



CE

PEMEX LOGÍSTICA  
PROGRAMA ANUAL DE MANTENIMIENTO 2022 CENAGAS  
SECTOR CARDENAS  
Programa de Mantenimiento 2022

Notificación Total  
Notificación Parcial

| Plan de Mantenimiento | Ubicación Técnica            | Equipo   | Descripción                                | enero | febrero | marzo | abril | mayo | junio | julio | agosto | septiembre | octubre | noviembre | diciembre |
|-----------------------|------------------------------|----------|--------------------------------------------|-------|---------|-------|-------|------|-------|-------|--------|------------|---------|-----------|-----------|
| 8404                  | CEN-DUC-GSD-00019-TRM3-CRUC  | 20189596 | CRUCE CAR CAÑALES RIO SECO KM 105-150      |       |         |       |       |      |       |       |        |            |         |           |           |
| 8412                  | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179599 | CRUCE CAR ELADO PICO DE ORO KM 136-022     |       |         |       |       |      |       |       |        |            |         |           |           |
| 19102                 | CEN-DUC-GSD-00019-TRM2-TRONC | 20178508 | VT 1 EST 1 VISA GAS 24" (S-1) 100KM 87.553 |       |         |       |       |      |       |       |        |            |         |           |           |
| 21338                 | CEN-DUC-GSD-00001-TRM1-TRONC | 20178438 | VT 1 GASOD L-48" CACTUS KM 5-000           |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179496 | CRUCE CAR MARIANO MATAMOROS KM 012-000     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179497 | CRUCE CAR MORELOS-MACUSPANA KM 012-890     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179498 | CRUCE CAR MORELOS-MACUSPANA KM 013-200     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179499 | CRUCE CAR MORELOS-MACUSPANA KM 013-800     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179500 | CRUCE CAR ALTAMIRANO 2° 1 SECC KM 20-000   |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179501 | CRUCE CAR ALTAMIRANO 2° 3 SECC KM 20-750   |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179502 | CRUCE CAR ALTAMIRANO 2° 3 SECC KM 21-950   |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179503 | CRUCE CAR ISMAE KM 028-700                 |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179572 | CRUCE CAR MARIANO MATAMOROS KM 012-000     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179573 | CRUCE CAR MORELOS-MACUSPANA KM 012-890     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179574 | CRUCE CAR MORELOS-MACUSPANA KM 013-200     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179575 | CRUCE CAR MORELOS-MACUSPANA KM 013-800     |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179576 | CRUCE TER ALTAMIRANO 2° 1 SECC KM 020-000  |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179577 | CRUCE CAR ALTAMIRANO 2° 2 SECC KM 020-750  |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179578 | CRUCE CAR ALTAMIRANO 2° 3 SECC KM 021-950  |       |         |       |       |      |       |       |        |            |         |           |           |
| 21447                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179579 | CRUCE CAR ISMAE KM 028-700                 |       |         |       |       |      |       |       |        |            |         |           |           |
| 24879                 | CEN-DUC-GSD-00013-TRM1-CRUC  | 20179474 | CRUCE CAR EL HABANERO KM 012-800           |       |         |       |       |      |       |       |        |            |         |           |           |
| 24881                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179585 | CRUCE CAR LA VENTANA CEIBA KM 175-820      |       |         |       |       |      |       |       |        |            |         |           |           |
| 24891                 | CEN-DUC-GSD-00019-TRM1-TRONC | 20178502 | VT CO. INDUSTRIAL KM 50-438                |       |         |       |       |      |       |       |        |            |         |           |           |
| 24912                 | CEN-DUC-GSD-00019-TRM1-TRONC | 20178503 | VT GASOD 24" (S-1) CAMPO CARREZO KM 63     |       |         |       |       |      |       |       |        |            |         |           |           |
| 24918                 | CEN-DUC-GSD-00019-TRM1-TRONC | 20178504 | VT GASOD 24" (S-1) CAMPO SAMARA KM 73      |       |         |       |       |      |       |       |        |            |         |           |           |
| 24939                 | CEN-DUC-GSD-00020-TRM1-TRONC | 20178521 | VT GASOD 24" (S-2) LA ISLA KM 77           |       |         |       |       |      |       |       |        |            |         |           |           |
| 24948                 | CEN-DUC-GSD-00019-TRM3-TROCA | 20178513 | VT BELLOTA KM 86                           |       |         |       |       |      |       |       |        |            |         |           |           |
| 24952                 | CEN-DUC-GSD-00019-TRM3-TROCA | 20178557 | VT LOS PILARES KM 107-A                    |       |         |       |       |      |       |       |        |            |         |           |           |
| 24993                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179546 | CRUCE CAR VISA-COATZA LA Y KM 121-880      |       |         |       |       |      |       |       |        |            |         |           |           |
| 24996                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179537 | CRUCE CAR CAHO-COMALCALCO KM104-038        |       |         |       |       |      |       |       |        |            |         |           |           |
| 25011                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179582 | CRUCE CAR A SANCHEZ MAZ. KM 159-850        |       |         |       |       |      |       |       |        |            |         |           |           |
| 25023                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179542 | OC GSD EL PARNASO L-1 KM 115-759           |       |         |       |       |      |       |       |        |            |         |           |           |
| 25025                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179541 | PAE GSD C-29 EL PIRO KM 113-788            |       |         |       |       |      |       |       |        |            |         |           |           |
| 25038                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20179558 | CRUCE CAR VISA-COATZA KM 131-340           |       |         |       |       |      |       |       |        |            |         |           |           |
| 25044                 | CEN-DUC-GSD-00019-TRM3-CRUC  | 20181194 | PAE GSD INGENIO B. JUÁREZ 8 KM 127-122C    |       |         |       |       |      |       |       |        |            |         |           |           |
| 25331                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179499 | CRUCE CAR MORELOS-MACUSPANA KM 013-800     |       |         |       |       |      |       |       |        |            |         |           |           |
| 25360                 | CEN-DUC-GSD-00019-TRM1-TRONC | 20178956 | VT GASODUCTO L-30" NVO. PEMEX KM 0-000     |       |         |       |       |      |       |       |        |            |         |           |           |
| 35670                 | CEN-DUC-GSD-00019-TRM3-TROCA | 20178511 | VT 2 EST 1 VISA GAS 24" (S-1) 100KM 87.553 |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179508 | CRUCE CAR BONANZA (AQUERA) