00 | 8.5311 |
| 12/08/2019 03:00 | 8.5159 |
| 12/08/2019 04:00 | 8.3087 |
| 12/08/2019 05:00 | 8.411 |
| 12/08/2019 06:00 | 8.5621 |
| 12/08/2019 07:00 | 8.3993 |
| 12/08/2019 08:00 | 8.4275 |
| 12/08/2019 09:00 | 8.6033 |
| 12/08/2019 10:00 | 8.5036 |
| 12/08/2019 11:00 | 8.6981 |
| 12/08/2019 12:00 | 8.6491 |
| 12/08/2019 13:00 | 8.6491 |
| 12/08/2019 14:00 | 8.6577 |
| 12/08/2019 15:00 | 8.6078 |
| 12/08/2019 16:00 | 8.6938 |
| 12/08/2019 17:00 | 8.5328 |
| 12/08/2019 18:00 | 8.6638 |
| 12/08/2019 19:00 | 8.7606 |
| 12/08/2019 20:00 | 8.4897 |
| 12/08/2019 21:00 | 8.6238 |
| 12/08/2019 22:00 | 8.775 |
| 12/08/2019 23:00 | 8.6069 |
| 13/08/2019 00:00 | 8.7999 |
| 13/08/2019 01:00 | 8.9224 |
| 13/08/2019 02:00 | 8.3254 |
| 13/08/2019 03:00 | 8.4862 |
| 13/08/2019 04:00 | 8.3583 |
| 13/08/2019 05:00 | 8.5842 |
| 13/08/2019 06:00 | 8.5257 |
| 13/08/2019 07:00 | 8.3366 |
| 13/08/2019 08:00 | 8.4783 |
| 13/08/2019 09:00 | 8.3674 |
| 13/08/2019 10:00 | 8.1916 |
| 13/08/2019 11:00 | 8.2076 |
| 13/08/2019 12:00 | 8.1503 |
| 13/08/2019 13:00 | 8.1175 |
| 13/08/2019 14:00 | 8.1629 |
| 13/08/2019 15:00 | 8.0798 |
| 13/08/2019 16:00 | 8.3293 |
| 13/08/2019 17:00 | 8.1308 |
| 13/08/2019 18:00 | 8.1 |
| 13/08/2019 19:00 | 8.5104 |
| 13/08/2019 20:00 | 8.1948 |
| 13/08/2019 21:00 | 8.0248 |
| 13/08/2019 22:00 | 8.3031 |
| 13/08/2019 23:00 | 8.1408 |
| 14/08/2019 00:00 | 8.3939 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|---------------------|----------------------------|
| 14/08/2019 01:00 | 8.8528 |
| 14/08/2019 02:00 | 8.6839 |
| 14/08/2019 03:00 | 8.5177 |
| 14/08/2019 04:00 | 8.7085 |
| 14/08/2019 05:00 | 8.7355 |
| 14/08/2019 06:00 | 8.5921 |
| 14/08/2019 07:00 | 8.6774 |
| 14/08/2019 08:00 | 8.5524 |
| 14/08/2019 09:00 | 8.6411 |
| 14/08/2019 10:00 | 8.2417 |
| 14/08/2019 11:00 | 8.4969 |
| 14/08/2019 12:00 | 8.5261 |
| 14/08/2019 13:00 | 8.5265 |
| 14/08/2019 14:00 | 8.7297 |
| 14/08/2019 15:00 | 8.5462 |
| 14/08/2019 16:00 | 8.6452 |
| 14/08/2019 17:00 | 8.6015 |
| 14/08/2019 18:00 | 8.6517 |
| 14/08/2019 19:00 | 8.758 |
| 14/08/2019 20:00 | 8.6881 |
| 14/08/2019 21:00 | 8.8558 |
| 14/08/2019 22:00 | 8.8599 |
| 14/08/2019 23:00 | 9.0819 |
| 15/08/2019 00:00 | 9.2549 |
| 15/08/2019 01:00 | 9.0584 |
| 15/08/2019 02:00 | 9.1055 |
| 15/08/2019 03:00 | 9.0895 |
| 15/08/2019 04:00 | 9.2571 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Nitrógeno

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | X | | | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 39 KM-100 | 12.0534 |
| 09/08/2019 | CRE 39 KM-100 | 12.6722 |
| 10/08/2019 | CRE 39 KM-100 | 12.1529 |
| 11/08/2019 | CRE 39 KM-100 | 13.1128 |
| 12/08/2019 | CRE 39 KM-100 | 12.6239 |
| 13/08/2019 | CRE 39 KM-100 | 10.9327 |
| 14/08/2019 | CRE 39 KM-100 | 10.885 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 09:00 | 12.7214 |
| 08/08/2019 10:00 | 12.6012 |
| 08/08/2019 11:00 | 12.4742 |
| 08/08/2019 12:00 | 12.281 |
| 08/08/2019 13:00 | 11.9319 |
| 08/08/2019 14:00 | 12.1847 |
| 08/08/2019 15:00 | 12.3405 |
| 08/08/2019 16:00 | 12.4202 |
| 08/08/2019 17:00 | 12.5558 |
| 08/08/2019 18:00 | 12.7066 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 19:00 | 12.8632 |
| 08/08/2019 20:00 | 12.9123 |
| 08/08/2019 21:00 | 12.921 |
| 08/08/2019 22:00 | 12.9041 |
| 08/08/2019 23:00 | 12.8998 |
| 09/08/2019 00:00 | 12.9219 |
| 09/08/2019 01:00 | 12.9833 |
| 09/08/2019 02:00 | 13.0725 |
| 09/08/2019 03:00 | 13.1611 |
| 09/08/2019 04:00 | 13.2265 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 09/08/2019 05:00 | 8.9423 |
| 09/08/2019 06:00 | 8.718 |
| 09/08/2019 07:00 | 8.8734 |
| 09/08/2019 08:00 | 8.665 |
| 09/08/2019 09:00 | 13.418 |
| 09/08/2019 10:00 | 13.4029 |
| 09/08/2019 11:00 | 13.3781 |
| 09/08/2019 12:00 | 12.5178 |
| 09/08/2019 13:00 | 12.3318 |
| 09/08/2019 14:00 | 12.0747 |
| 09/08/2019 15:00 | 11.7467 |
| 09/08/2019 16:00 | 12.0047 |
| 09/08/2019 17:00 | 12.5737 |
| 09/08/2019 18:00 | 12.6333 |
| 09/08/2019 19:00 | 12.6411 |
| 09/08/2019 20:00 | 12.6083 |
| 09/08/2019 21:00 | 12.6239 |
| 09/08/2019 22:00 | 12.6534 |
| 09/08/2019 23:00 | 12.6904 |
| 10/08/2019 00:00 | 12.728 |
| 10/08/2019 01:00 | 12.7664 |
| 10/08/2019 02:00 | 12.7695 |
| 10/08/2019 03:00 | 12.7682 |
| 10/08/2019 04:00 | 12.7599 |
| 10/08/2019 05:00 | 12.7529 |
| 10/08/2019 06:00 | 12.7568 |
| 10/08/2019 07:00 | 12.7593 |
| 10/08/2019 08:00 | 12.7739 |
| 10/08/2019 09:00 | 12.784 |
| 10/08/2019 10:00 | 12.7975 |
| 10/08/2019 11:00 | 12.8109 |
| 10/08/2019 12:00 | 12.8211 |
| 10/08/2019 13:00 | 12.831 |
| 10/08/2019 14:00 | 12.8391 |
| 10/08/2019 15:00 | 12.8448 |
| 10/08/2019 16:00 | 12.8471 |
| 10/08/2019 17:00 | 12.8478 |
| 10/08/2019 18:00 | 12.8487 |
| 10/08/2019 19:00 | 12.8617 |
| 10/08/2019 20:00 | 12.8703 |
| 10/08/2019 21:00 | 12.873 |
| 10/08/2019 22:00 | 12.8859 |
| 10/08/2019 23:00 | 12.8926 |
| 11/08/2019 00:00 | 12.9133 |
| 11/08/2019 01:00 | 12.9254 |
| 11/08/2019 02:00 | 12.9406 |
| 11/08/2019 03:00 | 12.9517 |
| 11/08/2019 04:00 | 12.9678 |
| 11/08/2019 05:00 | 8.6359 |
| 11/08/2019 06:00 | 8.6707 |
| 11/08/2019 07:00 | 8.5368 |
| 11/08/2019 08:00 | 8.4718 |
| 11/08/2019 09:00 | 13.0229 |
| 11/08/2019 10:00 | 13.0232 |
| 11/08/2019 11:00 | 13.0232 |
| 11/08/2019 12:00 | 13.0229 |
| 11/08/2019 13:00 | 13.067 |
| 11/08/2019 14:00 | 13.0598 |
| 11/08/2019 15:00 | 13.067 |
| 11/08/2019 16:00 | 13.0709 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 11/08/2019 17:00 | 13.0789 |
| 11/08/2019 18:00 | 13.0875 |
| 11/08/2019 19:00 | 13.1045 |
| 11/08/2019 20:00 | 13.1168 |
| 11/08/2019 21:00 | 13.1254 |
| 11/08/2019 22:00 | 13.1333 |
| 11/08/2019 23:00 | 13.1326 |
| 12/08/2019 00:00 | 13.1501 |
| 12/08/2019 01:00 | 13.1555 |
| 12/08/2019 02:00 | 13.1721 |
| 12/08/2019 03:00 | 13.1804 |
| 12/08/2019 04:00 | 13.1853 |
| 12/08/2019 05:00 | 13.1856 |
| 12/08/2019 06:00 | 13.1812 |
| 12/08/2019 07:00 | 13.1821 |
| 12/08/2019 08:00 | 13.1784 |
| 12/08/2019 09:00 | 13.1634 |
| 12/08/2019 10:00 | 13.1609 |
| 12/08/2019 11:00 | 13.1562 |
| 12/08/2019 12:00 | 13.155 |
| 12/08/2019 13:00 | 13.155 |
| 12/08/2019 14:00 | 13.0922 |
| 12/08/2019 15:00 | 12.9813 |
| 12/08/2019 16:00 | 12.9629 |
| 12/08/2019 17:00 | 12.9843 |
| 12/08/2019 18:00 | 12.9168 |
| 12/08/2019 19:00 | 12.8194 |
| 12/08/2019 20:00 | 12.7649 |
| 12/08/2019 21:00 | 12.7817 |
| 12/08/2019 22:00 | 12.6806 |
| 12/08/2019 23:00 | 12.543 |
| 13/08/2019 00:00 | 12.4379 |
| 13/08/2019 01:00 | 12.3058 |
| 13/08/2019 02:00 | 12.3307 |
| 13/08/2019 03:00 | 12.2204 |
| 13/08/2019 04:00 | 12.107 |
| 13/08/2019 05:00 | 11.999 |
| 13/08/2019 06:00 | 11.7826 |
| 13/08/2019 07:00 | 11.8211 |
| 13/08/2019 08:00 | 11.6523 |
| 13/08/2019 09:00 | 11.6136 |
| 13/08/2019 10:00 | 11.4285 |
| 13/08/2019 11:00 | 11.3672 |
| 13/08/2019 12:00 | 11.2408 |
| 13/08/2019 13:00 | 11.2307 |
| 13/08/2019 14:00 | 11.0543 |
| 13/08/2019 15:00 | 11.0987 |
| 13/08/2019 16:00 | 11.0859 |
| 13/08/2019 17:00 | 10.9774 |
| 13/08/2019 18:00 | 10.8556 |
| 13/08/2019 19:00 | 10.7849 |
| 13/08/2019 20:00 | 10.7585 |
| 13/08/2019 21:00 | 10.715 |
| 13/08/2019 22:00 | 10.7183 |
| 13/08/2019 23:00 | 10.8432 |
| 14/08/2019 00:00 | 10.9298 |
| 14/08/2019 01:00 | 10.9919 |
| 14/08/2019 02:00 | 10.881 |
| 14/08/2019 03:00 | 10.9356 |
| 14/08/2019 04:00 | 10.8608 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|---------------------|----------------------------|
| 14/08/2019 05:00 | 10.7375 |
| 14/08/2019 06:00 | 10.6039 |
| 14/08/2019 07:00 | 10.4631 |
| 14/08/2019 08:00 | 10.2081 |
| 14/08/2019 09:00 | 10.2816 |
| 14/08/2019 10:00 | 10.56 |
| 14/08/2019 11:00 | 10.628 |
| 14/08/2019 12:00 | 10.6296 |
| 14/08/2019 13:00 | 10.717 |
| 14/08/2019 14:00 | 11.0031 |
| 14/08/2019 15:00 | 10.9746 |
| 14/08/2019 16:00 | 10.9843 |
| 14/08/2019 17:00 | 10.9696 |
| 14/08/2019 18:00 | 10.9472 |
| 14/08/2019 19:00 | 10.9119 |
| 14/08/2019 20:00 | 10.9735 |
| 14/08/2019 21:00 | 10.9168 |
| 14/08/2019 22:00 | 10.9249 |
| 14/08/2019 23:00 | 10.9867 |
| 15/08/2019 00:00 | 10.9876 |
| 15/08/2019 01:00 | 10.9054 |
| 15/08/2019 02:00 | 10.9928 |
| 15/08/2019 03:00 | 10.9273 |
| 15/08/2019 04:00 | 10.9814 |
| 15/08/2019 05:00 | 10.9912 |
| 15/08/2019 06:00 | 10.9667 |
| 15/08/2019 07:00 | 11.028 |
| 15/08/2019 08:00 | 11.0509 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Nitrógeno

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|--|---|---|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | X | | | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 40 CPG Nuevo Pemex | 12.75 |
| 09/08/2019 | CRE 40 CPG Nuevo Pemex | 12.7713 |
| 10/08/2019 | CRE 40 CPG Nuevo Pemex | 12.8499 |
| 11/08/2019 | CRE 40 CPG Nuevo Pemex | 13.0814 |
| 12/08/2019 | CRE 40 CPG Nuevo Pemex | 12.852 |
| 13/08/2019 | CRE 40 CPG Nuevo Pemex | 11.1511 |
| 14/08/2019 | CRE 40 CPG Nuevo Pemex | 10.8007 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 05:00 | 13.1131 |
| 08/08/2019 06:00 | 13.034 |
| 08/08/2019 07:00 | 12.9397 |
| 08/08/2019 08:00 | 12.8293 |
| 08/08/2019 09:00 | 12.7214 |
| 08/08/2019 10:00 | 12.6012 |
| 08/08/2019 11:00 | 12.4742 |
| 08/08/2019 12:00 | 12.281 |
| 08/08/2019 13:00 | 11.9319 |
| 08/08/2019 14:00 | 12.1847 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 08/08/2019 15:00 | 12.3405 |
| 08/08/2019 16:00 | 12.4202 |
| 08/08/2019 17:00 | 12.5558 |
| 08/08/2019 18:00 | 12.7066 |
| 08/08/2019 19:00 | 12.8632 |
| 08/08/2019 20:00 | 12.9123 |
| 08/08/2019 21:00 | 12.921 |
| 08/08/2019 22:00 | 12.9041 |
| 08/08/2019 23:00 | 12.8998 |
| 09/08/2019 00:00 | 12.9219 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 09/08/2019 01:00 | 12.9833 |
| 09/08/2019 02:00 | 13.0725 |
| 09/08/2019 03:00 | 13.1611 |
| 09/08/2019 04:00 | 13.2265 |
| 09/08/2019 05:00 | 13.2772 |
| 09/08/2019 06:00 | 13.3353 |
| 09/08/2019 07:00 | 13.3912 |
| 09/08/2019 08:00 | 13.4169 |
| 09/08/2019 09:00 | 13.418 |
| 09/08/2019 10:00 | 13.4029 |
| 09/08/2019 11:00 | 13.3781 |
| 09/08/2019 12:00 | 12.5178 |
| 09/08/2019 13:00 | 12.3318 |
| 09/08/2019 14:00 | 12.0747 |
| 09/08/2019 15:00 | 11.7467 |
| 09/08/2019 16:00 | 12.0047 |
| 09/08/2019 17:00 | 12.5737 |
| 09/08/2019 18:00 | 12.6333 |
| 09/08/2019 19:00 | 12.6411 |
| 09/08/2019 20:00 | 12.6083 |
| 09/08/2019 21:00 | 12.6239 |
| 09/08/2019 22:00 | 12.6534 |
| 09/08/2019 23:00 | 12.6904 |
| 10/08/2019 00:00 | 12.728 |
| 10/08/2019 01:00 | 12.7664 |
| 10/08/2019 02:00 | 12.7695 |
| 10/08/2019 03:00 | 12.7682 |
| 10/08/2019 04:00 | 12.7599 |
| 10/08/2019 05:00 | 12.7529 |
| 10/08/2019 06:00 | 12.7568 |
| 10/08/2019 07:00 | 12.7593 |
| 10/08/2019 08:00 | 12.7739 |
| 10/08/2019 09:00 | 12.784 |
| 10/08/2019 10:00 | 12.7975 |
| 10/08/2019 11:00 | 12.8109 |
| 10/08/2019 12:00 | 12.8211 |
| 10/08/2019 13:00 | 12.831 |
| 10/08/2019 14:00 | 12.8391 |
| 10/08/2019 15:00 | 12.8448 |
| 10/08/2019 16:00 | 12.8471 |
| 10/08/2019 17:00 | 12.8478 |
| 10/08/2019 18:00 | 12.8487 |
| 10/08/2019 19:00 | 12.8617 |
| 10/08/2019 20:00 | 12.8703 |
| 10/08/2019 21:00 | 12.873 |
| 10/08/2019 22:00 | 12.8859 |
| 10/08/2019 23:00 | 12.8926 |
| 11/08/2019 00:00 | 12.9133 |
| 11/08/2019 01:00 | 12.9254 |
| 11/08/2019 02:00 | 12.9406 |
| 11/08/2019 03:00 | 12.9517 |
| 11/08/2019 04:00 | 12.9678 |
| 11/08/2019 05:00 | 12.9706 |
| 11/08/2019 06:00 | 12.9953 |
| 11/08/2019 07:00 | 12.9936 |
| 11/08/2019 08:00 | 13.0151 |
| 11/08/2019 09:00 | 13.0229 |
| 11/08/2019 10:00 | 13.0232 |
| 11/08/2019 11:00 | 13.0232 |
| 11/08/2019 12:00 | 13.0229 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|------------------|---------------------|
| 11/08/2019 13:00 | 13.067 |
| 11/08/2019 14:00 | 13.0598 |
| 11/08/2019 15:00 | 13.067 |
| 11/08/2019 16:00 | 13.0709 |
| 11/08/2019 17:00 | 13.0789 |
| 11/08/2019 18:00 | 13.0875 |
| 11/08/2019 19:00 | 13.1045 |
| 11/08/2019 20:00 | 13.1168 |
| 11/08/2019 21:00 | 13.1254 |
| 11/08/2019 22:00 | 13.1333 |
| 11/08/2019 23:00 | 13.1326 |
| 12/08/2019 00:00 | 13.1501 |
| 12/08/2019 01:00 | 13.1555 |
| 12/08/2019 02:00 | 13.1721 |
| 12/08/2019 03:00 | 13.1804 |
| 12/08/2019 04:00 | 13.1853 |
| 12/08/2019 05:00 | 13.1856 |
| 12/08/2019 06:00 | 13.1812 |
| 12/08/2019 07:00 | 13.1821 |
| 12/08/2019 08:00 | 13.1784 |
| 12/08/2019 09:00 | 13.1634 |
| 12/08/2019 10:00 | 13.1609 |
| 12/08/2019 11:00 | 13.1562 |
| 12/08/2019 12:00 | 13.155 |
| 12/08/2019 13:00 | 13.155 |
| 12/08/2019 14:00 | 13.0922 |
| 12/08/2019 15:00 | 12.9813 |
| 12/08/2019 16:00 | 12.9629 |
| 12/08/2019 17:00 | 12.9843 |
| 12/08/2019 18:00 | 12.9168 |
| 12/08/2019 19:00 | 12.8194 |
| 12/08/2019 20:00 | 12.7649 |
| 12/08/2019 21:00 | 12.7817 |
| 12/08/2019 22:00 | 12.6806 |
| 12/08/2019 23:00 | 12.543 |
| 13/08/2019 00:00 | 12.4379 |
| 13/08/2019 01:00 | 12.3058 |
| 13/08/2019 02:00 | 12.3307 |
| 13/08/2019 03:00 | 12.2204 |
| 13/08/2019 04:00 | 12.107 |
| 13/08/2019 05:00 | 11.999 |
| 13/08/2019 06:00 | 11.7826 |
| 13/08/2019 07:00 | 11.8211 |
| 13/08/2019 08:00 | 11.6523 |
| 13/08/2019 09:00 | 11.6136 |
| 13/08/2019 10:00 | 11.4285 |
| 13/08/2019 11:00 | 11.3672 |
| 13/08/2019 12:00 | 11.2408 |
| 13/08/2019 13:00 | 11.2307 |
| 13/08/2019 14:00 | 11.0543 |
| 13/08/2019 15:00 | 11.0987 |
| 13/08/2019 16:00 | 11.0859 |
| 13/08/2019 17:00 | 10.9774 |
| 13/08/2019 18:00 | 10.8556 |
| 13/08/2019 19:00 | 10.7849 |
| 13/08/2019 20:00 | 10.7585 |
| 13/08/2019 21:00 | 10.715 |
| 13/08/2019 22:00 | 10.7183 |
| 13/08/2019 23:00 | 10.8432 |
| 14/08/2019 00:00 | 10.9298 |

| Fecha y Hora | Nitrógeno Prom/Hora |
|---------------------|----------------------------|
| 14/08/2019 01:00 | 10.9919 |
| 14/08/2019 02:00 | 10.881 |
| 14/08/2019 03:00 | 10.9356 |
| 14/08/2019 04:00 | 10.8608 |
| 14/08/2019 05:00 | 10.7375 |
| 14/08/2019 06:00 | 10.6039 |
| 14/08/2019 07:00 | 10.4631 |
| 14/08/2019 08:00 | 10.2081 |
| 14/08/2019 09:00 | 10.2816 |
| 14/08/2019 10:00 | 10.56 |
| 14/08/2019 11:00 | 10.628 |
| 14/08/2019 12:00 | 10.6296 |
| 14/08/2019 13:00 | 10.717 |
| 14/08/2019 14:00 | 11.0031 |
| 14/08/2019 15:00 | 10.9746 |
| 14/08/2019 16:00 | 10.9843 |
| 14/08/2019 17:00 | 10.9696 |
| 14/08/2019 18:00 | 10.9472 |
| 14/08/2019 19:00 | 10.9119 |
| 14/08/2019 20:00 | 10.9735 |
| 14/08/2019 21:00 | 10.9168 |
| 14/08/2019 22:00 | 10.9249 |
| 14/08/2019 23:00 | 10.9867 |
| 15/08/2019 00:00 | 10.9876 |
| 15/08/2019 01:00 | 10.9054 |
| 15/08/2019 02:00 | 10.9928 |
| 15/08/2019 03:00 | 10.9273 |
| 15/08/2019 04:00 | 10.9814 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Total de inertes

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | X | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 35 Troncal 48" | 11.6369 |
| 09/08/2019 | CRE 35 Troncal 48" | 11.6308 |
| 10/08/2019 | CRE 35 Troncal 48" | 11.8502 |
| 11/08/2019 | CRE 35 Troncal 48" | 11.7482 |
| 12/08/2019 | CRE 35 Troncal 48" | 11.602 |
| 13/08/2019 | CRE 35 Troncal 48" | 10.331 |
| 14/08/2019 | CRE 35 Troncal 48" | 10.2037 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 09:00 | 11.58 |
| 08/08/2019 10:00 | 11.539 |
| 08/08/2019 11:00 | 11.451 |
| 08/08/2019 12:00 | 11.23 |
| 08/08/2019 13:00 | 11.008 |
| 08/08/2019 14:00 | 11.204 |
| 08/08/2019 15:00 | 11.369 |
| 08/08/2019 16:00 | 11.455 |
| 08/08/2019 17:00 | 11.536 |
| 08/08/2019 18:00 | 11.609 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 19:00 | 11.818 |
| 08/08/2019 20:00 | 11.79 |
| 08/08/2019 21:00 | 11.834 |
| 08/08/2019 22:00 | 11.786 |
| 08/08/2019 23:00 | 11.763 |
| 09/08/2019 00:00 | 11.814 |
| 09/08/2019 01:00 | 11.76 |
| 09/08/2019 02:00 | 11.84 |
| 09/08/2019 03:00 | 11.875 |
| 09/08/2019 04:00 | 11.928 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 05:00 | 11.869 |
| 09/08/2019 06:00 | 11.82 |
| 09/08/2019 07:00 | 11.752 |
| 09/08/2019 08:00 | 11.656 |
| 09/08/2019 09:00 | 12.112 |
| 09/08/2019 10:00 | 12.1 |
| 09/08/2019 11:00 | 12.065 |
| 09/08/2019 12:00 | 11.493 |
| 09/08/2019 13:00 | 11.292 |
| 09/08/2019 14:00 | 11.149 |
| 09/08/2019 15:00 | 10.932 |
| 09/08/2019 16:00 | 11.119 |
| 09/08/2019 17:00 | 11.488 |
| 09/08/2019 18:00 | 11.493 |
| 09/08/2019 19:00 | 11.574 |
| 09/08/2019 20:00 | 11.519 |
| 09/08/2019 21:00 | 11.547 |
| 09/08/2019 22:00 | 11.506 |
| 09/08/2019 23:00 | 11.503 |
| 10/08/2019 00:00 | 11.653 |
| 10/08/2019 01:00 | 11.665 |
| 10/08/2019 02:00 | 11.582 |
| 10/08/2019 03:00 | 11.593 |
| 10/08/2019 04:00 | 11.682 |
| 10/08/2019 05:00 | 12.005 |
| 10/08/2019 06:00 | 11.98 |
| 10/08/2019 07:00 | 12.065 |
| 10/08/2019 08:00 | 12.022 |
| 10/08/2019 09:00 | 11.81 |
| 10/08/2019 10:00 | 11.901 |
| 10/08/2019 11:00 | 11.828 |
| 10/08/2019 12:00 | 11.799 |
| 10/08/2019 13:00 | 11.858 |
| 10/08/2019 14:00 | 11.858 |
| 10/08/2019 15:00 | 11.906 |
| 10/08/2019 16:00 | 11.895 |
| 10/08/2019 17:00 | 11.813 |
| 10/08/2019 18:00 | 11.825 |
| 10/08/2019 19:00 | 11.89 |
| 10/08/2019 20:00 | 11.864 |
| 10/08/2019 21:00 | 11.815 |
| 10/08/2019 22:00 | 11.85 |
| 10/08/2019 23:00 | 11.798 |
| 11/08/2019 00:00 | 11.816 |
| 11/08/2019 01:00 | 11.871 |
| 11/08/2019 02:00 | 11.883 |
| 11/08/2019 03:00 | 11.894 |
| 11/08/2019 04:00 | 11.853 |
| 11/08/2019 05:00 | 11.79 |
| 11/08/2019 06:00 | 11.841 |
| 11/08/2019 07:00 | 11.865 |
| 11/08/2019 08:00 | 11.883 |
| 11/08/2019 09:00 | 11.753 |
| 11/08/2019 10:00 | 11.788 |
| 11/08/2019 11:00 | 11.788 |
| 11/08/2019 12:00 | 11.753 |
| 11/08/2019 13:00 | 11.728 |
| 11/08/2019 14:00 | 11.66 |
| 11/08/2019 15:00 | 11.728 |
| 11/08/2019 16:00 | 11.7 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 17:00 | 11.75 |
| 11/08/2019 18:00 | 11.776 |
| 11/08/2019 19:00 | 11.699 |
| 11/08/2019 20:00 | 11.742 |
| 11/08/2019 21:00 | 11.817 |
| 11/08/2019 22:00 | 11.749 |
| 11/08/2019 23:00 | 11.748 |
| 12/08/2019 00:00 | 11.83 |
| 12/08/2019 01:00 | 11.78 |
| 12/08/2019 02:00 | 11.81 |
| 12/08/2019 03:00 | 11.811 |
| 12/08/2019 04:00 | 11.753 |
| 12/08/2019 05:00 | 11.698 |
| 12/08/2019 06:00 | 11.726 |
| 12/08/2019 07:00 | 11.687 |
| 12/08/2019 08:00 | 11.682 |
| 12/08/2019 09:00 | 11.825 |
| 12/08/2019 10:00 | 11.794 |
| 12/08/2019 11:00 | 11.848 |
| 12/08/2019 12:00 | 11.833 |
| 12/08/2019 13:00 | 11.833 |
| 12/08/2019 14:00 | 11.792 |
| 12/08/2019 15:00 | 11.698 |
| 12/08/2019 16:00 | 11.71 |
| 12/08/2019 17:00 | 11.678 |
| 12/08/2019 18:00 | 11.669 |
| 12/08/2019 19:00 | 11.628 |
| 12/08/2019 20:00 | 11.51 |
| 12/08/2019 21:00 | 11.562 |
| 12/08/2019 22:00 | 11.535 |
| 12/08/2019 23:00 | 11.389 |
| 13/08/2019 00:00 | 11.372 |
| 13/08/2019 01:00 | 11.314 |
| 13/08/2019 02:00 | 11.156 |
| 13/08/2019 03:00 | 11.126 |
| 13/08/2019 04:00 | 11.008 |
| 13/08/2019 05:00 | 11.783 |
| 13/08/2019 06:00 | 11.824 |
| 13/08/2019 07:00 | 11.777 |
| 13/08/2019 08:00 | 11.784 |
| 13/08/2019 09:00 | 10.664 |
| 13/08/2019 10:00 | 10.482 |
| 13/08/2019 11:00 | 10.444 |
| 13/08/2019 12:00 | 10.338 |
| 13/08/2019 13:00 | 10.322 |
| 13/08/2019 14:00 | 10.211 |
| 13/08/2019 15:00 | 10.218 |
| 13/08/2019 16:00 | 10.283 |
| 13/08/2019 17:00 | 10.148 |
| 13/08/2019 18:00 | 10.054 |
| 13/08/2019 19:00 | 10.124 |
| 13/08/2019 20:00 | 10.014 |
| 13/08/2019 21:00 | 9.933 |
| 13/08/2019 22:00 | 10.017 |
| 13/08/2019 23:00 | 10.058 |
| 14/08/2019 00:00 | 10.193 |
| 14/08/2019 01:00 | 10.372 |
| 14/08/2019 02:00 | 10.244 |
| 14/08/2019 03:00 | 10.234 |
| 14/08/2019 04:00 | 10.237 |

| Fecha y Hora | Total de inertes Prom/Hora |
|---------------------|-----------------------------------|
| 14/08/2019 05:00 | 10.999 |
| 14/08/2019 06:00 | 10.829 |
| 14/08/2019 07:00 | 10.801 |
| 14/08/2019 08:00 | 10.724 |
| 14/08/2019 09:00 | 9.803 |
| 14/08/2019 10:00 | 9.882 |
| 14/08/2019 11:00 | 10.005 |
| 14/08/2019 12:00 | 10.014 |
| 14/08/2019 13:00 | 10.075 |
| 14/08/2019 14:00 | 10.337 |
| 14/08/2019 15:00 | 10.263 |
| 14/08/2019 16:00 | 10.299 |
| 14/08/2019 17:00 | 10.276 |
| 14/08/2019 18:00 | 10.274 |
| 14/08/2019 19:00 | 10.281 |
| 14/08/2019 20:00 | 10.304 |
| 14/08/2019 21:00 | 10.313 |
| 14/08/2019 22:00 | 10.32 |
| 14/08/2019 23:00 | 10.429 |
| 15/08/2019 00:00 | 10.479 |
| 15/08/2019 01:00 | 10.364 |
| 15/08/2019 02:00 | 10.44 |
| 15/08/2019 03:00 | 10.389 |
| 15/08/2019 04:00 | 10.477 |
| 15/08/2019 05:00 | 10.159 |
| 15/08/2019 06:00 | 10.024 |
| 15/08/2019 07:00 | 9.949 |
| 15/08/2019 08:00 | 9.732 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Total de inertes

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | X | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 38 CPG Cactus | 8.9596 |
| 09/08/2019 | CRE 38 CPG Cactus | 8.8857 |
| 10/08/2019 | CRE 38 CPG Cactus | 8.8863 |
| 11/08/2019 | CRE 38 CPG Cactus | 8.5392 |
| 12/08/2019 | CRE 38 CPG Cactus | 8.592 |
| 13/08/2019 | CRE 38 CPG Cactus | 8.3372 |
| 14/08/2019 | CRE 38 CPG Cactus | 8.7575 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 05:00 | 8.8825 |
| 08/08/2019 06:00 | 8.9043 |
| 08/08/2019 07:00 | 8.8992 |
| 08/08/2019 08:00 | 8.8376 |
| 08/08/2019 09:00 | 8.8338 |
| 08/08/2019 10:00 | 8.9878 |
| 08/08/2019 11:00 | 8.9926 |
| 08/08/2019 12:00 | 8.7062 |
| 08/08/2019 13:00 | 8.7883 |
| 08/08/2019 14:00 | 8.8436 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 15:00 | 9.0319 |
| 08/08/2019 16:00 | 9.1346 |
| 08/08/2019 17:00 | 9.0846 |
| 08/08/2019 18:00 | 8.966 |
| 08/08/2019 19:00 | 9.3006 |
| 08/08/2019 20:00 | 9.0892 |
| 08/08/2019 21:00 | 9.2154 |
| 08/08/2019 22:00 | 9.0907 |
| 08/08/2019 23:00 | 9.0271 |
| 09/08/2019 00:00 | 9.1473 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 01:00 | 8.8137 |
| 09/08/2019 02:00 | 8.8713 |
| 09/08/2019 03:00 | 8.7787 |
| 09/08/2019 04:00 | 8.8021 |
| 09/08/2019 05:00 | 8.9423 |
| 09/08/2019 06:00 | 8.718 |
| 09/08/2019 07:00 | 8.8734 |
| 09/08/2019 08:00 | 8.665 |
| 09/08/2019 09:00 | 8.9729 |
| 09/08/2019 10:00 | 8.965 |
| 09/08/2019 11:00 | 8.9063 |
| 09/08/2019 12:00 | 9.025 |
| 09/08/2019 13:00 | 8.7944 |
| 09/08/2019 14:00 | 8.9228 |
| 09/08/2019 15:00 | 8.9652 |
| 09/08/2019 16:00 | 8.9846 |
| 09/08/2019 17:00 | 8.881 |
| 09/08/2019 18:00 | 8.7499 |
| 09/08/2019 19:00 | 9.0088 |
| 09/08/2019 20:00 | 8.8944 |
| 09/08/2019 21:00 | 8.9538 |
| 09/08/2019 22:00 | 8.7421 |
| 09/08/2019 23:00 | 8.6427 |
| 10/08/2019 00:00 | 9.0644 |
| 10/08/2019 01:00 | 9.0117 |
| 10/08/2019 02:00 | 8.7217 |
| 10/08/2019 03:00 | 8.764 |
| 10/08/2019 04:00 | 9.0876 |
| 10/08/2019 05:00 | 8.9489 |
| 10/08/2019 06:00 | 9.061 |
| 10/08/2019 07:00 | 9.1443 |
| 10/08/2019 08:00 | 9.1583 |
| 10/08/2019 09:00 | 8.891 |
| 10/08/2019 10:00 | 9.198 |
| 10/08/2019 11:00 | 8.9512 |
| 10/08/2019 12:00 | 8.8508 |
| 10/08/2019 13:00 | 8.9462 |
| 10/08/2019 14:00 | 8.9634 |
| 10/08/2019 15:00 | 9.1102 |
| 10/08/2019 16:00 | 9.0631 |
| 10/08/2019 17:00 | 8.7653 |
| 10/08/2019 18:00 | 8.7849 |
| 10/08/2019 19:00 | 8.9647 |
| 10/08/2019 20:00 | 8.8485 |
| 10/08/2019 21:00 | 8.6605 |
| 10/08/2019 22:00 | 8.7639 |
| 10/08/2019 23:00 | 8.5852 |
| 11/08/2019 00:00 | 8.6057 |
| 11/08/2019 01:00 | 8.7774 |
| 11/08/2019 02:00 | 8.7799 |
| 11/08/2019 03:00 | 8.799 |
| 11/08/2019 04:00 | 8.6505 |
| 11/08/2019 05:00 | 8.6359 |
| 11/08/2019 06:00 | 8.6707 |
| 11/08/2019 07:00 | 8.5368 |
| 11/08/2019 08:00 | 8.4718 |
| 11/08/2019 09:00 | 8.6958 |
| 11/08/2019 10:00 | 8.8148 |
| 11/08/2019 11:00 | 8.8148 |
| 11/08/2019 12:00 | 8.6958 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 13:00 | 8.5047 |
| 11/08/2019 14:00 | 8.2906 |
| 11/08/2019 15:00 | 8.5047 |
| 11/08/2019 16:00 | 8.4002 |
| 11/08/2019 17:00 | 8.5525 |
| 11/08/2019 18:00 | 8.618 |
| 11/08/2019 19:00 | 8.3164 |
| 11/08/2019 20:00 | 8.4338 |
| 11/08/2019 21:00 | 8.6699 |
| 11/08/2019 22:00 | 8.42 |
| 11/08/2019 23:00 | 8.4169 |
| 12/08/2019 00:00 | 8.6524 |
| 12/08/2019 01:00 | 8.4684 |
| 12/08/2019 02:00 | 8.5311 |
| 12/08/2019 03:00 | 8.5159 |
| 12/08/2019 04:00 | 8.3087 |
| 12/08/2019 05:00 | 8.4112 |
| 12/08/2019 06:00 | 8.5621 |
| 12/08/2019 07:00 | 8.3993 |
| 12/08/2019 08:00 | 8.4275 |
| 12/08/2019 09:00 | 8.6033 |
| 12/08/2019 10:00 | 8.5036 |
| 12/08/2019 11:00 | 8.6981 |
| 12/08/2019 12:00 | 8.6491 |
| 12/08/2019 13:00 | 8.6491 |
| 12/08/2019 14:00 | 8.6577 |
| 12/08/2019 15:00 | 8.6078 |
| 12/08/2019 16:00 | 8.6938 |
| 12/08/2019 17:00 | 8.5328 |
| 12/08/2019 18:00 | 8.6638 |
| 12/08/2019 19:00 | 8.7606 |
| 12/08/2019 20:00 | 8.4897 |
| 12/08/2019 21:00 | 8.6238 |
| 12/08/2019 22:00 | 8.775 |
| 12/08/2019 23:00 | 8.6069 |
| 13/08/2019 00:00 | 8.7999 |
| 13/08/2019 01:00 | 8.9224 |
| 13/08/2019 02:00 | 8.3254 |
| 13/08/2019 03:00 | 8.4862 |
| 13/08/2019 04:00 | 8.3583 |
| 13/08/2019 05:00 | 8.5842 |
| 13/08/2019 06:00 | 8.5257 |
| 13/08/2019 07:00 | 8.3366 |
| 13/08/2019 08:00 | 8.4783 |
| 13/08/2019 09:00 | 8.3674 |
| 13/08/2019 10:00 | 8.1916 |
| 13/08/2019 11:00 | 8.2078 |
| 13/08/2019 12:00 | 8.1503 |
| 13/08/2019 13:00 | 8.1175 |
| 13/08/2019 14:00 | 8.1629 |
| 13/08/2019 15:00 | 8.0798 |
| 13/08/2019 16:00 | 8.3293 |
| 13/08/2019 17:00 | 8.1308 |
| 13/08/2019 18:00 | 8.1 |
| 13/08/2019 19:00 | 8.5104 |
| 13/08/2019 20:00 | 8.1948 |
| 13/08/2019 21:00 | 8.0248 |
| 13/08/2019 22:00 | 8.3031 |
| 13/08/2019 23:00 | 8.1408 |
| 14/08/2019 00:00 | 8.3939 |

| Fecha y Hora | Total de inertes Prom/Hora |
|---------------------|-----------------------------------|
| 14/08/2019 01:00 | 8.8528 |
| 14/08/2019 02:00 | 8.6839 |
| 14/08/2019 03:00 | 8.5177 |
| 14/08/2019 04:00 | 8.7085 |
| 14/08/2019 05:00 | 8.7355 |
| 14/08/2019 06:00 | 8.5921 |
| 14/08/2019 07:00 | 8.6774 |
| 14/08/2019 08:00 | 8.5524 |
| 14/08/2019 09:00 | 8.6411 |
| 14/08/2019 10:00 | 8.2417 |
| 14/08/2019 11:00 | 8.4969 |
| 14/08/2019 12:00 | 8.5261 |
| 14/08/2019 13:00 | 8.5265 |
| 14/08/2019 14:00 | 8.7297 |
| 14/08/2019 15:00 | 8.5462 |
| 14/08/2019 16:00 | 8.6452 |
| 14/08/2019 17:00 | 8.6015 |
| 14/08/2019 18:00 | 8.6517 |
| 14/08/2019 19:00 | 8.758 |
| 14/08/2019 20:00 | 8.6881 |
| 14/08/2019 21:00 | 8.8558 |
| 14/08/2019 22:00 | 8.8599 |
| 14/08/2019 23:00 | 9.0819 |
| 15/08/2019 00:00 | 9.2549 |
| 15/08/2019 01:00 | 9.0595 |
| 15/08/2019 02:00 | 9.1072 |
| 15/08/2019 03:00 | 9.0907 |
| 15/08/2019 04:00 | 9.2609 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Total de inertes

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | X | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 39 KM-100 | 12.0551 |
| 09/08/2019 | CRE 39 KM-100 | 12.6746 |
| 10/08/2019 | CRE 39 KM-100 | 12.1554 |
| 11/08/2019 | CRE 39 KM-100 | 13.1153 |
| 12/08/2019 | CRE 39 KM-100 | 12.6278 |
| 13/08/2019 | CRE 39 KM-100 | 10.9442 |
| 14/08/2019 | CRE 39 KM-100 | 10.8882 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 09:00 | 12.7225 |
| 08/08/2019 10:00 | 12.6012 |
| 08/08/2019 11:00 | 12.4742 |
| 08/08/2019 12:00 | 12.281 |
| 08/08/2019 13:00 | 11.932 |
| 08/08/2019 14:00 | 12.1861 |
| 08/08/2019 15:00 | 12.3421 |
| 08/08/2019 16:00 | 12.4216 |
| 08/08/2019 17:00 | 12.5575 |
| 08/08/2019 18:00 | 12.7088 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 19:00 | 12.8656 |
| 08/08/2019 20:00 | 12.915 |
| 08/08/2019 21:00 | 12.9242 |
| 08/08/2019 22:00 | 12.9081 |
| 08/08/2019 23:00 | 12.9031 |
| 09/08/2019 00:00 | 12.9252 |
| 09/08/2019 01:00 | 12.9864 |
| 09/08/2019 02:00 | 13.0751 |
| 09/08/2019 03:00 | 13.1641 |
| 09/08/2019 04:00 | 13.2292 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 05:00 | 8.9423 |
| 09/08/2019 06:00 | 8.718 |
| 09/08/2019 07:00 | 8.8734 |
| 09/08/2019 08:00 | 8.665 |
| 09/08/2019 09:00 | 13.4201 |
| 09/08/2019 10:00 | 13.405 |
| 09/08/2019 11:00 | 13.38 |
| 09/08/2019 12:00 | 12.52 |
| 09/08/2019 13:00 | 12.3323 |
| 09/08/2019 14:00 | 12.0761 |
| 09/08/2019 15:00 | 11.7508 |
| 09/08/2019 16:00 | 12.0077 |
| 09/08/2019 17:00 | 12.5743 |
| 09/08/2019 18:00 | 12.6347 |
| 09/08/2019 19:00 | 12.6427 |
| 09/08/2019 20:00 | 12.6108 |
| 09/08/2019 21:00 | 12.626 |
| 09/08/2019 22:00 | 12.6556 |
| 09/08/2019 23:00 | 12.693 |
| 10/08/2019 00:00 | 12.7311 |
| 10/08/2019 01:00 | 12.7688 |
| 10/08/2019 02:00 | 12.7728 |
| 10/08/2019 03:00 | 12.7709 |
| 10/08/2019 04:00 | 12.7628 |
| 10/08/2019 05:00 | 12.756 |
| 10/08/2019 06:00 | 12.7598 |
| 10/08/2019 07:00 | 12.7622 |
| 10/08/2019 08:00 | 12.7773 |
| 10/08/2019 09:00 | 12.7876 |
| 10/08/2019 10:00 | 12.8005 |
| 10/08/2019 11:00 | 12.8142 |
| 10/08/2019 12:00 | 12.8239 |
| 10/08/2019 13:00 | 12.8334 |
| 10/08/2019 14:00 | 12.8421 |
| 10/08/2019 15:00 | 12.8476 |
| 10/08/2019 16:00 | 12.8504 |
| 10/08/2019 17:00 | 12.8506 |
| 10/08/2019 18:00 | 12.8519 |
| 10/08/2019 19:00 | 12.8646 |
| 10/08/2019 20:00 | 12.8731 |
| 10/08/2019 21:00 | 12.8768 |
| 10/08/2019 22:00 | 12.8894 |
| 10/08/2019 23:00 | 12.8956 |
| 11/08/2019 00:00 | 12.9158 |
| 11/08/2019 01:00 | 12.9286 |
| 11/08/2019 02:00 | 12.9434 |
| 11/08/2019 03:00 | 12.9555 |
| 11/08/2019 04:00 | 12.9703 |
| 11/08/2019 05:00 | 8.6359 |
| 11/08/2019 06:00 | 8.6707 |
| 11/08/2019 07:00 | 8.5368 |
| 11/08/2019 08:00 | 8.4718 |
| 11/08/2019 09:00 | 13.0262 |
| 11/08/2019 10:00 | 13.0263 |
| 11/08/2019 11:00 | 13.0263 |
| 11/08/2019 12:00 | 13.0262 |
| 11/08/2019 13:00 | 13.0701 |
| 11/08/2019 14:00 | 13.063 |
| 11/08/2019 15:00 | 13.0701 |
| 11/08/2019 16:00 | 13.0735 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 17:00 | 13.0812 |
| 11/08/2019 18:00 | 13.0898 |
| 11/08/2019 19:00 | 13.1068 |
| 11/08/2019 20:00 | 13.1191 |
| 11/08/2019 21:00 | 13.1277 |
| 11/08/2019 22:00 | 13.1353 |
| 11/08/2019 23:00 | 13.1352 |
| 12/08/2019 00:00 | 13.1527 |
| 12/08/2019 01:00 | 13.1578 |
| 12/08/2019 02:00 | 13.1745 |
| 12/08/2019 03:00 | 13.1828 |
| 12/08/2019 04:00 | 13.1874 |
| 12/08/2019 05:00 | 13.1876 |
| 12/08/2019 06:00 | 13.1832 |
| 12/08/2019 07:00 | 13.184 |
| 12/08/2019 08:00 | 13.1813 |
| 12/08/2019 09:00 | 13.1664 |
| 12/08/2019 10:00 | 13.1634 |
| 12/08/2019 11:00 | 13.1591 |
| 12/08/2019 12:00 | 13.1583 |
| 12/08/2019 13:00 | 13.1583 |
| 12/08/2019 14:00 | 13.096 |
| 12/08/2019 15:00 | 12.9843 |
| 12/08/2019 16:00 | 12.9656 |
| 12/08/2019 17:00 | 12.9868 |
| 12/08/2019 18:00 | 12.9198 |
| 12/08/2019 19:00 | 12.822 |
| 12/08/2019 20:00 | 12.7683 |
| 12/08/2019 21:00 | 12.7852 |
| 12/08/2019 22:00 | 12.684 |
| 12/08/2019 23:00 | 12.5466 |
| 13/08/2019 00:00 | 12.4416 |
| 13/08/2019 01:00 | 12.3102 |
| 13/08/2019 02:00 | 12.3349 |
| 13/08/2019 03:00 | 12.2248 |
| 13/08/2019 04:00 | 12.1119 |
| 13/08/2019 05:00 | 12.0047 |
| 13/08/2019 06:00 | 11.7878 |
| 13/08/2019 07:00 | 11.8268 |
| 13/08/2019 08:00 | 11.6592 |
| 13/08/2019 09:00 | 11.6206 |
| 13/08/2019 10:00 | 11.4362 |
| 13/08/2019 11:00 | 11.3753 |
| 13/08/2019 12:00 | 11.2494 |
| 13/08/2019 13:00 | 11.2396 |
| 13/08/2019 14:00 | 11.0641 |
| 13/08/2019 15:00 | 11.1085 |
| 13/08/2019 16:00 | 11.0955 |
| 13/08/2019 17:00 | 10.9878 |
| 13/08/2019 18:00 | 10.8668 |
| 13/08/2019 19:00 | 10.7966 |
| 13/08/2019 20:00 | 10.7706 |
| 13/08/2019 21:00 | 10.7275 |
| 13/08/2019 22:00 | 10.731 |
| 13/08/2019 23:00 | 10.8559 |
| 14/08/2019 00:00 | 10.9419 |
| 14/08/2019 01:00 | 11.0042 |
| 14/08/2019 02:00 | 10.8934 |
| 14/08/2019 03:00 | 10.9482 |
| 14/08/2019 04:00 | 10.8738 |

| Fecha y Hora | Total de inertes Prom/Hora |
|---------------------|---------------------------------------|
| 14/08/2019 05:00 | 10.7511 |
| 14/08/2019 06:00 | 10.6189 |
| 14/08/2019 07:00 | 10.4787 |
| 14/08/2019 08:00 | 10.2243 |
| 14/08/2019 09:00 | 10.2871 |
| 14/08/2019 10:00 | 10.5641 |
| 14/08/2019 11:00 | 10.6327 |
| 14/08/2019 12:00 | 10.6337 |
| 14/08/2019 13:00 | 10.7203 |
| 14/08/2019 14:00 | 11.0057 |
| 14/08/2019 15:00 | 10.9773 |
| 14/08/2019 16:00 | 10.9871 |
| 14/08/2019 17:00 | 10.9723 |
| 14/08/2019 18:00 | 10.9498 |
| 14/08/2019 19:00 | 10.9143 |
| 14/08/2019 20:00 | 10.9758 |
| 14/08/2019 21:00 | 10.9194 |
| 14/08/2019 22:00 | 10.9275 |
| 14/08/2019 23:00 | 10.989 |
| 15/08/2019 00:00 | 10.9897 |
| 15/08/2019 01:00 | 10.9081 |
| 15/08/2019 02:00 | 10.9955 |
| 15/08/2019 03:00 | 10.9302 |
| 15/08/2019 04:00 | 10.9844 |
| 15/08/2019 05:00 | 10.9949 |
| 15/08/2019 06:00 | 10.9703 |
| 15/08/2019 07:00 | 11.0321 |
| 15/08/2019 08:00 | 11.0544 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Total de inertes

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | X | | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 40 CPG Nuevo Pemex | 12.7516 |
| 09/08/2019 | CRE 40 CPG Nuevo Pemex | 12.7736 |
| 10/08/2019 | CRE 40 CPG Nuevo Pemex | 12.8529 |
| 11/08/2019 | CRE 40 CPG Nuevo Pemex | 13.0842 |
| 12/08/2019 | CRE 40 CPG Nuevo Pemex | 12.8552 |
| 13/08/2019 | CRE 40 CPG Nuevo Pemex | 11.1611 |
| 14/08/2019 | CRE 40 CPG Nuevo Pemex | 10.8057 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 05:00 | 13.1131 |
| 08/08/2019 06:00 | 13.034 |
| 08/08/2019 07:00 | 12.94 |
| 08/08/2019 08:00 | 12.8293 |
| 08/08/2019 09:00 | 12.7225 |
| 08/08/2019 10:00 | 12.6012 |
| 08/08/2019 11:00 | 12.4742 |
| 08/08/2019 12:00 | 12.281 |
| 08/08/2019 13:00 | 11.932 |
| 08/08/2019 14:00 | 12.1861 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 15:00 | 12.3421 |
| 08/08/2019 16:00 | 12.4216 |
| 08/08/2019 17:00 | 12.5575 |
| 08/08/2019 18:00 | 12.7088 |
| 08/08/2019 19:00 | 12.8656 |
| 08/08/2019 20:00 | 12.915 |
| 08/08/2019 21:00 | 12.9242 |
| 08/08/2019 22:00 | 12.9081 |
| 08/08/2019 23:00 | 12.9031 |
| 09/08/2019 00:00 | 12.9252 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 01:00 | 12.9864 |
| 09/08/2019 02:00 | 13.0751 |
| 09/08/2019 03:00 | 13.1641 |
| 09/08/2019 04:00 | 13.2292 |
| 09/08/2019 05:00 | 13.2801 |
| 09/08/2019 06:00 | 13.3375 |
| 09/08/2019 07:00 | 13.3934 |
| 09/08/2019 08:00 | 13.4192 |
| 09/08/2019 09:00 | 13.4201 |
| 09/08/2019 10:00 | 13.405 |
| 09/08/2019 11:00 | 13.38 |
| 09/08/2019 12:00 | 12.52 |
| 09/08/2019 13:00 | 12.3323 |
| 09/08/2019 14:00 | 12.0761 |
| 09/08/2019 15:00 | 11.7508 |
| 09/08/2019 16:00 | 12.0077 |
| 09/08/2019 17:00 | 12.5743 |
| 09/08/2019 18:00 | 12.6347 |
| 09/08/2019 19:00 | 12.6427 |
| 09/08/2019 20:00 | 12.6108 |
| 09/08/2019 21:00 | 12.626 |
| 09/08/2019 22:00 | 12.6556 |
| 09/08/2019 23:00 | 12.693 |
| 10/08/2019 00:00 | 12.7311 |
| 10/08/2019 01:00 | 12.7688 |
| 10/08/2019 02:00 | 12.7728 |
| 10/08/2019 03:00 | 12.7709 |
| 10/08/2019 04:00 | 12.7628 |
| 10/08/2019 05:00 | 12.756 |
| 10/08/2019 06:00 | 12.7598 |
| 10/08/2019 07:00 | 12.7622 |
| 10/08/2019 08:00 | 12.7773 |
| 10/08/2019 09:00 | 12.7876 |
| 10/08/2019 10:00 | 12.8005 |
| 10/08/2019 11:00 | 12.8142 |
| 10/08/2019 12:00 | 12.8239 |
| 10/08/2019 13:00 | 12.8334 |
| 10/08/2019 14:00 | 12.8421 |
| 10/08/2019 15:00 | 12.8476 |
| 10/08/2019 16:00 | 12.8504 |
| 10/08/2019 17:00 | 12.8506 |
| 10/08/2019 18:00 | 12.8519 |
| 10/08/2019 19:00 | 12.8646 |
| 10/08/2019 20:00 | 12.8731 |
| 10/08/2019 21:00 | 12.8768 |
| 10/08/2019 22:00 | 12.8894 |
| 10/08/2019 23:00 | 12.8956 |
| 11/08/2019 00:00 | 12.9158 |
| 11/08/2019 01:00 | 12.9286 |
| 11/08/2019 02:00 | 12.9434 |
| 11/08/2019 03:00 | 12.9555 |
| 11/08/2019 04:00 | 12.9703 |
| 11/08/2019 05:00 | 12.973 |
| 11/08/2019 06:00 | 12.9986 |
| 11/08/2019 07:00 | 12.9973 |
| 11/08/2019 08:00 | 13.0186 |
| 11/08/2019 09:00 | 13.0262 |
| 11/08/2019 10:00 | 13.0263 |
| 11/08/2019 11:00 | 13.0263 |
| 11/08/2019 12:00 | 13.0262 |

| Fecha y Hora | Total de inertes Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 13:00 | 13.0701 |
| 11/08/2019 14:00 | 13.063 |
| 11/08/2019 15:00 | 13.0701 |
| 11/08/2019 16:00 | 13.0735 |
| 11/08/2019 17:00 | 13.0812 |
| 11/08/2019 18:00 | 13.0898 |
| 11/08/2019 19:00 | 13.1068 |
| 11/08/2019 20:00 | 13.1191 |
| 11/08/2019 21:00 | 13.1277 |
| 11/08/2019 22:00 | 13.1353 |
| 11/08/2019 23:00 | 13.1352 |
| 12/08/2019 00:00 | 13.1527 |
| 12/08/2019 01:00 | 13.1578 |
| 12/08/2019 02:00 | 13.1745 |
| 12/08/2019 03:00 | 13.1828 |
| 12/08/2019 04:00 | 13.1874 |
| 12/08/2019 05:00 | 13.1876 |
| 12/08/2019 06:00 | 13.1832 |
| 12/08/2019 07:00 | 13.184 |
| 12/08/2019 08:00 | 13.1813 |
| 12/08/2019 09:00 | 13.1664 |
| 12/08/2019 10:00 | 13.1634 |
| 12/08/2019 11:00 | 13.1591 |
| 12/08/2019 12:00 | 13.1583 |
| 12/08/2019 13:00 | 13.1583 |
| 12/08/2019 14:00 | 13.096 |
| 12/08/2019 15:00 | 12.9843 |
| 12/08/2019 16:00 | 12.9656 |
| 12/08/2019 17:00 | 12.9868 |
| 12/08/2019 18:00 | 12.9198 |
| 12/08/2019 19:00 | 12.822 |
| 12/08/2019 20:00 | 12.7683 |
| 12/08/2019 21:00 | 12.7852 |
| 12/08/2019 22:00 | 12.684 |
| 12/08/2019 23:00 | 12.5466 |
| 13/08/2019 00:00 | 12.4416 |
| 13/08/2019 01:00 | 12.3102 |
| 13/08/2019 02:00 | 12.3349 |
| 13/08/2019 03:00 | 12.2248 |
| 13/08/2019 04:00 | 12.1119 |
| 13/08/2019 05:00 | 12.0047 |
| 13/08/2019 06:00 | 11.7878 |
| 13/08/2019 07:00 | 11.8268 |
| 13/08/2019 08:00 | 11.6592 |
| 13/08/2019 09:00 | 11.6206 |
| 13/08/2019 10:00 | 11.4362 |
| 13/08/2019 11:00 | 11.3753 |
| 13/08/2019 12:00 | 11.2494 |
| 13/08/2019 13:00 | 11.2396 |
| 13/08/2019 14:00 | 11.0641 |
| 13/08/2019 15:00 | 11.1085 |
| 13/08/2019 16:00 | 11.0955 |
| 13/08/2019 17:00 | 10.9878 |
| 13/08/2019 18:00 | 10.8668 |
| 13/08/2019 19:00 | 10.7966 |
| 13/08/2019 20:00 | 10.7706 |
| 13/08/2019 21:00 | 10.7275 |
| 13/08/2019 22:00 | 10.731 |
| 13/08/2019 23:00 | 10.8559 |
| 14/08/2019 00:00 | 10.9419 |

| Fecha y Hora | Total de inertes Prom/Hora |
|---------------------|---------------------------------------|
| 14/08/2019 01:00 | 11.0042 |
| 14/08/2019 02:00 | 10.8934 |
| 14/08/2019 03:00 | 10.9482 |
| 14/08/2019 04:00 | 10.8738 |
| 14/08/2019 05:00 | 10.7511 |
| 14/08/2019 06:00 | 10.6189 |
| 14/08/2019 07:00 | 10.4787 |
| 14/08/2019 08:00 | 10.2243 |
| 14/08/2019 09:00 | 10.2871 |
| 14/08/2019 10:00 | 10.5641 |
| 14/08/2019 11:00 | 10.6327 |
| 14/08/2019 12:00 | 10.6337 |
| 14/08/2019 13:00 | 10.7203 |
| 14/08/2019 14:00 | 11.0057 |
| 14/08/2019 15:00 | 10.9773 |
| 14/08/2019 16:00 | 10.9871 |
| 14/08/2019 17:00 | 10.9723 |
| 14/08/2019 18:00 | 10.9498 |
| 14/08/2019 19:00 | 10.9143 |
| 14/08/2019 20:00 | 10.9758 |
| 14/08/2019 21:00 | 10.9194 |
| 14/08/2019 22:00 | 10.9275 |
| 14/08/2019 23:00 | 10.989 |
| 15/08/2019 00:00 | 10.9897 |
| 15/08/2019 01:00 | 10.9081 |
| 15/08/2019 02:00 | 10.9955 |
| 15/08/2019 03:00 | 10.9302 |
| 15/08/2019 04:00 | 10.9844 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Poder calorífico

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|---|--|--|-------------------------------|---|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | X | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 35 Troncal 48" | 34.6975 |
| 09/08/2019 | CRE 35 Troncal 48" | 34.6835 |
| 10/08/2019 | CRE 35 Troncal 48" | 34.6136 |
| 11/08/2019 | CRE 35 Troncal 48" | 34.6597 |
| 12/08/2019 | CRE 35 Troncal 48" | 34.7409 |
| 13/08/2019 | CRE 35 Troncal 48" | 35.3099 |
| 14/08/2019 | CRE 35 Troncal 48" | 35.6227 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 09:00 | 34.7187 |
| 08/08/2019 10:00 | 34.7574 |
| 08/08/2019 11:00 | 34.7918 |
| 08/08/2019 12:00 | 34.8792 |
| 08/08/2019 13:00 | 34.9295 |
| 08/08/2019 14:00 | 34.8613 |
| 08/08/2019 15:00 | 34.7944 |
| 08/08/2019 16:00 | 34.7648 |
| 08/08/2019 17:00 | 34.7267 |
| 08/08/2019 18:00 | 34.7024 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 19:00 | 34.6173 |
| 08/08/2019 20:00 | 34.6326 |
| 08/08/2019 21:00 | 34.6154 |
| 08/08/2019 22:00 | 34.6325 |
| 08/08/2019 23:00 | 34.6453 |
| 09/08/2019 00:00 | 34.6301 |
| 09/08/2019 01:00 | 34.6579 |
| 09/08/2019 02:00 | 34.6294 |
| 09/08/2019 03:00 | 34.6124 |
| 09/08/2019 04:00 | 34.5893 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 05:00 | 34.594 |
| 09/08/2019 06:00 | 34.6227 |
| 09/08/2019 07:00 | 34.6492 |
| 09/08/2019 08:00 | 34.6852 |
| 09/08/2019 09:00 | 34.5085 |
| 09/08/2019 10:00 | 34.5122 |
| 09/08/2019 11:00 | 34.5285 |
| 09/08/2019 12:00 | 34.7292 |
| 09/08/2019 13:00 | 34.7529 |
| 09/08/2019 14:00 | 34.8579 |
| 09/08/2019 15:00 | 34.9651 |
| 09/08/2019 16:00 | 34.8789 |
| 09/08/2019 17:00 | 34.7283 |
| 09/08/2019 18:00 | 34.7442 |
| 09/08/2019 19:00 | 34.7134 |
| 09/08/2019 20:00 | 34.7171 |
| 09/08/2019 21:00 | 34.6997 |
| 09/08/2019 22:00 | 34.7136 |
| 09/08/2019 23:00 | 34.7189 |
| 10/08/2019 00:00 | 34.6682 |
| 10/08/2019 01:00 | 34.6708 |
| 10/08/2019 02:00 | 34.7106 |
| 10/08/2019 03:00 | 34.7104 |
| 10/08/2019 04:00 | 34.6796 |
| 10/08/2019 05:00 | 34.5571 |
| 10/08/2019 06:00 | 34.5643 |
| 10/08/2019 07:00 | 34.5302 |
| 10/08/2019 08:00 | 34.5444 |
| 10/08/2019 09:00 | 34.586 |
| 10/08/2019 10:00 | 34.5565 |
| 10/08/2019 11:00 | 34.5959 |
| 10/08/2019 12:00 | 34.61 |
| 10/08/2019 13:00 | 34.6127 |
| 10/08/2019 14:00 | 34.6135 |
| 10/08/2019 15:00 | 34.5885 |
| 10/08/2019 16:00 | 34.6001 |
| 10/08/2019 17:00 | 34.6401 |
| 10/08/2019 18:00 | 34.643 |
| 10/08/2019 19:00 | 34.6227 |
| 10/08/2019 20:00 | 34.6362 |
| 10/08/2019 21:00 | 34.6603 |
| 10/08/2019 22:00 | 34.6391 |
| 10/08/2019 23:00 | 34.6579 |
| 11/08/2019 00:00 | 34.6545 |
| 11/08/2019 01:00 | 34.6386 |
| 11/08/2019 02:00 | 34.6301 |
| 11/08/2019 03:00 | 34.6209 |
| 11/08/2019 04:00 | 34.6386 |
| 11/08/2019 05:00 | 34.5975 |
| 11/08/2019 06:00 | 34.572 |
| 11/08/2019 07:00 | 34.557 |
| 11/08/2019 08:00 | 34.5547 |
| 11/08/2019 09:00 | 34.6186 |
| 11/08/2019 10:00 | 34.6042 |
| 11/08/2019 11:00 | 34.6042 |
| 11/08/2019 12:00 | 34.6186 |
| 11/08/2019 13:00 | 34.6819 |
| 11/08/2019 14:00 | 34.705 |
| 11/08/2019 15:00 | 34.6819 |
| 11/08/2019 16:00 | 34.6929 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 17:00 | 34.6809 |
| 11/08/2019 18:00 | 34.6765 |
| 11/08/2019 19:00 | 34.7135 |
| 11/08/2019 20:00 | 34.6952 |
| 11/08/2019 21:00 | 34.6649 |
| 11/08/2019 22:00 | 34.6847 |
| 11/08/2019 23:00 | 34.6803 |
| 12/08/2019 00:00 | 34.6448 |
| 12/08/2019 01:00 | 34.6644 |
| 12/08/2019 02:00 | 34.6486 |
| 12/08/2019 03:00 | 34.6508 |
| 12/08/2019 04:00 | 34.6723 |
| 12/08/2019 05:00 | 34.645 |
| 12/08/2019 06:00 | 34.6248 |
| 12/08/2019 07:00 | 34.6373 |
| 12/08/2019 08:00 | 34.6414 |
| 12/08/2019 09:00 | 34.6449 |
| 12/08/2019 10:00 | 34.6612 |
| 12/08/2019 11:00 | 34.6411 |
| 12/08/2019 12:00 | 34.6343 |
| 12/08/2019 13:00 | 34.6343 |
| 12/08/2019 14:00 | 34.6698 |
| 12/08/2019 15:00 | 34.722 |
| 12/08/2019 16:00 | 34.7167 |
| 12/08/2019 17:00 | 34.7276 |
| 12/08/2019 18:00 | 34.7351 |
| 12/08/2019 19:00 | 34.743 |
| 12/08/2019 20:00 | 34.7834 |
| 12/08/2019 21:00 | 34.7535 |
| 12/08/2019 22:00 | 34.7682 |
| 12/08/2019 23:00 | 34.824 |
| 13/08/2019 00:00 | 34.8307 |
| 13/08/2019 01:00 | 34.8523 |
| 13/08/2019 02:00 | 34.9167 |
| 13/08/2019 03:00 | 34.9272 |
| 13/08/2019 04:00 | 34.9734 |
| 13/08/2019 05:00 | 34.6613 |
| 13/08/2019 06:00 | 34.6444 |
| 13/08/2019 07:00 | 34.6599 |
| 13/08/2019 08:00 | 34.6575 |
| 13/08/2019 09:00 | 35.1002 |
| 13/08/2019 10:00 | 35.3445 |
| 13/08/2019 11:00 | 35.2598 |
| 13/08/2019 12:00 | 35.2307 |
| 13/08/2019 13:00 | 35.2138 |
| 13/08/2019 14:00 | 35.2772 |
| 13/08/2019 15:00 | 35.2644 |
| 13/08/2019 16:00 | 35.2444 |
| 13/08/2019 17:00 | 35.3172 |
| 13/08/2019 18:00 | 35.3745 |
| 13/08/2019 19:00 | 35.3809 |
| 13/08/2019 20:00 | 35.4522 |
| 13/08/2019 21:00 | 35.5068 |
| 13/08/2019 22:00 | 35.4995 |
| 13/08/2019 23:00 | 35.5091 |
| 14/08/2019 00:00 | 35.4781 |
| 14/08/2019 01:00 | 35.4214 |
| 14/08/2019 02:00 | 35.4706 |
| 14/08/2019 03:00 | 35.4787 |
| 14/08/2019 04:00 | 35.4823 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|---------------------|-----------------------------------|
| 14/08/2019 05:00 | 34.9726 |
| 14/08/2019 06:00 | 35.0371 |
| 14/08/2019 07:00 | 35.0457 |
| 14/08/2019 08:00 | 35.0762 |
| 14/08/2019 09:00 | 35.785 |
| 14/08/2019 10:00 | 35.7331 |
| 14/08/2019 11:00 | 35.6824 |
| 14/08/2019 12:00 | 35.6762 |
| 14/08/2019 13:00 | 35.6954 |
| 14/08/2019 14:00 | 35.597 |
| 14/08/2019 15:00 | 35.6148 |
| 14/08/2019 16:00 | 35.5904 |
| 14/08/2019 17:00 | 35.5838 |
| 14/08/2019 18:00 | 35.5864 |
| 14/08/2019 19:00 | 35.5888 |
| 14/08/2019 20:00 | 35.5636 |
| 14/08/2019 21:00 | 35.5599 |
| 14/08/2019 22:00 | 35.5592 |
| 14/08/2019 23:00 | 35.5002 |
| 15/08/2019 00:00 | 35.5306 |
| 15/08/2019 01:00 | 35.5638 |
| 15/08/2019 02:00 | 35.5417 |
| 15/08/2019 03:00 | 35.5607 |
| 15/08/2019 04:00 | 35.52 |
| 15/08/2019 05:00 | 35.5999 |
| 15/08/2019 06:00 | 35.8004 |
| 15/08/2019 07:00 | 35.7296 |
| 15/08/2019 08:00 | 35.7826 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Poder calorífico

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | X | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 38 CPG Cactus | 35.8991 |
| 09/08/2019 | CRE 38 CPG Cactus | 35.8457 |
| 10/08/2019 | CRE 38 CPG Cactus | 35.8583 |
| 11/08/2019 | CRE 38 CPG Cactus | 36.015 |
| 12/08/2019 | CRE 38 CPG Cactus | 36.0163 |
| 13/08/2019 | CRE 38 CPG Cactus | 36.0575 |
| 14/08/2019 | CRE 38 CPG Cactus | 36.037 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 05:00 | 35.9202 |
| 08/08/2019 06:00 | 35.9271 |
| 08/08/2019 07:00 | 35.9139 |
| 08/08/2019 08:00 | 35.9162 |
| 08/08/2019 09:00 | 35.922 |
| 08/08/2019 10:00 | 35.9161 |
| 08/08/2019 11:00 | 35.9033 |
| 08/08/2019 12:00 | 36.0236 |
| 08/08/2019 13:00 | 36.0041 |
| 08/08/2019 14:00 | 36.0131 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 15:00 | 35.9261 |
| 08/08/2019 16:00 | 35.8874 |
| 08/08/2019 17:00 | 35.8818 |
| 08/08/2019 18:00 | 35.9122 |
| 08/08/2019 19:00 | 35.762 |
| 08/08/2019 20:00 | 35.8489 |
| 08/08/2019 21:00 | 35.7809 |
| 08/08/2019 22:00 | 35.8113 |
| 08/08/2019 23:00 | 35.8419 |
| 09/08/2019 00:00 | 35.7961 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 01:00 | 35.9317 |
| 09/08/2019 02:00 | 35.9024 |
| 09/08/2019 03:00 | 35.9264 |
| 09/08/2019 04:00 | 35.9097 |
| 09/08/2019 05:00 | 35.8491 |
| 09/08/2019 06:00 | 35.9253 |
| 09/08/2019 07:00 | 35.8631 |
| 09/08/2019 08:00 | 35.9447 |
| 09/08/2019 09:00 | 35.827 |
| 09/08/2019 10:00 | 35.8396 |
| 09/08/2019 11:00 | 35.8924 |
| 09/08/2019 12:00 | 35.8313 |
| 09/08/2019 13:00 | 35.8936 |
| 09/08/2019 14:00 | 35.8488 |
| 09/08/2019 15:00 | 35.8592 |
| 09/08/2019 16:00 | 35.8471 |
| 09/08/2019 17:00 | 35.882 |
| 09/08/2019 18:00 | 35.9389 |
| 09/08/2019 19:00 | 35.8185 |
| 09/08/2019 20:00 | 35.8014 |
| 09/08/2019 21:00 | 35.7473 |
| 09/08/2019 22:00 | 35.8225 |
| 09/08/2019 23:00 | 35.8745 |
| 10/08/2019 00:00 | 35.734 |
| 10/08/2019 01:00 | 35.7609 |
| 10/08/2019 02:00 | 35.8832 |
| 10/08/2019 03:00 | 35.8691 |
| 10/08/2019 04:00 | 35.7442 |
| 10/08/2019 05:00 | 35.7909 |
| 10/08/2019 06:00 | 35.7387 |
| 10/08/2019 07:00 | 35.6943 |
| 10/08/2019 08:00 | 35.6934 |
| 10/08/2019 09:00 | 35.8023 |
| 10/08/2019 10:00 | 35.6988 |
| 10/08/2019 11:00 | 35.8333 |
| 10/08/2019 12:00 | 35.8791 |
| 10/08/2019 13:00 | 35.8668 |
| 10/08/2019 14:00 | 35.8653 |
| 10/08/2019 15:00 | 35.7899 |
| 10/08/2019 16:00 | 35.8207 |
| 10/08/2019 17:00 | 35.9411 |
| 10/08/2019 18:00 | 35.9374 |
| 10/08/2019 19:00 | 35.86 |
| 10/08/2019 20:00 | 35.8994 |
| 10/08/2019 21:00 | 35.9761 |
| 10/08/2019 22:00 | 35.9186 |
| 10/08/2019 23:00 | 35.9821 |
| 11/08/2019 00:00 | 35.9777 |
| 11/08/2019 01:00 | 35.9036 |
| 11/08/2019 02:00 | 35.9004 |
| 11/08/2019 03:00 | 35.879 |
| 11/08/2019 04:00 | 35.95 |
| 11/08/2019 05:00 | 35.9496 |
| 11/08/2019 06:00 | 35.9191 |
| 11/08/2019 07:00 | 35.9599 |
| 11/08/2019 08:00 | 35.9904 |
| 11/08/2019 09:00 | 35.9124 |
| 11/08/2019 10:00 | 35.8641 |
| 11/08/2019 11:00 | 35.8641 |
| 11/08/2019 12:00 | 35.9124 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 13:00 | 36.1018 |
| 11/08/2019 14:00 | 36.1773 |
| 11/08/2019 15:00 | 36.1018 |
| 11/08/2019 16:00 | 36.1412 |
| 11/08/2019 17:00 | 36.0777 |
| 11/08/2019 18:00 | 36.0474 |
| 11/08/2019 19:00 | 36.1643 |
| 11/08/2019 20:00 | 36.1045 |
| 11/08/2019 21:00 | 35.9954 |
| 11/08/2019 22:00 | 36.069 |
| 11/08/2019 23:00 | 36.0494 |
| 12/08/2019 00:00 | 35.9455 |
| 12/08/2019 01:00 | 35.9996 |
| 12/08/2019 02:00 | 35.9652 |
| 12/08/2019 03:00 | 35.9809 |
| 12/08/2019 04:00 | 36.068 |
| 12/08/2019 05:00 | 36.0332 |
| 12/08/2019 06:00 | 35.9709 |
| 12/08/2019 07:00 | 36.0308 |
| 12/08/2019 08:00 | 36.0245 |
| 12/08/2019 09:00 | 35.9688 |
| 12/08/2019 10:00 | 36.013 |
| 12/08/2019 11:00 | 35.9662 |
| 12/08/2019 12:00 | 35.9848 |
| 12/08/2019 13:00 | 35.9848 |
| 12/08/2019 14:00 | 36.0035 |
| 12/08/2019 15:00 | 36.0572 |
| 12/08/2019 16:00 | 36.017 |
| 12/08/2019 17:00 | 36.0821 |
| 12/08/2019 18:00 | 36.0375 |
| 12/08/2019 19:00 | 35.9905 |
| 12/08/2019 20:00 | 36.0732 |
| 12/08/2019 21:00 | 35.9974 |
| 12/08/2019 22:00 | 35.9568 |
| 12/08/2019 23:00 | 36.0178 |
| 13/08/2019 00:00 | 35.9468 |
| 13/08/2019 01:00 | 35.8939 |
| 13/08/2019 02:00 | 36.1428 |
| 13/08/2019 03:00 | 36.0717 |
| 13/08/2019 04:00 | 36.1255 |
| 13/08/2019 05:00 | 36.024 |
| 13/08/2019 06:00 | 36.0444 |
| 13/08/2019 07:00 | 36.1087 |
| 13/08/2019 08:00 | 36.0529 |
| 13/08/2019 09:00 | 36.1028 |
| 13/08/2019 10:00 | 36.7536 |
| 13/08/2019 11:00 | 36.3881 |
| 13/08/2019 12:00 | 36.1622 |
| 13/08/2019 13:00 | 36.0823 |
| 13/08/2019 14:00 | 36.1092 |
| 13/08/2019 15:00 | 36.0731 |
| 13/08/2019 16:00 | 35.9826 |
| 13/08/2019 17:00 | 36.0804 |
| 13/08/2019 18:00 | 36.0735 |
| 13/08/2019 19:00 | 35.9213 |
| 13/08/2019 20:00 | 36.0426 |
| 13/08/2019 21:00 | 36.1158 |
| 13/08/2019 22:00 | 36.0072 |
| 13/08/2019 23:00 | 36.0707 |
| 14/08/2019 00:00 | 35.9689 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|---------------------|-----------------------------------|
| 14/08/2019 01:00 | 35.7818 |
| 14/08/2019 02:00 | 35.8112 |
| 14/08/2019 03:00 | 35.8519 |
| 14/08/2019 04:00 | 35.7704 |
| 14/08/2019 05:00 | 36.0459 |
| 14/08/2019 06:00 | 36.6019 |
| 14/08/2019 07:00 | 36.2241 |
| 14/08/2019 08:00 | 36.1342 |
| 14/08/2019 09:00 | 36.0898 |
| 14/08/2019 10:00 | 36.2675 |
| 14/08/2019 11:00 | 36.1893 |
| 14/08/2019 12:00 | 36.1845 |
| 14/08/2019 13:00 | 36.1326 |
| 14/08/2019 14:00 | 36.0155 |
| 14/08/2019 15:00 | 36.06 |
| 14/08/2019 16:00 | 36.0109 |
| 14/08/2019 17:00 | 36.0024 |
| 14/08/2019 18:00 | 36.0014 |
| 14/08/2019 19:00 | 35.9587 |
| 14/08/2019 20:00 | 35.9516 |
| 14/08/2019 21:00 | 35.8825 |
| 14/08/2019 22:00 | 35.8947 |
| 14/08/2019 23:00 | 35.7747 |
| 15/08/2019 00:00 | 35.8749 |
| 15/08/2019 01:00 | 35.9215 |
| 15/08/2019 02:00 | 35.9233 |
| 15/08/2019 03:00 | 35.9209 |
| 15/08/2019 04:00 | 35.8257 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Poder calorífico

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|---------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | X | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 39 KM-100 | 34.504 |
| 09/08/2019 | CRE 39 KM-100 | 34.2529 |
| 10/08/2019 | CRE 39 KM-100 | 34.4905 |
| 11/08/2019 | CRE 39 KM-100 | 34.1045 |
| 12/08/2019 | CRE 39 KM-100 | 34.3061 |
| 13/08/2019 | CRE 39 KM-100 | 35.1611 |
| 14/08/2019 | CRE 39 KM-100 | 35.4392 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 09:00 | 34.2308 |
| 08/08/2019 10:00 | 34.2837 |
| 08/08/2019 11:00 | 34.3381 |
| 08/08/2019 12:00 | 34.4124 |
| 08/08/2019 13:00 | 34.4934 |
| 08/08/2019 14:00 | 34.3922 |
| 08/08/2019 15:00 | 34.3325 |
| 08/08/2019 16:00 | 34.3068 |
| 08/08/2019 17:00 | 34.2587 |
| 08/08/2019 18:00 | 34.2067 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 19:00 | 34.1504 |
| 08/08/2019 20:00 | 34.1359 |
| 08/08/2019 21:00 | 34.1396 |
| 08/08/2019 22:00 | 34.1505 |
| 08/08/2019 23:00 | 34.1581 |
| 09/08/2019 00:00 | 34.1535 |
| 09/08/2019 01:00 | 34.137 |
| 09/08/2019 02:00 | 34.1077 |
| 09/08/2019 03:00 | 34.0757 |
| 09/08/2019 04:00 | 34.0505 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 05:00 | 35.8492 |
| 09/08/2019 06:00 | 35.9254 |
| 09/08/2019 07:00 | 35.8632 |
| 09/08/2019 08:00 | 35.9448 |
| 09/08/2019 09:00 | 33.9682 |
| 09/08/2019 10:00 | 33.9694 |
| 09/08/2019 11:00 | 33.9708 |
| 09/08/2019 12:00 | 34.2787 |
| 09/08/2019 13:00 | 34.2877 |
| 09/08/2019 14:00 | 34.4538 |
| 09/08/2019 15:00 | 34.6024 |
| 09/08/2019 16:00 | 34.4838 |
| 09/08/2019 17:00 | 34.2558 |
| 09/08/2019 18:00 | 34.2559 |
| 09/08/2019 19:00 | 34.2595 |
| 09/08/2019 20:00 | 34.2775 |
| 09/08/2019 21:00 | 34.2753 |
| 09/08/2019 22:00 | 34.2606 |
| 09/08/2019 23:00 | 34.2481 |
| 10/08/2019 00:00 | 34.2369 |
| 10/08/2019 01:00 | 34.2274 |
| 10/08/2019 02:00 | 34.2334 |
| 10/08/2019 03:00 | 34.2386 |
| 10/08/2019 04:00 | 34.247 |
| 10/08/2019 05:00 | 34.257 |
| 10/08/2019 06:00 | 34.2595 |
| 10/08/2019 07:00 | 34.2624 |
| 10/08/2019 08:00 | 34.2608 |
| 10/08/2019 09:00 | 34.2574 |
| 10/08/2019 10:00 | 34.2563 |
| 10/08/2019 11:00 | 34.2491 |
| 10/08/2019 12:00 | 34.2448 |
| 10/08/2019 13:00 | 34.239 |
| 10/08/2019 14:00 | 34.2334 |
| 10/08/2019 15:00 | 34.226 |
| 10/08/2019 16:00 | 34.2234 |
| 10/08/2019 17:00 | 34.2242 |
| 10/08/2019 18:00 | 34.2208 |
| 10/08/2019 19:00 | 34.2067 |
| 10/08/2019 20:00 | 34.1949 |
| 10/08/2019 21:00 | 34.1861 |
| 10/08/2019 22:00 | 34.1721 |
| 10/08/2019 23:00 | 34.1635 |
| 11/08/2019 00:00 | 34.1497 |
| 11/08/2019 01:00 | 34.1393 |
| 11/08/2019 02:00 | 34.13 |
| 11/08/2019 03:00 | 34.1214 |
| 11/08/2019 04:00 | 34.114 |
| 11/08/2019 05:00 | 35.9498 |
| 11/08/2019 06:00 | 35.9192 |
| 11/08/2019 07:00 | 35.9601 |
| 11/08/2019 08:00 | 35.9905 |
| 11/08/2019 09:00 | 34.0883 |
| 11/08/2019 10:00 | 34.0897 |
| 11/08/2019 11:00 | 34.0897 |
| 11/08/2019 12:00 | 34.0883 |
| 11/08/2019 13:00 | 34.0974 |
| 11/08/2019 14:00 | 34.0986 |
| 11/08/2019 15:00 | 34.0974 |
| 11/08/2019 16:00 | 34.1012 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 17:00 | 34.1075 |
| 11/08/2019 18:00 | 34.1112 |
| 11/08/2019 19:00 | 34.1167 |
| 11/08/2019 20:00 | 34.1175 |
| 11/08/2019 21:00 | 34.1202 |
| 11/08/2019 22:00 | 34.1155 |
| 11/08/2019 23:00 | 34.1167 |
| 12/08/2019 00:00 | 34.1118 |
| 12/08/2019 01:00 | 34.1203 |
| 12/08/2019 02:00 | 34.1095 |
| 12/08/2019 03:00 | 34.1063 |
| 12/08/2019 04:00 | 34.1022 |
| 12/08/2019 05:00 | 34.1005 |
| 12/08/2019 06:00 | 34.102 |
| 12/08/2019 07:00 | 34.0993 |
| 12/08/2019 08:00 | 34.0998 |
| 12/08/2019 09:00 | 34.1059 |
| 12/08/2019 10:00 | 34.1074 |
| 12/08/2019 11:00 | 34.0977 |
| 12/08/2019 12:00 | 34.0818 |
| 12/08/2019 13:00 | 34.0818 |
| 12/08/2019 14:00 | 34.1252 |
| 12/08/2019 15:00 | 34.1754 |
| 12/08/2019 16:00 | 34.1812 |
| 12/08/2019 17:00 | 34.1734 |
| 12/08/2019 18:00 | 34.1988 |
| 12/08/2019 19:00 | 34.2339 |
| 12/08/2019 20:00 | 34.2545 |
| 12/08/2019 21:00 | 34.2468 |
| 12/08/2019 22:00 | 34.2847 |
| 12/08/2019 23:00 | 34.3369 |
| 13/08/2019 00:00 | 34.3765 |
| 13/08/2019 01:00 | 34.4275 |
| 13/08/2019 02:00 | 34.4187 |
| 13/08/2019 03:00 | 34.4615 |
| 13/08/2019 04:00 | 34.5047 |
| 13/08/2019 05:00 | 34.5461 |
| 13/08/2019 06:00 | 34.6314 |
| 13/08/2019 07:00 | 34.614 |
| 13/08/2019 08:00 | 34.6804 |
| 13/08/2019 09:00 | 34.6952 |
| 13/08/2019 10:00 | 34.7687 |
| 13/08/2019 11:00 | 34.7991 |
| 13/08/2019 12:00 | 34.8538 |
| 13/08/2019 13:00 | 34.8632 |
| 13/08/2019 14:00 | 34.945 |
| 13/08/2019 15:00 | 34.937 |
| 13/08/2019 16:00 | 34.9479 |
| 13/08/2019 17:00 | 35.0111 |
| 13/08/2019 18:00 | 35.0947 |
| 13/08/2019 19:00 | 35.1665 |
| 13/08/2019 20:00 | 35.2163 |
| 13/08/2019 21:00 | 35.2651 |
| 13/08/2019 22:00 | 35.2984 |
| 13/08/2019 23:00 | 35.2893 |
| 14/08/2019 00:00 | 35.2851 |
| 14/08/2019 01:00 | 35.2852 |
| 14/08/2019 02:00 | 35.3448 |
| 14/08/2019 03:00 | 35.3356 |
| 14/08/2019 04:00 | 35.3758 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|---------------------|-----------------------------------|
| 14/08/2019 05:00 | 35.4256 |
| 14/08/2019 06:00 | 35.4791 |
| 14/08/2019 07:00 | 35.5349 |
| 14/08/2019 08:00 | 35.6493 |
| 14/08/2019 09:00 | 35.6706 |
| 14/08/2019 10:00 | 35.5236 |
| 14/08/2019 11:00 | 35.4854 |
| 14/08/2019 12:00 | 35.4776 |
| 14/08/2019 13:00 | 35.5244 |
| 14/08/2019 14:00 | 35.4344 |
| 14/08/2019 15:00 | 35.4382 |
| 14/08/2019 16:00 | 35.4261 |
| 14/08/2019 17:00 | 35.4236 |
| 14/08/2019 18:00 | 35.4285 |
| 14/08/2019 19:00 | 35.443 |
| 14/08/2019 20:00 | 35.4159 |
| 14/08/2019 21:00 | 35.439 |
| 14/08/2019 22:00 | 35.433 |
| 14/08/2019 23:00 | 35.4006 |
| 15/08/2019 00:00 | 35.399 |
| 15/08/2019 01:00 | 35.4271 |
| 15/08/2019 02:00 | 35.3935 |
| 15/08/2019 03:00 | 35.4192 |
| 15/08/2019 04:00 | 35.4021 |
| 15/08/2019 05:00 | 35.3924 |
| 15/08/2019 06:00 | 35.4025 |
| 15/08/2019 07:00 | 35.3756 |
| 15/08/2019 08:00 | 35.3659 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Poder calorífico

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|--|------------------------------|---|---|--|---|--|---|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | X | | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 40 CPG Nuevo Pemex | 34.2072 |
| 09/08/2019 | CRE 40 CPG Nuevo Pemex | 34.2095 |
| 10/08/2019 | CRE 40 CPG Nuevo Pemex | 34.2081 |
| 11/08/2019 | CRE 40 CPG Nuevo Pemex | 34.1043 |
| 12/08/2019 | CRE 40 CPG Nuevo Pemex | 34.22 |
| 13/08/2019 | CRE 40 CPG Nuevo Pemex | 35.0104 |
| 14/08/2019 | CRE 40 CPG Nuevo Pemex | 35.4621 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 05:00 | 34.0511 |
| 08/08/2019 06:00 | 34.0888 |
| 08/08/2019 07:00 | 34.133 |
| 08/08/2019 08:00 | 34.1821 |
| 08/08/2019 09:00 | 34.2309 |
| 08/08/2019 10:00 | 34.2839 |
| 08/08/2019 11:00 | 34.3382 |
| 08/08/2019 12:00 | 34.4125 |
| 08/08/2019 13:00 | 34.4936 |
| 08/08/2019 14:00 | 34.3923 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 08/08/2019 15:00 | 34.3326 |
| 08/08/2019 16:00 | 34.307 |
| 08/08/2019 17:00 | 34.2589 |
| 08/08/2019 18:00 | 34.2069 |
| 08/08/2019 19:00 | 34.1506 |
| 08/08/2019 20:00 | 34.136 |
| 08/08/2019 21:00 | 34.1398 |
| 08/08/2019 22:00 | 34.1506 |
| 08/08/2019 23:00 | 34.1583 |
| 09/08/2019 00:00 | 34.1537 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 09/08/2019 01:00 | 34.1371 |
| 09/08/2019 02:00 | 34.1078 |
| 09/08/2019 03:00 | 34.0758 |
| 09/08/2019 04:00 | 34.0506 |
| 09/08/2019 05:00 | 34.0311 |
| 09/08/2019 06:00 | 34.0082 |
| 09/08/2019 07:00 | 33.9842 |
| 09/08/2019 08:00 | 33.9717 |
| 09/08/2019 09:00 | 33.9684 |
| 09/08/2019 10:00 | 33.9696 |
| 09/08/2019 11:00 | 33.971 |
| 09/08/2019 12:00 | 34.2788 |
| 09/08/2019 13:00 | 34.2879 |
| 09/08/2019 14:00 | 34.4539 |
| 09/08/2019 15:00 | 34.6025 |
| 09/08/2019 16:00 | 34.4839 |
| 09/08/2019 17:00 | 34.2559 |
| 09/08/2019 18:00 | 34.256 |
| 09/08/2019 19:00 | 34.2596 |
| 09/08/2019 20:00 | 34.2776 |
| 09/08/2019 21:00 | 34.2754 |
| 09/08/2019 22:00 | 34.2607 |
| 09/08/2019 23:00 | 34.2482 |
| 10/08/2019 00:00 | 34.237 |
| 10/08/2019 01:00 | 34.2275 |
| 10/08/2019 02:00 | 34.2335 |
| 10/08/2019 03:00 | 34.2387 |
| 10/08/2019 04:00 | 34.2471 |
| 10/08/2019 05:00 | 34.2571 |
| 10/08/2019 06:00 | 34.2597 |
| 10/08/2019 07:00 | 34.2625 |
| 10/08/2019 08:00 | 34.2609 |
| 10/08/2019 09:00 | 34.2575 |
| 10/08/2019 10:00 | 34.2564 |
| 10/08/2019 11:00 | 34.2493 |
| 10/08/2019 12:00 | 34.2449 |
| 10/08/2019 13:00 | 34.2391 |
| 10/08/2019 14:00 | 34.2335 |
| 10/08/2019 15:00 | 34.2262 |
| 10/08/2019 16:00 | 34.2235 |
| 10/08/2019 17:00 | 34.2243 |
| 10/08/2019 18:00 | 34.2209 |
| 10/08/2019 19:00 | 34.2068 |
| 10/08/2019 20:00 | 34.1951 |
| 10/08/2019 21:00 | 34.1862 |
| 10/08/2019 22:00 | 34.1723 |
| 10/08/2019 23:00 | 34.1636 |
| 11/08/2019 00:00 | 34.1499 |
| 11/08/2019 01:00 | 34.1394 |
| 11/08/2019 02:00 | 34.1301 |
| 11/08/2019 03:00 | 34.1216 |
| 11/08/2019 04:00 | 34.1141 |
| 11/08/2019 05:00 | 34.1113 |
| 11/08/2019 06:00 | 34.0962 |
| 11/08/2019 07:00 | 34.0973 |
| 11/08/2019 08:00 | 34.0897 |
| 11/08/2019 09:00 | 34.0885 |
| 11/08/2019 10:00 | 34.0899 |
| 11/08/2019 11:00 | 34.0899 |
| 11/08/2019 12:00 | 34.0885 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|------------------|----------------------------|
| 11/08/2019 13:00 | 34.0976 |
| 11/08/2019 14:00 | 34.0988 |
| 11/08/2019 15:00 | 34.0976 |
| 11/08/2019 16:00 | 34.1014 |
| 11/08/2019 17:00 | 34.1077 |
| 11/08/2019 18:00 | 34.1114 |
| 11/08/2019 19:00 | 34.1168 |
| 11/08/2019 20:00 | 34.1176 |
| 11/08/2019 21:00 | 34.1204 |
| 11/08/2019 22:00 | 34.1156 |
| 11/08/2019 23:00 | 34.1168 |
| 12/08/2019 00:00 | 34.1119 |
| 12/08/2019 01:00 | 34.1204 |
| 12/08/2019 02:00 | 34.1096 |
| 12/08/2019 03:00 | 34.1064 |
| 12/08/2019 04:00 | 34.1023 |
| 12/08/2019 05:00 | 34.1007 |
| 12/08/2019 06:00 | 34.1021 |
| 12/08/2019 07:00 | 34.0994 |
| 12/08/2019 08:00 | 34.1 |
| 12/08/2019 09:00 | 34.106 |
| 12/08/2019 10:00 | 34.1076 |
| 12/08/2019 11:00 | 34.0979 |
| 12/08/2019 12:00 | 34.082 |
| 12/08/2019 13:00 | 34.082 |
| 12/08/2019 14:00 | 34.1253 |
| 12/08/2019 15:00 | 34.1755 |
| 12/08/2019 16:00 | 34.1813 |
| 12/08/2019 17:00 | 34.1735 |
| 12/08/2019 18:00 | 34.1989 |
| 12/08/2019 19:00 | 34.2341 |
| 12/08/2019 20:00 | 34.2547 |
| 12/08/2019 21:00 | 34.2469 |
| 12/08/2019 22:00 | 34.2848 |
| 12/08/2019 23:00 | 34.337 |
| 13/08/2019 00:00 | 34.3766 |
| 13/08/2019 01:00 | 34.4276 |
| 13/08/2019 02:00 | 34.4188 |
| 13/08/2019 03:00 | 34.4616 |
| 13/08/2019 04:00 | 34.5047 |
| 13/08/2019 05:00 | 34.5461 |
| 13/08/2019 06:00 | 34.6314 |
| 13/08/2019 07:00 | 34.6141 |
| 13/08/2019 08:00 | 34.6805 |
| 13/08/2019 09:00 | 34.6952 |
| 13/08/2019 10:00 | 34.7687 |
| 13/08/2019 11:00 | 34.7992 |
| 13/08/2019 12:00 | 34.8538 |
| 13/08/2019 13:00 | 34.8632 |
| 13/08/2019 14:00 | 34.945 |
| 13/08/2019 15:00 | 34.937 |
| 13/08/2019 16:00 | 34.9479 |
| 13/08/2019 17:00 | 35.0111 |
| 13/08/2019 18:00 | 35.0947 |
| 13/08/2019 19:00 | 35.1665 |
| 13/08/2019 20:00 | 35.2162 |
| 13/08/2019 21:00 | 35.2651 |
| 13/08/2019 22:00 | 35.2983 |
| 13/08/2019 23:00 | 35.2892 |
| 14/08/2019 00:00 | 35.285 |

| Fecha y Hora | Poder calorífico Prom/Hora |
|---------------------|-----------------------------------|
| 14/08/2019 01:00 | 35.2851 |
| 14/08/2019 02:00 | 35.3447 |
| 14/08/2019 03:00 | 35.3355 |
| 14/08/2019 04:00 | 35.3757 |
| 14/08/2019 05:00 | 35.4255 |
| 14/08/2019 06:00 | 35.479 |
| 14/08/2019 07:00 | 35.5347 |
| 14/08/2019 08:00 | 35.6491 |
| 14/08/2019 09:00 | 35.6704 |
| 14/08/2019 10:00 | 35.5235 |
| 14/08/2019 11:00 | 35.4852 |
| 14/08/2019 12:00 | 35.4774 |
| 14/08/2019 13:00 | 35.5242 |
| 14/08/2019 14:00 | 35.4342 |
| 14/08/2019 15:00 | 35.438 |
| 14/08/2019 16:00 | 35.4259 |
| 14/08/2019 17:00 | 35.4235 |
| 14/08/2019 18:00 | 35.4284 |
| 14/08/2019 19:00 | 35.4428 |
| 14/08/2019 20:00 | 35.4157 |
| 14/08/2019 21:00 | 35.4388 |
| 14/08/2019 22:00 | 35.4329 |
| 14/08/2019 23:00 | 35.4005 |
| 15/08/2019 00:00 | 35.3988 |
| 15/08/2019 01:00 | 35.427 |
| 15/08/2019 02:00 | 35.3933 |
| 15/08/2019 03:00 | 35.419 |
| 15/08/2019 04:00 | 35.402 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Índice Wobbe

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|--|------------------------------|---|---|--|---|--|---|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | X | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 35 Troncal 48" | 43.8661 |
| 09/08/2019 | CRE 35 Troncal 48" | 43.8591 |
| 10/08/2019 | CRE 35 Troncal 48" | 43.7312 |
| 11/08/2019 | CRE 35 Troncal 48" | 43.7996 |
| 12/08/2019 | CRE 35 Troncal 48" | 43.9077 |
| 13/08/2019 | CRE 35 Troncal 48" | 44.7586 |
| 14/08/2019 | CRE 35 Troncal 48" | 45.0102 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 09:00 | 43.9014 |
| 08/08/2019 10:00 | 43.9424 |
| 08/08/2019 11:00 | 43.998 |
| 08/08/2019 12:00 | 44.1383 |
| 08/08/2019 13:00 | 44.2549 |
| 08/08/2019 14:00 | 44.1361 |
| 08/08/2019 15:00 | 44.0302 |
| 08/08/2019 16:00 | 43.9785 |
| 08/08/2019 17:00 | 43.9231 |
| 08/08/2019 18:00 | 43.8797 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 19:00 | 43.7456 |
| 08/08/2019 20:00 | 43.7661 |
| 08/08/2019 21:00 | 43.7384 |
| 08/08/2019 22:00 | 43.7673 |
| 08/08/2019 23:00 | 43.7846 |
| 09/08/2019 00:00 | 43.7555 |
| 09/08/2019 01:00 | 43.794 |
| 09/08/2019 02:00 | 43.7454 |
| 09/08/2019 03:00 | 43.7212 |
| 09/08/2019 04:00 | 43.6863 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 09/08/2019 05:00 | 43.7116 |
| 09/08/2019 06:00 | 43.7489 |
| 09/08/2019 07:00 | 43.7916 |
| 09/08/2019 08:00 | 43.8512 |
| 09/08/2019 09:00 | 43.5648 |
| 09/08/2019 10:00 | 43.5715 |
| 09/08/2019 11:00 | 43.5955 |
| 09/08/2019 12:00 | 43.9407 |
| 09/08/2019 13:00 | 44.032 |
| 09/08/2019 14:00 | 44.1546 |
| 09/08/2019 15:00 | 44.3063 |
| 09/08/2019 16:00 | 44.1795 |
| 09/08/2019 17:00 | 43.9423 |
| 09/08/2019 18:00 | 43.9507 |
| 09/08/2019 19:00 | 43.9001 |
| 09/08/2019 20:00 | 43.9229 |
| 09/08/2019 21:00 | 43.901 |
| 09/08/2019 22:00 | 43.9255 |
| 09/08/2019 23:00 | 43.9301 |
| 10/08/2019 00:00 | 43.8406 |
| 10/08/2019 01:00 | 43.8379 |
| 10/08/2019 02:00 | 43.8951 |
| 10/08/2019 03:00 | 43.8909 |
| 10/08/2019 04:00 | 43.8374 |
| 10/08/2019 05:00 | 43.6364 |
| 10/08/2019 06:00 | 43.6504 |
| 10/08/2019 07:00 | 43.5964 |
| 10/08/2019 08:00 | 43.6217 |
| 10/08/2019 09:00 | 43.7278 |
| 10/08/2019 10:00 | 43.6745 |
| 10/08/2019 11:00 | 43.7277 |
| 10/08/2019 12:00 | 43.7479 |
| 10/08/2019 13:00 | 43.7277 |
| 10/08/2019 14:00 | 43.7283 |
| 10/08/2019 15:00 | 43.6939 |
| 10/08/2019 16:00 | 43.7056 |
| 10/08/2019 17:00 | 43.7626 |
| 10/08/2019 18:00 | 43.76 |
| 10/08/2019 19:00 | 43.7225 |
| 10/08/2019 20:00 | 43.7411 |
| 10/08/2019 21:00 | 43.7752 |
| 10/08/2019 22:00 | 43.7484 |
| 10/08/2019 23:00 | 43.7799 |
| 11/08/2019 00:00 | 43.771 |
| 11/08/2019 01:00 | 43.7401 |
| 11/08/2019 02:00 | 43.73 |
| 11/08/2019 03:00 | 43.7198 |
| 11/08/2019 04:00 | 43.7469 |
| 11/08/2019 05:00 | 43.7429 |
| 11/08/2019 06:00 | 43.7071 |
| 11/08/2019 07:00 | 43.688 |
| 11/08/2019 08:00 | 43.68 |
| 11/08/2019 09:00 | 43.7706 |
| 11/08/2019 10:00 | 43.7481 |
| 11/08/2019 11:00 | 43.7481 |
| 11/08/2019 12:00 | 43.7706 |
| 11/08/2019 13:00 | 43.8218 |
| 11/08/2019 14:00 | 43.8624 |
| 11/08/2019 15:00 | 43.8218 |
| 11/08/2019 16:00 | 43.8395 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 11/08/2019 17:00 | 43.8129 |
| 11/08/2019 18:00 | 43.8004 |
| 11/08/2019 19:00 | 43.8535 |
| 11/08/2019 20:00 | 43.8254 |
| 11/08/2019 21:00 | 43.7775 |
| 11/08/2019 22:00 | 43.816 |
| 11/08/2019 23:00 | 43.8133 |
| 12/08/2019 00:00 | 43.7593 |
| 12/08/2019 01:00 | 43.7909 |
| 12/08/2019 02:00 | 43.7693 |
| 12/08/2019 03:00 | 43.7704 |
| 12/08/2019 04:00 | 43.8064 |
| 12/08/2019 05:00 | 43.8086 |
| 12/08/2019 06:00 | 43.7847 |
| 12/08/2019 07:00 | 43.8074 |
| 12/08/2019 08:00 | 43.8121 |
| 12/08/2019 09:00 | 43.7613 |
| 12/08/2019 10:00 | 43.7835 |
| 12/08/2019 11:00 | 43.7502 |
| 12/08/2019 12:00 | 43.7513 |
| 12/08/2019 13:00 | 43.7513 |
| 12/08/2019 14:00 | 43.7898 |
| 12/08/2019 15:00 | 43.8595 |
| 12/08/2019 16:00 | 43.8515 |
| 12/08/2019 17:00 | 43.8706 |
| 12/08/2019 18:00 | 43.8789 |
| 12/08/2019 19:00 | 43.8994 |
| 12/08/2019 20:00 | 43.97 |
| 12/08/2019 21:00 | 43.9309 |
| 12/08/2019 22:00 | 43.9507 |
| 12/08/2019 23:00 | 44.0418 |
| 13/08/2019 00:00 | 44.0525 |
| 13/08/2019 01:00 | 44.0885 |
| 13/08/2019 02:00 | 44.1901 |
| 13/08/2019 03:00 | 44.2083 |
| 13/08/2019 04:00 | 44.2831 |
| 13/08/2019 05:00 | 43.7879 |
| 13/08/2019 06:00 | 43.7615 |
| 13/08/2019 07:00 | 43.7892 |
| 13/08/2019 08:00 | 43.7849 |
| 13/08/2019 09:00 | 44.4958 |
| 13/08/2019 10:00 | 44.7239 |
| 13/08/2019 11:00 | 44.6831 |
| 13/08/2019 12:00 | 44.7047 |
| 13/08/2019 13:00 | 44.6999 |
| 13/08/2019 14:00 | 44.7833 |
| 13/08/2019 15:00 | 44.7724 |
| 13/08/2019 16:00 | 44.7345 |
| 13/08/2019 17:00 | 44.8334 |
| 13/08/2019 18:00 | 44.9064 |
| 13/08/2019 19:00 | 44.8836 |
| 13/08/2019 20:00 | 44.9718 |
| 13/08/2019 21:00 | 45.0381 |
| 13/08/2019 22:00 | 45.0011 |
| 13/08/2019 23:00 | 44.9916 |
| 14/08/2019 00:00 | 44.9198 |
| 14/08/2019 01:00 | 44.8148 |
| 14/08/2019 02:00 | 44.8955 |
| 14/08/2019 03:00 | 44.9045 |
| 14/08/2019 04:00 | 44.9057 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|---------------------|-------------------------------|
| 14/08/2019 05:00 | 44.2857 |
| 14/08/2019 06:00 | 44.3921 |
| 14/08/2019 07:00 | 44.4084 |
| 14/08/2019 08:00 | 44.4573 |
| 14/08/2019 09:00 | 45.268 |
| 14/08/2019 10:00 | 45.2046 |
| 14/08/2019 11:00 | 45.1247 |
| 14/08/2019 12:00 | 45.1173 |
| 14/08/2019 13:00 | 45.1065 |
| 14/08/2019 14:00 | 44.9431 |
| 14/08/2019 15:00 | 44.9827 |
| 14/08/2019 16:00 | 44.9533 |
| 14/08/2019 17:00 | 44.9577 |
| 14/08/2019 18:00 | 44.9602 |
| 14/08/2019 19:00 | 44.9591 |
| 14/08/2019 20:00 | 44.934 |
| 14/08/2019 21:00 | 44.9282 |
| 14/08/2019 22:00 | 44.9251 |
| 14/08/2019 23:00 | 44.8455 |
| 15/08/2019 00:00 | 44.8463 |
| 15/08/2019 01:00 | 44.9113 |
| 15/08/2019 02:00 | 44.8681 |
| 15/08/2019 03:00 | 44.8998 |
| 15/08/2019 04:00 | 44.8399 |
| 15/08/2019 05:00 | 45.0113 |
| 15/08/2019 06:00 | 45.1917 |
| 15/08/2019 07:00 | 45.175 |
| 15/08/2019 08:00 | 45.2924 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Índice Wobbe

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|--|------------------------------|---|---|--|---|--|---|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | X | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 38 CPG Cactus | 45.6759 |
| 09/08/2019 | CRE 38 CPG Cactus | 45.6707 |
| 10/08/2019 | CRE 38 CPG Cactus | 45.6784 |
| 11/08/2019 | CRE 38 CPG Cactus | 45.9153 |
| 12/08/2019 | CRE 38 CPG Cactus | 45.8953 |
| 13/08/2019 | CRE 38 CPG Cactus | 46.0228 |
| 14/08/2019 | CRE 38 CPG Cactus | 45.8428 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 05:00 | 45.7197 |
| 08/08/2019 06:00 | 45.7156 |
| 08/08/2019 07:00 | 45.7091 |
| 08/08/2019 08:00 | 45.7348 |
| 08/08/2019 09:00 | 45.74 |
| 08/08/2019 10:00 | 45.6758 |
| 08/08/2019 11:00 | 45.6657 |
| 08/08/2019 12:00 | 45.855 |
| 08/08/2019 13:00 | 45.8103 |
| 08/08/2019 14:00 | 45.7942 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 15:00 | 45.6649 |
| 08/08/2019 16:00 | 45.5999 |
| 08/08/2019 17:00 | 45.6159 |
| 08/08/2019 18:00 | 45.6817 |
| 08/08/2019 19:00 | 45.4547 |
| 08/08/2019 20:00 | 45.593 |
| 08/08/2019 21:00 | 45.5001 |
| 08/08/2019 22:00 | 45.5682 |
| 08/08/2019 23:00 | 45.6127 |
| 09/08/2019 00:00 | 45.5365 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 09/08/2019 01:00 | 45.754 |
| 09/08/2019 02:00 | 45.7127 |
| 09/08/2019 03:00 | 45.7644 |
| 09/08/2019 04:00 | 45.7445 |
| 09/08/2019 05:00 | 45.6507 |
| 09/08/2019 06:00 | 45.7876 |
| 09/08/2019 07:00 | 45.6867 |
| 09/08/2019 08:00 | 45.8209 |
| 09/08/2019 09:00 | 45.6245 |
| 09/08/2019 10:00 | 45.6357 |
| 09/08/2019 11:00 | 45.6925 |
| 09/08/2019 12:00 | 45.6068 |
| 09/08/2019 13:00 | 45.7371 |
| 09/08/2019 14:00 | 45.658 |
| 09/08/2019 15:00 | 45.648 |
| 09/08/2019 16:00 | 45.6327 |
| 09/08/2019 17:00 | 45.6957 |
| 09/08/2019 18:00 | 45.7836 |
| 09/08/2019 19:00 | 45.6049 |
| 09/08/2019 20:00 | 45.6389 |
| 09/08/2019 21:00 | 45.581 |
| 09/08/2019 22:00 | 45.7124 |
| 09/08/2019 23:00 | 45.7849 |
| 10/08/2019 00:00 | 45.529 |
| 10/08/2019 01:00 | 45.567 |
| 10/08/2019 02:00 | 45.7593 |
| 10/08/2019 03:00 | 45.7335 |
| 10/08/2019 04:00 | 45.5265 |
| 10/08/2019 05:00 | 45.6108 |
| 10/08/2019 06:00 | 45.5334 |
| 10/08/2019 07:00 | 45.4722 |
| 10/08/2019 08:00 | 45.4662 |
| 10/08/2019 09:00 | 45.6408 |
| 10/08/2019 10:00 | 45.4541 |
| 10/08/2019 11:00 | 45.637 |
| 10/08/2019 12:00 | 45.7057 |
| 10/08/2019 13:00 | 45.6604 |
| 10/08/2019 14:00 | 45.6526 |
| 10/08/2019 15:00 | 45.5468 |
| 10/08/2019 16:00 | 45.585 |
| 10/08/2019 17:00 | 45.7789 |
| 10/08/2019 18:00 | 45.7687 |
| 10/08/2019 19:00 | 45.6487 |
| 10/08/2019 20:00 | 45.7195 |
| 10/08/2019 21:00 | 45.8425 |
| 10/08/2019 22:00 | 45.7652 |
| 10/08/2019 23:00 | 45.8762 |
| 11/08/2019 00:00 | 45.8652 |
| 11/08/2019 01:00 | 45.7503 |
| 11/08/2019 02:00 | 45.7472 |
| 11/08/2019 03:00 | 45.7261 |
| 11/08/2019 04:00 | 45.83 |
| 11/08/2019 05:00 | 45.8354 |
| 11/08/2019 06:00 | 45.8023 |
| 11/08/2019 07:00 | 45.8812 |
| 11/08/2019 08:00 | 45.9264 |
| 11/08/2019 09:00 | 45.7881 |
| 11/08/2019 10:00 | 45.7103 |
| 11/08/2019 11:00 | 45.7103 |
| 11/08/2019 12:00 | 45.7881 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 11/08/2019 13:00 | 45.9841 |
| 11/08/2019 14:00 | 46.1168 |
| 11/08/2019 15:00 | 45.9841 |
| 11/08/2019 16:00 | 46.0505 |
| 11/08/2019 17:00 | 45.9499 |
| 11/08/2019 18:00 | 45.9047 |
| 11/08/2019 19:00 | 46.0984 |
| 11/08/2019 20:00 | 46.0139 |
| 11/08/2019 21:00 | 45.8511 |
| 11/08/2019 22:00 | 45.9969 |
| 11/08/2019 23:00 | 45.9857 |
| 12/08/2019 00:00 | 45.8264 |
| 12/08/2019 01:00 | 45.9336 |
| 12/08/2019 02:00 | 45.8869 |
| 12/08/2019 03:00 | 45.9029 |
| 12/08/2019 04:00 | 46.0405 |
| 12/08/2019 05:00 | 45.9777 |
| 12/08/2019 06:00 | 45.8783 |
| 12/08/2019 07:00 | 45.9809 |
| 12/08/2019 08:00 | 45.9657 |
| 12/08/2019 09:00 | 45.8606 |
| 12/08/2019 10:00 | 45.9281 |
| 12/08/2019 11:00 | 45.8215 |
| 12/08/2019 12:00 | 45.8526 |
| 12/08/2019 13:00 | 45.8526 |
| 12/08/2019 14:00 | 45.8612 |
| 12/08/2019 15:00 | 45.915 |
| 12/08/2019 16:00 | 45.8554 |
| 12/08/2019 17:00 | 45.9604 |
| 12/08/2019 18:00 | 45.8804 |
| 12/08/2019 19:00 | 45.8123 |
| 12/08/2019 20:00 | 45.972 |
| 12/08/2019 21:00 | 45.8707 |
| 12/08/2019 22:00 | 45.7852 |
| 12/08/2019 23:00 | 45.8904 |
| 13/08/2019 00:00 | 45.7691 |
| 13/08/2019 01:00 | 45.6872 |
| 13/08/2019 02:00 | 46.0813 |
| 13/08/2019 03:00 | 45.9724 |
| 13/08/2019 04:00 | 46.0572 |
| 13/08/2019 05:00 | 45.9033 |
| 13/08/2019 06:00 | 45.9394 |
| 13/08/2019 07:00 | 46.0552 |
| 13/08/2019 08:00 | 45.9635 |
| 13/08/2019 09:00 | 46.0392 |
| 13/08/2019 10:00 | 46.5172 |
| 13/08/2019 11:00 | 46.2824 |
| 13/08/2019 12:00 | 46.1636 |
| 13/08/2019 13:00 | 46.1265 |
| 13/08/2019 14:00 | 46.1253 |
| 13/08/2019 15:00 | 46.1358 |
| 13/08/2019 16:00 | 45.9788 |
| 13/08/2019 17:00 | 46.1199 |
| 13/08/2019 18:00 | 46.1278 |
| 13/08/2019 19:00 | 45.8677 |
| 13/08/2019 20:00 | 46.0703 |
| 13/08/2019 21:00 | 46.1847 |
| 13/08/2019 22:00 | 46.0047 |
| 13/08/2019 23:00 | 46.1098 |
| 14/08/2019 00:00 | 45.9443 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|---------------------|-------------------------------|
| 14/08/2019 01:00 | 45.6434 |
| 14/08/2019 02:00 | 45.7288 |
| 14/08/2019 03:00 | 45.8206 |
| 14/08/2019 04:00 | 45.6929 |
| 14/08/2019 05:00 | 45.857 |
| 14/08/2019 06:00 | 46.2642 |
| 14/08/2019 07:00 | 45.993 |
| 14/08/2019 08:00 | 45.9854 |
| 14/08/2019 09:00 | 45.9221 |
| 14/08/2019 10:00 | 46.193 |
| 14/08/2019 11:00 | 46.0423 |
| 14/08/2019 12:00 | 46.0277 |
| 14/08/2019 13:00 | 45.9949 |
| 14/08/2019 14:00 | 45.8404 |
| 14/08/2019 15:00 | 45.9412 |
| 14/08/2019 16:00 | 45.8709 |
| 14/08/2019 17:00 | 45.8827 |
| 14/08/2019 18:00 | 45.8621 |
| 14/08/2019 19:00 | 45.793 |
| 14/08/2019 20:00 | 45.8162 |
| 14/08/2019 21:00 | 45.7061 |
| 14/08/2019 22:00 | 45.7122 |
| 14/08/2019 23:00 | 45.5483 |
| 15/08/2019 00:00 | 45.5445 |
| 15/08/2019 01:00 | 45.6504 |
| 15/08/2019 02:00 | 45.6328 |
| 15/08/2019 03:00 | 45.6378 |
| 15/08/2019 04:00 | 45.5098 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Índice Wobbe

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|--|------------------------------|---|---|--|---|--|---|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | X | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 39 KM-100 | 43.5873 |
| 09/08/2019 | CRE 39 KM-100 | 43.192 |
| 10/08/2019 | CRE 39 KM-100 | 43.5411 |
| 11/08/2019 | CRE 39 KM-100 | 42.9319 |
| 12/08/2019 | CRE 39 KM-100 | 43.2445 |
| 13/08/2019 | CRE 39 KM-100 | 44.4343 |
| 14/08/2019 | CRE 39 KM-100 | 44.6388 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 09:00 | 43.1598 |
| 08/08/2019 10:00 | 43.2399 |
| 08/08/2019 11:00 | 43.3228 |
| 08/08/2019 12:00 | 43.4434 |
| 08/08/2019 13:00 | 43.6261 |
| 08/08/2019 14:00 | 43.4644 |
| 08/08/2019 15:00 | 43.3671 |
| 08/08/2019 16:00 | 43.3208 |
| 08/08/2019 17:00 | 43.2386 |
| 08/08/2019 18:00 | 43.1484 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 19:00 | 43.0534 |
| 08/08/2019 20:00 | 43.0256 |
| 08/08/2019 21:00 | 43.0247 |
| 08/08/2019 22:00 | 43.0377 |
| 08/08/2019 23:00 | 43.0449 |
| 09/08/2019 00:00 | 43.0338 |
| 09/08/2019 01:00 | 43.0005 |
| 09/08/2019 02:00 | 42.9487 |
| 09/08/2019 03:00 | 42.8949 |
| 09/08/2019 04:00 | 42.8544 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 09/08/2019 05:00 | 45.6508 |
| 09/08/2019 06:00 | 45.7878 |
| 09/08/2019 07:00 | 45.6869 |
| 09/08/2019 08:00 | 45.8211 |
| 09/08/2019 09:00 | 42.7302 |
| 09/08/2019 10:00 | 42.7364 |
| 09/08/2019 11:00 | 42.7463 |
| 09/08/2019 12:00 | 43.2657 |
| 09/08/2019 13:00 | 43.3408 |
| 09/08/2019 14:00 | 43.5462 |
| 09/08/2019 15:00 | 43.7651 |
| 09/08/2019 16:00 | 43.5911 |
| 09/08/2019 17:00 | 43.2307 |
| 09/08/2019 18:00 | 43.2087 |
| 09/08/2019 19:00 | 43.2082 |
| 09/08/2019 20:00 | 43.2317 |
| 09/08/2019 21:00 | 43.2248 |
| 09/08/2019 22:00 | 43.2041 |
| 09/08/2019 23:00 | 43.182 |
| 10/08/2019 00:00 | 43.1605 |
| 10/08/2019 01:00 | 43.1405 |
| 10/08/2019 02:00 | 43.143 |
| 10/08/2019 03:00 | 43.1473 |
| 10/08/2019 04:00 | 43.1558 |
| 10/08/2019 05:00 | 43.1651 |
| 10/08/2019 06:00 | 43.1654 |
| 10/08/2019 07:00 | 43.1665 |
| 10/08/2019 08:00 | 43.1598 |
| 10/08/2019 09:00 | 43.1537 |
| 10/08/2019 10:00 | 43.1484 |
| 10/08/2019 11:00 | 43.1386 |
| 10/08/2019 12:00 | 43.1322 |
| 10/08/2019 13:00 | 43.1249 |
| 10/08/2019 14:00 | 43.1179 |
| 10/08/2019 15:00 | 43.111 |
| 10/08/2019 16:00 | 43.108 |
| 10/08/2019 17:00 | 43.1086 |
| 10/08/2019 18:00 | 43.1058 |
| 10/08/2019 19:00 | 43.0916 |
| 10/08/2019 20:00 | 43.0807 |
| 10/08/2019 21:00 | 43.0732 |
| 10/08/2019 22:00 | 43.0593 |
| 10/08/2019 23:00 | 43.0513 |
| 11/08/2019 00:00 | 43.0348 |
| 11/08/2019 01:00 | 43.0229 |
| 11/08/2019 02:00 | 43.0113 |
| 11/08/2019 03:00 | 43.001 |
| 11/08/2019 04:00 | 42.9908 |
| 11/08/2019 05:00 | 45.8356 |
| 11/08/2019 06:00 | 45.8024 |
| 11/08/2019 07:00 | 45.8814 |
| 11/08/2019 08:00 | 45.9266 |
| 11/08/2019 09:00 | 42.9531 |
| 11/08/2019 10:00 | 42.9541 |
| 11/08/2019 11:00 | 42.9541 |
| 11/08/2019 12:00 | 42.9531 |
| 11/08/2019 13:00 | 42.9434 |
| 11/08/2019 14:00 | 42.9467 |
| 11/08/2019 15:00 | 42.9434 |
| 11/08/2019 16:00 | 42.9448 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 11/08/2019 17:00 | 42.9463 |
| 11/08/2019 18:00 | 42.9457 |
| 11/08/2019 19:00 | 42.9433 |
| 11/08/2019 20:00 | 42.9394 |
| 11/08/2019 21:00 | 42.9381 |
| 11/08/2019 22:00 | 42.9323 |
| 11/08/2019 23:00 | 42.933 |
| 12/08/2019 00:00 | 42.9234 |
| 12/08/2019 01:00 | 42.9274 |
| 12/08/2019 02:00 | 42.914 |
| 12/08/2019 03:00 | 42.9089 |
| 12/08/2019 04:00 | 42.9045 |
| 12/08/2019 05:00 | 42.9034 |
| 12/08/2019 06:00 | 42.9059 |
| 12/08/2019 07:00 | 42.9038 |
| 12/08/2019 08:00 | 42.905 |
| 12/08/2019 09:00 | 42.9144 |
| 12/08/2019 10:00 | 42.9167 |
| 12/08/2019 11:00 | 42.9116 |
| 12/08/2019 12:00 | 42.9011 |
| 12/08/2019 13:00 | 42.9011 |
| 12/08/2019 14:00 | 42.9528 |
| 12/08/2019 15:00 | 43.0272 |
| 12/08/2019 16:00 | 43.0379 |
| 12/08/2019 17:00 | 43.0249 |
| 12/08/2019 18:00 | 43.0663 |
| 12/08/2019 19:00 | 43.1255 |
| 12/08/2019 20:00 | 43.1587 |
| 12/08/2019 21:00 | 43.1474 |
| 12/08/2019 22:00 | 43.2097 |
| 12/08/2019 23:00 | 43.2948 |
| 13/08/2019 00:00 | 43.3597 |
| 13/08/2019 01:00 | 43.442 |
| 13/08/2019 02:00 | 43.427 |
| 13/08/2019 03:00 | 43.4961 |
| 13/08/2019 04:00 | 43.5663 |
| 13/08/2019 05:00 | 43.6333 |
| 13/08/2019 06:00 | 43.7705 |
| 13/08/2019 07:00 | 43.7444 |
| 13/08/2019 08:00 | 43.8505 |
| 13/08/2019 09:00 | 43.8746 |
| 13/08/2019 10:00 | 43.992 |
| 13/08/2019 11:00 | 44.0348 |
| 13/08/2019 12:00 | 44.118 |
| 13/08/2019 13:00 | 44.1278 |
| 13/08/2019 14:00 | 44.2475 |
| 13/08/2019 15:00 | 44.2255 |
| 13/08/2019 16:00 | 44.2376 |
| 13/08/2019 17:00 | 44.3196 |
| 13/08/2019 18:00 | 44.42 |
| 13/08/2019 19:00 | 44.4934 |
| 13/08/2019 20:00 | 44.5358 |
| 13/08/2019 21:00 | 44.584 |
| 13/08/2019 22:00 | 44.6043 |
| 13/08/2019 23:00 | 44.5512 |
| 14/08/2019 00:00 | 44.5162 |
| 14/08/2019 01:00 | 44.4928 |
| 14/08/2019 02:00 | 44.5734 |
| 14/08/2019 03:00 | 44.5467 |
| 14/08/2019 04:00 | 44.6009 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|---------------------|-------------------------------|
| 14/08/2019 05:00 | 44.6796 |
| 14/08/2019 06:00 | 44.764 |
| 14/08/2019 07:00 | 44.8532 |
| 14/08/2019 08:00 | 45.0241 |
| 14/08/2019 09:00 | 45.0161 |
| 14/08/2019 10:00 | 44.8158 |
| 14/08/2019 11:00 | 44.7649 |
| 14/08/2019 12:00 | 44.7595 |
| 14/08/2019 13:00 | 44.7575 |
| 14/08/2019 14:00 | 44.5916 |
| 14/08/2019 15:00 | 44.6048 |
| 14/08/2019 16:00 | 44.5931 |
| 14/08/2019 17:00 | 44.5971 |
| 14/08/2019 18:00 | 44.6087 |
| 14/08/2019 19:00 | 44.6315 |
| 14/08/2019 20:00 | 44.5907 |
| 14/08/2019 21:00 | 44.627 |
| 14/08/2019 22:00 | 44.62 |
| 14/08/2019 23:00 | 44.5759 |
| 15/08/2019 00:00 | 44.5746 |
| 15/08/2019 01:00 | 44.6235 |
| 15/08/2019 02:00 | 44.5687 |
| 15/08/2019 03:00 | 44.6099 |
| 15/08/2019 04:00 | 44.5784 |
| 15/08/2019 05:00 | 44.568 |
| 15/08/2019 06:00 | 44.5838 |
| 15/08/2019 07:00 | 44.543 |
| 15/08/2019 08:00 | 44.5284 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Índice Wobbe

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|--|---|---|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | X | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 40 CPG Nuevo Pemex | 43.1333 |
| 09/08/2019 | CRE 40 CPG Nuevo Pemex | 43.1268 |
| 10/08/2019 | CRE 40 CPG Nuevo Pemex | 43.0969 |
| 11/08/2019 | CRE 40 CPG Nuevo Pemex | 42.9431 |
| 12/08/2019 | CRE 40 CPG Nuevo Pemex | 43.104 |
| 13/08/2019 | CRE 40 CPG Nuevo Pemex | 44.254 |
| 14/08/2019 | CRE 40 CPG Nuevo Pemex | 44.6842 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 05:00 | 42.8972 |
| 08/08/2019 06:00 | 42.9513 |
| 08/08/2019 07:00 | 43.0151 |
| 08/08/2019 08:00 | 43.0885 |
| 08/08/2019 09:00 | 43.16 |
| 08/08/2019 10:00 | 43.24 |
| 08/08/2019 11:00 | 43.3229 |
| 08/08/2019 12:00 | 43.4435 |
| 08/08/2019 13:00 | 43.6263 |
| 08/08/2019 14:00 | 43.4646 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 08/08/2019 15:00 | 43.3672 |
| 08/08/2019 16:00 | 43.3209 |
| 08/08/2019 17:00 | 43.2388 |
| 08/08/2019 18:00 | 43.1486 |
| 08/08/2019 19:00 | 43.0536 |
| 08/08/2019 20:00 | 43.0258 |
| 08/08/2019 21:00 | 43.0249 |
| 08/08/2019 22:00 | 43.0379 |
| 08/08/2019 23:00 | 43.045 |
| 09/08/2019 00:00 | 43.0339 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 09/08/2019 01:00 | 43.0007 |
| 09/08/2019 02:00 | 42.9489 |
| 09/08/2019 03:00 | 42.8951 |
| 09/08/2019 04:00 | 42.8546 |
| 09/08/2019 05:00 | 42.823 |
| 09/08/2019 06:00 | 42.7871 |
| 09/08/2019 07:00 | 42.7507 |
| 09/08/2019 08:00 | 42.7329 |
| 09/08/2019 09:00 | 42.7304 |
| 09/08/2019 10:00 | 42.7366 |
| 09/08/2019 11:00 | 42.7466 |
| 09/08/2019 12:00 | 43.2659 |
| 09/08/2019 13:00 | 43.341 |
| 09/08/2019 14:00 | 43.5464 |
| 09/08/2019 15:00 | 43.7652 |
| 09/08/2019 16:00 | 43.5912 |
| 09/08/2019 17:00 | 43.2309 |
| 09/08/2019 18:00 | 43.2088 |
| 09/08/2019 19:00 | 43.2083 |
| 09/08/2019 20:00 | 43.2319 |
| 09/08/2019 21:00 | 43.2249 |
| 09/08/2019 22:00 | 43.2043 |
| 09/08/2019 23:00 | 43.1821 |
| 10/08/2019 00:00 | 43.1607 |
| 10/08/2019 01:00 | 43.1407 |
| 10/08/2019 02:00 | 43.1431 |
| 10/08/2019 03:00 | 43.1474 |
| 10/08/2019 04:00 | 43.156 |
| 10/08/2019 05:00 | 43.1652 |
| 10/08/2019 06:00 | 43.1655 |
| 10/08/2019 07:00 | 43.1666 |
| 10/08/2019 08:00 | 43.1599 |
| 10/08/2019 09:00 | 43.1539 |
| 10/08/2019 10:00 | 43.1485 |
| 10/08/2019 11:00 | 43.1387 |
| 10/08/2019 12:00 | 43.1324 |
| 10/08/2019 13:00 | 43.125 |
| 10/08/2019 14:00 | 43.118 |
| 10/08/2019 15:00 | 43.1111 |
| 10/08/2019 16:00 | 43.1082 |
| 10/08/2019 17:00 | 43.1088 |
| 10/08/2019 18:00 | 43.1059 |
| 10/08/2019 19:00 | 43.0918 |
| 10/08/2019 20:00 | 43.0808 |
| 10/08/2019 21:00 | 43.0733 |
| 10/08/2019 22:00 | 43.0594 |
| 10/08/2019 23:00 | 43.0514 |
| 11/08/2019 00:00 | 43.035 |
| 11/08/2019 01:00 | 43.0231 |
| 11/08/2019 02:00 | 43.0115 |
| 11/08/2019 03:00 | 43.0012 |
| 11/08/2019 04:00 | 42.991 |
| 11/08/2019 05:00 | 42.9882 |
| 11/08/2019 06:00 | 42.9685 |
| 11/08/2019 07:00 | 42.9697 |
| 11/08/2019 08:00 | 42.9569 |
| 11/08/2019 09:00 | 42.9533 |
| 11/08/2019 10:00 | 42.9543 |
| 11/08/2019 11:00 | 42.9543 |
| 11/08/2019 12:00 | 42.9533 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|------------------|------------------------|
| 11/08/2019 13:00 | 42.9436 |
| 11/08/2019 14:00 | 42.9469 |
| 11/08/2019 15:00 | 42.9436 |
| 11/08/2019 16:00 | 42.945 |
| 11/08/2019 17:00 | 42.9465 |
| 11/08/2019 18:00 | 42.9459 |
| 11/08/2019 19:00 | 42.9435 |
| 11/08/2019 20:00 | 42.9396 |
| 11/08/2019 21:00 | 42.9383 |
| 11/08/2019 22:00 | 42.9324 |
| 11/08/2019 23:00 | 42.9332 |
| 12/08/2019 00:00 | 42.9236 |
| 12/08/2019 01:00 | 42.9275 |
| 12/08/2019 02:00 | 42.9142 |
| 12/08/2019 03:00 | 42.909 |
| 12/08/2019 04:00 | 42.9047 |
| 12/08/2019 05:00 | 42.9035 |
| 12/08/2019 06:00 | 42.9061 |
| 12/08/2019 07:00 | 42.904 |
| 12/08/2019 08:00 | 42.9051 |
| 12/08/2019 09:00 | 42.9146 |
| 12/08/2019 10:00 | 42.9168 |
| 12/08/2019 11:00 | 42.9118 |
| 12/08/2019 12:00 | 42.9013 |
| 12/08/2019 13:00 | 42.9013 |
| 12/08/2019 14:00 | 42.9529 |
| 12/08/2019 15:00 | 43.0273 |
| 12/08/2019 16:00 | 43.0381 |
| 12/08/2019 17:00 | 43.0251 |
| 12/08/2019 18:00 | 43.0665 |
| 12/08/2019 19:00 | 43.1256 |
| 12/08/2019 20:00 | 43.1589 |
| 12/08/2019 21:00 | 43.1475 |
| 12/08/2019 22:00 | 43.2099 |
| 12/08/2019 23:00 | 43.2949 |
| 13/08/2019 00:00 | 43.3599 |
| 13/08/2019 01:00 | 43.4421 |
| 13/08/2019 02:00 | 43.4271 |
| 13/08/2019 03:00 | 43.4962 |
| 13/08/2019 04:00 | 43.5664 |
| 13/08/2019 05:00 | 43.6334 |
| 13/08/2019 06:00 | 43.7706 |
| 13/08/2019 07:00 | 43.7445 |
| 13/08/2019 08:00 | 43.8506 |
| 13/08/2019 09:00 | 43.8747 |
| 13/08/2019 10:00 | 43.992 |
| 13/08/2019 11:00 | 44.0349 |
| 13/08/2019 12:00 | 44.118 |
| 13/08/2019 13:00 | 44.1278 |
| 13/08/2019 14:00 | 44.2475 |
| 13/08/2019 15:00 | 44.2255 |
| 13/08/2019 16:00 | 44.2376 |
| 13/08/2019 17:00 | 44.3196 |
| 13/08/2019 18:00 | 44.4199 |
| 13/08/2019 19:00 | 44.4934 |
| 13/08/2019 20:00 | 44.5357 |
| 13/08/2019 21:00 | 44.5839 |
| 13/08/2019 22:00 | 44.6042 |
| 13/08/2019 23:00 | 44.551 |
| 14/08/2019 00:00 | 44.5161 |

| Fecha y Hora | Índice Wobbe Prom/Hora |
|---------------------|-------------------------------|
| 14/08/2019 01:00 | 44.4927 |
| 14/08/2019 02:00 | 44.5733 |
| 14/08/2019 03:00 | 44.5465 |
| 14/08/2019 04:00 | 44.6007 |
| 14/08/2019 05:00 | 44.6794 |
| 14/08/2019 06:00 | 44.7638 |
| 14/08/2019 07:00 | 44.853 |
| 14/08/2019 08:00 | 45.0239 |
| 14/08/2019 09:00 | 45.0158 |
| 14/08/2019 10:00 | 44.8156 |
| 14/08/2019 11:00 | 44.7647 |
| 14/08/2019 12:00 | 44.7593 |
| 14/08/2019 13:00 | 44.7573 |
| 14/08/2019 14:00 | 44.5914 |
| 14/08/2019 15:00 | 44.6045 |
| 14/08/2019 16:00 | 44.5929 |
| 14/08/2019 17:00 | 44.5969 |
| 14/08/2019 18:00 | 44.6085 |
| 14/08/2019 19:00 | 44.6313 |
| 14/08/2019 20:00 | 44.5905 |
| 14/08/2019 21:00 | 44.6268 |
| 14/08/2019 22:00 | 44.6198 |
| 14/08/2019 23:00 | 44.5757 |
| 15/08/2019 00:00 | 44.5744 |
| 15/08/2019 01:00 | 44.6233 |
| 15/08/2019 02:00 | 44.5685 |
| 15/08/2019 03:00 | 44.6097 |
| 15/08/2019 04:00 | 44.5782 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR
Índice Wobbe

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|--|---|---|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | X | | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 11/08/2019 | CRE 41 CPG La Venta | 47.264 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:

ZONA: SUR

Temperatura de rocío de hidrocarburos

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|---|--|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | | X | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO

B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 11/08/2019 | CRE 26 Ciudad Mendoza | 272.6721 |
| 12/08/2019 | CRE 26 Ciudad Mendoza | 272.2506 |
| 13/08/2019 | CRE 26 Ciudad Mendoza | 274.4251 |
| 14/08/2019 | CRE 26 Ciudad Mendoza | 271.6904 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 11/08/2019 09:00 | 272.4303 |
| 11/08/2019 10:00 | 272.4324 |
| 11/08/2019 11:00 | 272.4843 |
| 11/08/2019 12:00 | 272.1627 |
| 11/08/2019 13:00 | 272.4831 |
| 11/08/2019 14:00 | 272.7411 |
| 11/08/2019 15:00 | 272.7787 |
| 11/08/2019 16:00 | 273.0986 |
| 11/08/2019 17:00 | 273.1359 |
| 11/08/2019 18:00 | 273.436 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 11/08/2019 19:00 | 273.1057 |
| 11/08/2019 20:00 | 273.3136 |
| 11/08/2019 21:00 | 273.3908 |
| 11/08/2019 22:00 | 273.4849 |
| 11/08/2019 23:00 | 273.067 |
| 12/08/2019 00:00 | 273.1456 |
| 12/08/2019 01:00 | 272.6223 |
| 12/08/2019 02:00 | 272.6267 |
| 12/08/2019 03:00 | 272.7261 |
| 12/08/2019 04:00 | 272.0421 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 12/08/2019 05:00 | 272.0312 |
| 12/08/2019 06:00 | 271.8155 |
| 12/08/2019 07:00 | 271.7747 |
| 12/08/2019 08:00 | 271.802 |
| 12/08/2019 09:00 | 271.7371 |
| 12/08/2019 10:00 | 271.8362 |
| 12/08/2019 11:00 | 271.8043 |
| 12/08/2019 12:00 | 272.1107 |
| 12/08/2019 13:00 | 272.1214 |
| 12/08/2019 14:00 | 272.9724 |
| 12/08/2019 15:00 | 273.3317 |
| 12/08/2019 16:00 | 273.7348 |
| 12/08/2019 17:00 | 273.4134 |
| 12/08/2019 18:00 | 273.6454 |
| 12/08/2019 19:00 | 273.0197 |
| 12/08/2019 20:00 | 272.7794 |
| 12/08/2019 21:00 | 272.3193 |
| 12/08/2019 22:00 | 271.8031 |
| 12/08/2019 23:00 | 271.9122 |
| 13/08/2019 00:00 | 271.9727 |
| 13/08/2019 01:00 | 271.656 |
| 13/08/2019 02:00 | 271.282 |
| 13/08/2019 03:00 | 271.1608 |
| 13/08/2019 04:00 | 271.2122 |
| 13/08/2019 05:00 | 271.2467 |
| 13/08/2019 06:00 | 271.5868 |
| 13/08/2019 07:00 | 272.3359 |
| 13/08/2019 08:00 | 273.02 |
| 13/08/2019 09:00 | 273.823 |
| 13/08/2019 10:00 | 274.8192 |
| 13/08/2019 11:00 | 275.7467 |
| 13/08/2019 12:00 | 275.5574 |
| 13/08/2019 13:00 | 276.5929 |
| 13/08/2019 14:00 | 277.3315 |
| 13/08/2019 15:00 | 277.1756 |
| 13/08/2019 16:00 | 276.3857 |
| 13/08/2019 17:00 | 275.7752 |
| 13/08/2019 18:00 | 275.4452 |
| 13/08/2019 19:00 | 274.7839 |
| 13/08/2019 20:00 | 274.7244 |
| 13/08/2019 21:00 | 274.479 |
| 13/08/2019 22:00 | 274.0499 |
| 13/08/2019 23:00 | 273.6986 |
| 14/08/2019 00:00 | 273.3275 |
| 14/08/2019 01:00 | 273.1361 |
| 14/08/2019 02:00 | 272.806 |
| 14/08/2019 03:00 | 272.8158 |
| 14/08/2019 04:00 | 272.5729 |
| 14/08/2019 05:00 | 272.4709 |
| 14/08/2019 06:00 | 272.6075 |
| 14/08/2019 07:00 | 272.7736 |
| 14/08/2019 08:00 | 273.3035 |
| 14/08/2019 09:00 | 273.2418 |
| 14/08/2019 10:00 | 273.3141 |
| 14/08/2019 11:00 | 273.3575 |
| 14/08/2019 12:00 | 273.6301 |
| 14/08/2019 13:00 | 274.0599 |
| 14/08/2019 14:00 | 274.3791 |
| 14/08/2019 15:00 | 273.7464 |
| 14/08/2019 16:00 | 273.1124 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 14/08/2019 17:00 | 272.4257 |
| 14/08/2019 18:00 | 271.849 |
| 14/08/2019 19:00 | 271.4876 |
| 14/08/2019 20:00 | 271.1031 |
| 14/08/2019 21:00 | 270.7896 |
| 14/08/2019 22:00 | 270.5695 |
| 14/08/2019 23:00 | 270.3817 |
| 15/08/2019 00:00 | 270.1921 |
| 15/08/2019 01:00 | 270.149 |
| 15/08/2019 02:00 | 270.1703 |
| 15/08/2019 03:00 | 270.0481 |
| 15/08/2019 04:00 | 269.8969 |
| 15/08/2019 05:00 | 270.0718 |
| 15/08/2019 06:00 | 270.2916 |
| 15/08/2019 07:00 | 270.6802 |
| 15/08/2019 08:00 | 271.6214 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR

Temperatura de rocío de hidrocarburos

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|--|---|--|-------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | | X | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 56 San Pablo Rincón Pacheco | 274.5692 |
| 09/08/2019 | CRE 56 San Pablo Rincón Pacheco | 275.3638 |
| 10/08/2019 | CRE 56 San Pablo Rincón Pacheco | 285.7655 |
| 11/08/2019 | CRE 56 San Pablo Rincón Pacheco | 285.9393 |
| 12/08/2019 | CRE 56 San Pablo Rincón Pacheco | 276.4713 |
| 14/08/2019 | CRE 56 San Pablo Rincón Pacheco | 280.0341 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 09:00 | 273.1998 |
| 08/08/2019 10:00 | 278.2676 |
| 08/08/2019 11:00 | 281.1432 |
| 08/08/2019 12:00 | 284.3077 |
| 08/08/2019 13:00 | 281.3052 |
| 08/08/2019 14:00 | 293.1567 |
| 08/08/2019 15:00 | 288.7964 |
| 08/08/2019 16:00 | 269.2404 |
| 08/08/2019 17:00 | 279.3442 |
| 08/08/2019 18:00 | 269.8212 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 19:00 | 275.4026 |
| 08/08/2019 20:00 | 278.4734 |
| 08/08/2019 21:00 | 255.9627 |
| 08/08/2019 22:00 | 271.4363 |
| 08/08/2019 23:00 | 265.0259 |
| 09/08/2019 00:00 | 277.9598 |
| 09/08/2019 01:00 | 286.8799 |
| 09/08/2019 02:00 | 272.2348 |
| 09/08/2019 03:00 | 264.5741 |
| 09/08/2019 04:00 | 280.5678 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|---------------------|--|
| 09/08/2019 05:00 | 268.5916 |
| 09/08/2019 06:00 | 271.3022 |
| 09/08/2019 07:00 | 265.3743 |
| 09/08/2019 08:00 | 271.1799 |
| 09/08/2019 09:00 | 260.8047 |
| 09/08/2019 10:00 | 275.9907 |
| 09/08/2019 11:00 | 284.8451 |
| 09/08/2019 12:00 | 274.1877 |
| 09/08/2019 13:00 | 265.6039 |
| 09/08/2019 14:00 | 272.3257 |
| 09/08/2019 15:00 | 273.6984 |
| 09/08/2019 16:00 | 275.9283 |
| 09/08/2019 17:00 | 273.0437 |
| 09/08/2019 18:00 | 286.9248 |
| 09/08/2019 19:00 | 273.1015 |
| 09/08/2019 20:00 | 277.069 |
| 09/08/2019 21:00 | 271.8721 |
| 09/08/2019 22:00 | 272.505 |
| 09/08/2019 23:00 | 277.4699 |
| 10/08/2019 00:00 | 279.8764 |
| 10/08/2019 01:00 | 283.837 |
| 10/08/2019 02:00 | 285.4265 |
| 10/08/2019 03:00 | 285.9848 |
| 10/08/2019 04:00 | 281.7882 |
| 10/08/2019 05:00 | 290.4781 |
| 10/08/2019 06:00 | 281.4713 |
| 10/08/2019 07:00 | 288.2107 |
| 10/08/2019 08:00 | 287.3589 |
| 10/08/2019 09:00 | 283.1736 |
| 10/08/2019 10:00 | 287.0054 |
| 10/08/2019 11:00 | 293.717 |
| 10/08/2019 12:00 | 295.7514 |
| 10/08/2019 13:00 | 296.2581 |
| 10/08/2019 14:00 | 290.7428 |
| 10/08/2019 15:00 | 296.3651 |
| 10/08/2019 16:00 | 295.6864 |
| 10/08/2019 17:00 | 295.6864 |
| 10/08/2019 18:00 | 295.6864 |
| 10/08/2019 19:00 | 278.6518 |
| 10/08/2019 20:00 | 281.4951 |
| 10/08/2019 21:00 | 281.9229 |
| 10/08/2019 22:00 | 280.7474 |
| 10/08/2019 23:00 | 274.0945 |
| 11/08/2019 00:00 | 272.8966 |
| 11/08/2019 01:00 | 276.9485 |
| 11/08/2019 02:00 | 273.5325 |
| 11/08/2019 03:00 | 283.2321 |
| 11/08/2019 04:00 | 277.2598 |
| 11/08/2019 05:00 | 282.5206 |
| 11/08/2019 06:00 | 272.3891 |
| 11/08/2019 07:00 | 283.6057 |
| 11/08/2019 08:00 | 278.9122 |
| 11/08/2019 09:00 | 284.7711 |
| 11/08/2019 10:00 | 289.7148 |
| 11/08/2019 11:00 | 296.4473 |
| 11/08/2019 12:00 | 292.8973 |
| 11/08/2019 13:00 | 295.5483 |
| 11/08/2019 14:00 | 294.9777 |
| 11/08/2019 15:00 | 295.2223 |
| 11/08/2019 16:00 | 293.6216 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|---------------------|--|
| 11/08/2019 17:00 | 296.9586 |
| 11/08/2019 18:00 | 295.6331 |
| 11/08/2019 19:00 | 289.7668 |
| 11/08/2019 20:00 | 293.7276 |
| 11/08/2019 21:00 | 284.067 |
| 11/08/2019 22:00 | 290.3257 |
| 11/08/2019 23:00 | 284.063 |
| 12/08/2019 00:00 | 270.4377 |
| 12/08/2019 01:00 | 273.7552 |
| 12/08/2019 02:00 | 285.322 |
| 12/08/2019 03:00 | 271.4548 |
| 12/08/2019 04:00 | 266.4029 |
| 12/08/2019 05:00 | 267.8246 |
| 12/08/2019 06:00 | 265.9374 |
| 12/08/2019 07:00 | 275.2211 |
| 12/08/2019 08:00 | 271.9262 |
| 12/08/2019 09:00 | 280.2339 |
| 12/08/2019 10:00 | 273.9884 |
| 12/08/2019 11:00 | 288.9431 |
| 12/08/2019 12:00 | 286.9555 |
| 12/08/2019 13:00 | 286.6215 |
| 12/08/2019 14:00 | 293.6311 |
| 12/08/2019 15:00 | 291.6727 |
| 12/08/2019 16:00 | 281.8701 |
| 12/08/2019 17:00 | 282.6205 |
| 12/08/2019 18:00 | 282.8555 |
| 12/08/2019 19:00 | 275.3033 |
| 12/08/2019 20:00 | 271.7963 |
| 12/08/2019 21:00 | 268.4407 |
| 12/08/2019 22:00 | 264.8748 |
| 12/08/2019 23:00 | 273.2755 |
| 13/08/2019 00:00 | 269.7404 |
| 13/08/2019 01:00 | 268.4435 |
| 13/08/2019 02:00 | 270.6023 |
| 13/08/2019 03:00 | 269.2924 |
| 13/08/2019 04:00 | 273.239 |
| 13/08/2019 05:00 | 272.6418 |
| 13/08/2019 06:00 | 269.8348 |
| 13/08/2019 07:00 | 270.2219 |
| 13/08/2019 08:00 | 261.7148 |
| 14/08/2019 09:00 | 270.7606 |
| 14/08/2019 10:00 | 286.8333 |
| 14/08/2019 11:00 | 284.8793 |
| 14/08/2019 12:00 | 286.3932 |
| 14/08/2019 13:00 | 292.2405 |
| 14/08/2019 14:00 | 295.9503 |
| 14/08/2019 15:00 | 291.0756 |
| 14/08/2019 16:00 | 293.519 |
| 14/08/2019 17:00 | 290.0781 |
| 14/08/2019 18:00 | 288.3139 |
| 14/08/2019 19:00 | 278.51 |
| 14/08/2019 20:00 | 272.5471 |
| 14/08/2019 21:00 | 277.6318 |
| 14/08/2019 22:00 | 271.2779 |
| 14/08/2019 23:00 | 272.1514 |
| 15/08/2019 00:00 | 275.0863 |
| 15/08/2019 01:00 | 278.4094 |
| 15/08/2019 02:00 | 280.092 |
| 15/08/2019 03:00 | 282.1019 |
| 15/08/2019 04:00 | 270.2703 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|---------------------|--|
| 15/08/2019 05:00 | 268.0289 |
| 15/08/2019 06:00 | 279.2724 |
| 15/08/2019 07:00 | 277.3773 |
| 15/08/2019 08:00 | 270.5301 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR

Temperatura de rocío de hidrocarburos

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|--|---|--|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | | X | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 28 Cempoala Sur | 286.5039 |
| 09/08/2019 | CRE 28 Cempoala Sur | 285.0491 |
| 10/08/2019 | CRE 28 Cempoala Sur | 283.9081 |
| 11/08/2019 | CRE 28 Cempoala Sur | 283.2794 |
| 12/08/2019 | CRE 28 Cempoala Sur | 284.474 |
| 13/08/2019 | CRE 28 Cempoala Sur | 283.9557 |
| 14/08/2019 | CRE 28 Cempoala Sur | 280.2101 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 09:00 | 285.4427 |
| 08/08/2019 10:00 | 286.8661 |
| 08/08/2019 11:00 | 285.0128 |
| 08/08/2019 12:00 | 285.4352 |
| 08/08/2019 13:00 | 284.5088 |
| 08/08/2019 14:00 | 285.2181 |
| 08/08/2019 15:00 | 285.1999 |
| 08/08/2019 16:00 | 286.5775 |
| 08/08/2019 17:00 | 285.8978 |
| 08/08/2019 18:00 | 286.1865 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 19:00 | 287.1808 |
| 08/08/2019 20:00 | 287.7786 |
| 08/08/2019 21:00 | 288.735 |
| 08/08/2019 22:00 | 288.5445 |
| 08/08/2019 23:00 | 288.4123 |
| 09/08/2019 00:00 | 287.978 |
| 09/08/2019 01:00 | 286.9933 |
| 09/08/2019 02:00 | 286.9776 |
| 09/08/2019 03:00 | 286.1562 |
| 09/08/2019 04:00 | 286.7919 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 09/08/2019 05:00 | 286.4483 |
| 09/08/2019 06:00 | 286.16 |
| 09/08/2019 07:00 | 285.9894 |
| 09/08/2019 08:00 | 285.6019 |
| 09/08/2019 09:00 | 285.8543 |
| 09/08/2019 10:00 | 286.3626 |
| 09/08/2019 11:00 | 285.871 |
| 09/08/2019 12:00 | 286.0143 |
| 09/08/2019 13:00 | 285.2738 |
| 09/08/2019 14:00 | 285.1692 |
| 09/08/2019 15:00 | 286.0415 |
| 09/08/2019 16:00 | 285.8018 |
| 09/08/2019 17:00 | 285.679 |
| 09/08/2019 18:00 | 285.1333 |
| 09/08/2019 19:00 | 285.42 |
| 09/08/2019 20:00 | 284.9008 |
| 09/08/2019 21:00 | 285.4239 |
| 09/08/2019 22:00 | 285.3447 |
| 09/08/2019 23:00 | 284.0724 |
| 10/08/2019 00:00 | 285.4406 |
| 10/08/2019 01:00 | 284.9417 |
| 10/08/2019 02:00 | 284.4408 |
| 10/08/2019 03:00 | 284.3389 |
| 10/08/2019 04:00 | 283.5428 |
| 10/08/2019 05:00 | 283.0635 |
| 10/08/2019 06:00 | 283.8669 |
| 10/08/2019 07:00 | 283.867 |
| 10/08/2019 08:00 | 285.3123 |
| 10/08/2019 09:00 | 285.3112 |
| 10/08/2019 10:00 | 284.6524 |
| 10/08/2019 11:00 | 284.8247 |
| 10/08/2019 12:00 | 286.081 |
| 10/08/2019 13:00 | 284.5287 |
| 10/08/2019 14:00 | 283.9541 |
| 10/08/2019 15:00 | 283.8629 |
| 10/08/2019 16:00 | 284.5739 |
| 10/08/2019 17:00 | 283.9885 |
| 10/08/2019 18:00 | 283.511 |
| 10/08/2019 19:00 | 283.1021 |
| 10/08/2019 20:00 | 283.9646 |
| 10/08/2019 21:00 | 283.8937 |
| 10/08/2019 22:00 | 283.4613 |
| 10/08/2019 23:00 | 283.8058 |
| 11/08/2019 00:00 | 283.3578 |
| 11/08/2019 01:00 | 283.703 |
| 11/08/2019 02:00 | 282.8724 |
| 11/08/2019 03:00 | 283.0364 |
| 11/08/2019 04:00 | 283.7936 |
| 11/08/2019 05:00 | 283.4471 |
| 11/08/2019 06:00 | 283.6579 |
| 11/08/2019 07:00 | 283.183 |
| 11/08/2019 08:00 | 283.2265 |
| 11/08/2019 09:00 | 283.5006 |
| 11/08/2019 10:00 | 283.331 |
| 11/08/2019 11:00 | 282.7184 |
| 11/08/2019 12:00 | 282.9124 |
| 11/08/2019 13:00 | 283.167 |
| 11/08/2019 14:00 | 282.478 |
| 11/08/2019 15:00 | 281.9781 |
| 11/08/2019 16:00 | 283.5552 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 11/08/2019 17:00 | 283.2157 |
| 11/08/2019 18:00 | 282.5123 |
| 11/08/2019 19:00 | 282.9222 |
| 11/08/2019 20:00 | 283.3614 |
| 11/08/2019 21:00 | 283.3321 |
| 11/08/2019 22:00 | 283.7755 |
| 11/08/2019 23:00 | 284.2918 |
| 12/08/2019 00:00 | 283.2057 |
| 12/08/2019 01:00 | 283.3784 |
| 12/08/2019 02:00 | 283.7285 |
| 12/08/2019 03:00 | 283.4658 |
| 12/08/2019 04:00 | 282.165 |
| 12/08/2019 05:00 | 283.4362 |
| 12/08/2019 06:00 | 283.9058 |
| 12/08/2019 07:00 | 284.2307 |
| 12/08/2019 08:00 | 284.1391 |
| 12/08/2019 09:00 | 284.0524 |
| 12/08/2019 10:00 | 284.649 |
| 12/08/2019 11:00 | 285.4984 |
| 12/08/2019 12:00 | 285.5193 |
| 12/08/2019 13:00 | 285.4946 |
| 12/08/2019 14:00 | 285.4189 |
| 12/08/2019 15:00 | 284.6496 |
| 12/08/2019 16:00 | 285.8424 |
| 12/08/2019 17:00 | 285.8789 |
| 12/08/2019 18:00 | 284.4629 |
| 12/08/2019 19:00 | 284.8012 |
| 12/08/2019 20:00 | 284.1755 |
| 12/08/2019 21:00 | 284.4118 |
| 12/08/2019 22:00 | 284.6718 |
| 12/08/2019 23:00 | 284.7052 |
| 13/08/2019 00:00 | 284.4048 |
| 13/08/2019 01:00 | 284.4524 |
| 13/08/2019 02:00 | 284.3828 |
| 13/08/2019 03:00 | 284.7014 |
| 13/08/2019 04:00 | 283.5758 |
| 13/08/2019 05:00 | 282.8 |
| 13/08/2019 06:00 | 282.6506 |
| 13/08/2019 07:00 | 283.3555 |
| 13/08/2019 08:00 | 282.8206 |
| 13/08/2019 09:00 | 283.1924 |
| 13/08/2019 10:00 | 283.3534 |
| 13/08/2019 11:00 | 285.3992 |
| 13/08/2019 12:00 | 287.9368 |
| 13/08/2019 13:00 | 285.6646 |
| 13/08/2019 14:00 | 285.4843 |
| 13/08/2019 15:00 | 285.2255 |
| 13/08/2019 16:00 | 284.3041 |
| 13/08/2019 17:00 | 284.6049 |
| 13/08/2019 18:00 | 284.0105 |
| 13/08/2019 19:00 | 283.9955 |
| 13/08/2019 20:00 | 284.4765 |
| 13/08/2019 21:00 | 283.2195 |
| 13/08/2019 22:00 | 282.4413 |
| 13/08/2019 23:00 | 283.9428 |
| 14/08/2019 00:00 | 282.9118 |
| 14/08/2019 01:00 | 282.7726 |
| 14/08/2019 02:00 | 282.7878 |
| 14/08/2019 03:00 | 282.7849 |
| 14/08/2019 04:00 | 283.501 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|---------------------|--|
| 14/08/2019 05:00 | 283.4383 |
| 14/08/2019 06:00 | 282.7036 |
| 14/08/2019 07:00 | 282.7561 |
| 14/08/2019 08:00 | 284.0289 |
| 14/08/2019 09:00 | 284.2898 |
| 14/08/2019 10:00 | 284.1085 |
| 14/08/2019 11:00 | 284.1085 |
| 14/08/2019 12:00 | 284.1085 |
| 14/08/2019 13:00 | 281.9495 |
| 14/08/2019 14:00 | 278.3245 |
| 14/08/2019 15:00 | 278.0933 |
| 14/08/2019 16:00 | 278.5583 |
| 14/08/2019 17:00 | 278.8583 |
| 14/08/2019 18:00 | 278.8185 |
| 14/08/2019 19:00 | 280.3915 |
| 14/08/2019 20:00 | 280.8992 |
| 14/08/2019 21:00 | 279.811 |
| 14/08/2019 22:00 | 279.2907 |
| 14/08/2019 23:00 | 280.2348 |
| 15/08/2019 00:00 | 280.097 |
| 15/08/2019 01:00 | 279.6652 |
| 15/08/2019 02:00 | 280.3665 |
| 15/08/2019 03:00 | 280.1053 |
| 15/08/2019 04:00 | 281.041 |
| 15/08/2019 05:00 | 279.7876 |
| 15/08/2019 06:00 | 277.3717 |
| 15/08/2019 07:00 | 277.6858 |
| 15/08/2019 08:00 | 277.0788 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR

Temperatura de rocío de hidrocarburos

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|--|---|--|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | | X | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 29 Cempoala Centro | 286.5039 |
| 09/08/2019 | CRE 29 Cempoala Centro | 285.0491 |
| 10/08/2019 | CRE 29 Cempoala Centro | 283.9081 |
| 11/08/2019 | CRE 29 Cempoala Centro | 283.2794 |
| 12/08/2019 | CRE 29 Cempoala Centro | 284.474 |
| 13/08/2019 | CRE 29 Cempoala Centro | 283.9557 |
| 14/08/2019 | CRE 29 Cempoala Centro | 280.2101 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 09:00 | 285.4427 |
| 08/08/2019 10:00 | 286.8661 |
| 08/08/2019 11:00 | 285.0128 |
| 08/08/2019 12:00 | 285.4352 |
| 08/08/2019 13:00 | 284.5088 |
| 08/08/2019 14:00 | 285.2181 |
| 08/08/2019 15:00 | 285.1999 |
| 08/08/2019 16:00 | 286.5775 |
| 08/08/2019 17:00 | 285.8978 |
| 08/08/2019 18:00 | 286.1865 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 19:00 | 287.1808 |
| 08/08/2019 20:00 | 287.7786 |
| 08/08/2019 21:00 | 288.735 |
| 08/08/2019 22:00 | 288.5445 |
| 08/08/2019 23:00 | 288.4123 |
| 09/08/2019 00:00 | 287.978 |
| 09/08/2019 01:00 | 286.9933 |
| 09/08/2019 02:00 | 286.9776 |
| 09/08/2019 03:00 | 286.1562 |
| 09/08/2019 04:00 | 286.7919 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 09/08/2019 05:00 | 286.4483 |
| 09/08/2019 06:00 | 286.16 |
| 09/08/2019 07:00 | 285.9894 |
| 09/08/2019 08:00 | 285.6019 |
| 09/08/2019 09:00 | 285.8543 |
| 09/08/2019 10:00 | 286.3626 |
| 09/08/2019 11:00 | 285.871 |
| 09/08/2019 12:00 | 286.0143 |
| 09/08/2019 13:00 | 285.2738 |
| 09/08/2019 14:00 | 285.1692 |
| 09/08/2019 15:00 | 286.0415 |
| 09/08/2019 16:00 | 285.8018 |
| 09/08/2019 17:00 | 285.679 |
| 09/08/2019 18:00 | 285.1333 |
| 09/08/2019 19:00 | 285.42 |
| 09/08/2019 20:00 | 284.9008 |
| 09/08/2019 21:00 | 285.4239 |
| 09/08/2019 22:00 | 285.3447 |
| 09/08/2019 23:00 | 284.0724 |
| 10/08/2019 00:00 | 285.4406 |
| 10/08/2019 01:00 | 284.9417 |
| 10/08/2019 02:00 | 284.4408 |
| 10/08/2019 03:00 | 284.3389 |
| 10/08/2019 04:00 | 283.5428 |
| 10/08/2019 05:00 | 283.0635 |
| 10/08/2019 06:00 | 283.8669 |
| 10/08/2019 07:00 | 283.867 |
| 10/08/2019 08:00 | 285.3123 |
| 10/08/2019 09:00 | 285.3112 |
| 10/08/2019 10:00 | 284.6524 |
| 10/08/2019 11:00 | 284.8247 |
| 10/08/2019 12:00 | 286.081 |
| 10/08/2019 13:00 | 284.5287 |
| 10/08/2019 14:00 | 283.9541 |
| 10/08/2019 15:00 | 283.8629 |
| 10/08/2019 16:00 | 284.5739 |
| 10/08/2019 17:00 | 283.9885 |
| 10/08/2019 18:00 | 283.511 |
| 10/08/2019 19:00 | 283.1021 |
| 10/08/2019 20:00 | 283.9646 |
| 10/08/2019 21:00 | 283.8937 |
| 10/08/2019 22:00 | 283.4613 |
| 10/08/2019 23:00 | 283.8058 |
| 11/08/2019 00:00 | 283.3578 |
| 11/08/2019 01:00 | 283.703 |
| 11/08/2019 02:00 | 282.8724 |
| 11/08/2019 03:00 | 283.0364 |
| 11/08/2019 04:00 | 283.7936 |
| 11/08/2019 05:00 | 283.4471 |
| 11/08/2019 06:00 | 283.6579 |
| 11/08/2019 07:00 | 283.183 |
| 11/08/2019 08:00 | 283.2265 |
| 11/08/2019 09:00 | 283.5006 |
| 11/08/2019 10:00 | 283.331 |
| 11/08/2019 11:00 | 282.7184 |
| 11/08/2019 12:00 | 282.9124 |
| 11/08/2019 13:00 | 283.167 |
| 11/08/2019 14:00 | 282.478 |
| 11/08/2019 15:00 | 281.9781 |
| 11/08/2019 16:00 | 283.5552 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 11/08/2019 17:00 | 283.2157 |
| 11/08/2019 18:00 | 282.5123 |
| 11/08/2019 19:00 | 282.9222 |
| 11/08/2019 20:00 | 283.3614 |
| 11/08/2019 21:00 | 283.3321 |
| 11/08/2019 22:00 | 283.7755 |
| 11/08/2019 23:00 | 284.2918 |
| 12/08/2019 00:00 | 283.2057 |
| 12/08/2019 01:00 | 283.3784 |
| 12/08/2019 02:00 | 283.7285 |
| 12/08/2019 03:00 | 283.4658 |
| 12/08/2019 04:00 | 282.165 |
| 12/08/2019 05:00 | 283.4362 |
| 12/08/2019 06:00 | 283.9058 |
| 12/08/2019 07:00 | 284.2307 |
| 12/08/2019 08:00 | 284.1391 |
| 12/08/2019 09:00 | 284.0524 |
| 12/08/2019 10:00 | 284.649 |
| 12/08/2019 11:00 | 285.4984 |
| 12/08/2019 12:00 | 285.5193 |
| 12/08/2019 13:00 | 285.4946 |
| 12/08/2019 14:00 | 285.4189 |
| 12/08/2019 15:00 | 284.6496 |
| 12/08/2019 16:00 | 285.8424 |
| 12/08/2019 17:00 | 285.8789 |
| 12/08/2019 18:00 | 284.4629 |
| 12/08/2019 19:00 | 284.8012 |
| 12/08/2019 20:00 | 284.1755 |
| 12/08/2019 21:00 | 284.4118 |
| 12/08/2019 22:00 | 284.6718 |
| 12/08/2019 23:00 | 284.7052 |
| 13/08/2019 00:00 | 284.4048 |
| 13/08/2019 01:00 | 284.4524 |
| 13/08/2019 02:00 | 284.3828 |
| 13/08/2019 03:00 | 284.7014 |
| 13/08/2019 04:00 | 283.5758 |
| 13/08/2019 05:00 | 282.8 |
| 13/08/2019 06:00 | 282.6506 |
| 13/08/2019 07:00 | 283.3555 |
| 13/08/2019 08:00 | 282.8206 |
| 13/08/2019 09:00 | 283.1924 |
| 13/08/2019 10:00 | 283.3534 |
| 13/08/2019 11:00 | 285.3992 |
| 13/08/2019 12:00 | 287.9368 |
| 13/08/2019 13:00 | 285.6646 |
| 13/08/2019 14:00 | 285.4843 |
| 13/08/2019 15:00 | 285.2255 |
| 13/08/2019 16:00 | 284.3041 |
| 13/08/2019 17:00 | 284.6049 |
| 13/08/2019 18:00 | 284.0105 |
| 13/08/2019 19:00 | 283.9955 |
| 13/08/2019 20:00 | 284.4765 |
| 13/08/2019 21:00 | 283.2195 |
| 13/08/2019 22:00 | 282.4413 |
| 13/08/2019 23:00 | 283.9428 |
| 14/08/2019 00:00 | 282.9118 |
| 14/08/2019 01:00 | 282.7726 |
| 14/08/2019 02:00 | 282.7878 |
| 14/08/2019 03:00 | 282.7849 |
| 14/08/2019 04:00 | 283.501 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|---------------------|--|
| 14/08/2019 05:00 | 283.4383 |
| 14/08/2019 06:00 | 282.7036 |
| 14/08/2019 07:00 | 282.7561 |
| 14/08/2019 08:00 | 284.0289 |
| 14/08/2019 09:00 | 284.2898 |
| 14/08/2019 10:00 | 284.1085 |
| 14/08/2019 11:00 | 284.1085 |
| 14/08/2019 12:00 | 284.1085 |
| 14/08/2019 13:00 | 281.9495 |
| 14/08/2019 14:00 | 278.3245 |
| 14/08/2019 15:00 | 278.0933 |
| 14/08/2019 16:00 | 278.5583 |
| 14/08/2019 17:00 | 278.8583 |
| 14/08/2019 18:00 | 278.8185 |
| 14/08/2019 19:00 | 280.3915 |
| 14/08/2019 20:00 | 280.8992 |
| 14/08/2019 21:00 | 279.811 |
| 14/08/2019 22:00 | 279.2907 |
| 14/08/2019 23:00 | 280.2348 |
| 15/08/2019 00:00 | 280.097 |
| 15/08/2019 01:00 | 279.6652 |
| 15/08/2019 02:00 | 280.3665 |
| 15/08/2019 03:00 | 280.1053 |
| 15/08/2019 04:00 | 281.041 |
| 15/08/2019 05:00 | 279.7876 |
| 15/08/2019 06:00 | 277.3717 |
| 15/08/2019 07:00 | 277.6858 |
| 15/08/2019 08:00 | 277.0788 |

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN:
ZONA: SUR

Temperatura de rocío de hidrocarburos

| Metano (CH4) %vol (83.0000) | Etano %vol (11.0000) | Nitrógeno (N2) %vol (8.0000) Desv. máxima: 1.5000 | Bióxido de Carbono (CO2) %vol (3.0000) | Total de inertes (CO2 y N2) %vol (8.0000) | Poder calorífico MJ/m3 (36.0600 - 43.6000) | Índice Wobbe MJ/m3 (47.3000 - 53.2000) Desv. máxima: 5.0000 | Temperatura de rocío de hidrocarburos °K (271.1500) | Humedad mg/m3 (110.0000) | Acido sulfhídrico (H2S) mg/m3 (6.0000) |
|-------------------------------------|------------------------------|---|--|---|--|---|--|----------------------------------|--|
| % C1 | %C2 | N2 | CO2 | CO2+N2 | Poder Calorífico | I. Woobe | HCDP | H2O | H2S |
| | | | | | | | X | | |

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO
B) PERIODO DURANTE EL CUAL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES

| Fecha de Flujo Fuera de Especificación | Lugar donde se registró el incumplimiento | Valor Prom / Día |
|--|---|------------------|
| 08/08/2019 | CRE 30 Cempoala Norte | 286.5039 |
| 09/08/2019 | CRE 30 Cempoala Norte | 285.0491 |
| 10/08/2019 | CRE 30 Cempoala Norte | 283.9081 |
| 11/08/2019 | CRE 30 Cempoala Norte | 283.2794 |
| 12/08/2019 | CRE 30 Cempoala Norte | 284.474 |
| 13/08/2019 | CRE 30 Cempoala Norte | 283.9557 |
| 14/08/2019 | CRE 30 Cempoala Norte | 280.2101 |

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 09:00 | 285.4427 |
| 08/08/2019 10:00 | 286.8661 |
| 08/08/2019 11:00 | 285.0128 |
| 08/08/2019 12:00 | 285.4352 |
| 08/08/2019 13:00 | 284.5088 |
| 08/08/2019 14:00 | 285.2181 |
| 08/08/2019 15:00 | 285.1999 |
| 08/08/2019 16:00 | 286.5775 |
| 08/08/2019 17:00 | 285.8978 |
| 08/08/2019 18:00 | 286.1865 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 08/08/2019 19:00 | 287.1808 |
| 08/08/2019 20:00 | 287.7786 |
| 08/08/2019 21:00 | 288.735 |
| 08/08/2019 22:00 | 288.5445 |
| 08/08/2019 23:00 | 288.4123 |
| 09/08/2019 00:00 | 287.978 |
| 09/08/2019 01:00 | 286.9933 |
| 09/08/2019 02:00 | 286.9776 |
| 09/08/2019 03:00 | 286.1562 |
| 09/08/2019 04:00 | 286.7919 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 09/08/2019 05:00 | 286.4483 |
| 09/08/2019 06:00 | 286.16 |
| 09/08/2019 07:00 | 285.9894 |
| 09/08/2019 08:00 | 285.6019 |
| 09/08/2019 09:00 | 285.8543 |
| 09/08/2019 10:00 | 286.3626 |
| 09/08/2019 11:00 | 285.871 |
| 09/08/2019 12:00 | 286.0143 |
| 09/08/2019 13:00 | 285.2738 |
| 09/08/2019 14:00 | 285.1692 |
| 09/08/2019 15:00 | 286.0415 |
| 09/08/2019 16:00 | 285.8018 |
| 09/08/2019 17:00 | 285.679 |
| 09/08/2019 18:00 | 285.1333 |
| 09/08/2019 19:00 | 285.42 |
| 09/08/2019 20:00 | 284.9008 |
| 09/08/2019 21:00 | 285.4239 |
| 09/08/2019 22:00 | 285.3447 |
| 09/08/2019 23:00 | 284.0724 |
| 10/08/2019 00:00 | 285.4406 |
| 10/08/2019 01:00 | 284.9417 |
| 10/08/2019 02:00 | 284.4408 |
| 10/08/2019 03:00 | 284.3389 |
| 10/08/2019 04:00 | 283.5428 |
| 10/08/2019 05:00 | 283.0635 |
| 10/08/2019 06:00 | 283.8669 |
| 10/08/2019 07:00 | 283.867 |
| 10/08/2019 08:00 | 285.3123 |
| 10/08/2019 09:00 | 285.3112 |
| 10/08/2019 10:00 | 284.6524 |
| 10/08/2019 11:00 | 284.8247 |
| 10/08/2019 12:00 | 286.081 |
| 10/08/2019 13:00 | 284.5287 |
| 10/08/2019 14:00 | 283.9541 |
| 10/08/2019 15:00 | 283.8629 |
| 10/08/2019 16:00 | 284.5739 |
| 10/08/2019 17:00 | 283.9885 |
| 10/08/2019 18:00 | 283.511 |
| 10/08/2019 19:00 | 283.1021 |
| 10/08/2019 20:00 | 283.9646 |
| 10/08/2019 21:00 | 283.8937 |
| 10/08/2019 22:00 | 283.4613 |
| 10/08/2019 23:00 | 283.8058 |
| 11/08/2019 00:00 | 283.3578 |
| 11/08/2019 01:00 | 283.703 |
| 11/08/2019 02:00 | 282.8724 |
| 11/08/2019 03:00 | 283.0364 |
| 11/08/2019 04:00 | 283.7936 |
| 11/08/2019 05:00 | 283.4471 |
| 11/08/2019 06:00 | 283.6579 |
| 11/08/2019 07:00 | 283.183 |
| 11/08/2019 08:00 | 283.2265 |
| 11/08/2019 09:00 | 283.5006 |
| 11/08/2019 10:00 | 283.331 |
| 11/08/2019 11:00 | 282.7184 |
| 11/08/2019 12:00 | 282.9124 |
| 11/08/2019 13:00 | 283.167 |
| 11/08/2019 14:00 | 282.478 |
| 11/08/2019 15:00 | 281.9781 |
| 11/08/2019 16:00 | 283.5552 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|------------------|---|
| 11/08/2019 17:00 | 283.2157 |
| 11/08/2019 18:00 | 282.5123 |
| 11/08/2019 19:00 | 282.9222 |
| 11/08/2019 20:00 | 283.3614 |
| 11/08/2019 21:00 | 283.3321 |
| 11/08/2019 22:00 | 283.7755 |
| 11/08/2019 23:00 | 284.2918 |
| 12/08/2019 00:00 | 283.2057 |
| 12/08/2019 01:00 | 283.3784 |
| 12/08/2019 02:00 | 283.7285 |
| 12/08/2019 03:00 | 283.4658 |
| 12/08/2019 04:00 | 282.165 |
| 12/08/2019 05:00 | 283.4362 |
| 12/08/2019 06:00 | 283.9058 |
| 12/08/2019 07:00 | 284.2307 |
| 12/08/2019 08:00 | 284.1391 |
| 12/08/2019 09:00 | 284.0524 |
| 12/08/2019 10:00 | 284.649 |
| 12/08/2019 11:00 | 285.4984 |
| 12/08/2019 12:00 | 285.5193 |
| 12/08/2019 13:00 | 285.4946 |
| 12/08/2019 14:00 | 285.4189 |
| 12/08/2019 15:00 | 284.6496 |
| 12/08/2019 16:00 | 285.8424 |
| 12/08/2019 17:00 | 285.8789 |
| 12/08/2019 18:00 | 284.4629 |
| 12/08/2019 19:00 | 284.8012 |
| 12/08/2019 20:00 | 284.1755 |
| 12/08/2019 21:00 | 284.4118 |
| 12/08/2019 22:00 | 284.6718 |
| 12/08/2019 23:00 | 284.7052 |
| 13/08/2019 00:00 | 284.4048 |
| 13/08/2019 01:00 | 284.4524 |
| 13/08/2019 02:00 | 284.3828 |
| 13/08/2019 03:00 | 284.7014 |
| 13/08/2019 04:00 | 283.5758 |
| 13/08/2019 05:00 | 282.8 |
| 13/08/2019 06:00 | 282.6506 |
| 13/08/2019 07:00 | 283.3555 |
| 13/08/2019 08:00 | 282.8206 |
| 13/08/2019 09:00 | 283.1924 |
| 13/08/2019 10:00 | 283.3534 |
| 13/08/2019 11:00 | 285.3992 |
| 13/08/2019 12:00 | 287.9368 |
| 13/08/2019 13:00 | 285.6646 |
| 13/08/2019 14:00 | 285.4843 |
| 13/08/2019 15:00 | 285.2255 |
| 13/08/2019 16:00 | 284.3041 |
| 13/08/2019 17:00 | 284.6049 |
| 13/08/2019 18:00 | 284.0105 |
| 13/08/2019 19:00 | 283.9955 |
| 13/08/2019 20:00 | 284.4765 |
| 13/08/2019 21:00 | 283.2195 |
| 13/08/2019 22:00 | 282.4413 |
| 13/08/2019 23:00 | 283.9428 |
| 14/08/2019 00:00 | 282.9118 |
| 14/08/2019 01:00 | 282.7726 |
| 14/08/2019 02:00 | 282.7878 |
| 14/08/2019 03:00 | 282.7849 |
| 14/08/2019 04:00 | 283.501 |

| Fecha y Hora | Temperatura de rocío de hidrocarburos Prom/Hora |
|---------------------|--|
| 14/08/2019 05:00 | 283.4383 |
| 14/08/2019 06:00 | 282.7036 |
| 14/08/2019 07:00 | 282.7561 |
| 14/08/2019 08:00 | 284.0289 |
| 14/08/2019 09:00 | 284.2898 |
| 14/08/2019 10:00 | 284.1085 |
| 14/08/2019 11:00 | 284.1085 |
| 14/08/2019 12:00 | 284.1085 |
| 14/08/2019 13:00 | 281.9495 |
| 14/08/2019 14:00 | 278.3245 |
| 14/08/2019 15:00 | 278.0933 |
| 14/08/2019 16:00 | 278.5583 |
| 14/08/2019 17:00 | 278.8583 |
| 14/08/2019 18:00 | 278.8185 |
| 14/08/2019 19:00 | 280.3915 |
| 14/08/2019 20:00 | 280.8992 |
| 14/08/2019 21:00 | 279.811 |
| 14/08/2019 22:00 | 279.2907 |
| 14/08/2019 23:00 | 280.2348 |
| 15/08/2019 00:00 | 280.097 |
| 15/08/2019 01:00 | 279.6652 |
| 15/08/2019 02:00 | 280.3665 |
| 15/08/2019 03:00 | 280.1053 |
| 15/08/2019 04:00 | 281.041 |
| 15/08/2019 05:00 | 279.7876 |
| 15/08/2019 06:00 | 277.3717 |
| 15/08/2019 07:00 | 277.6858 |
| 15/08/2019 08:00 | 277.0788 |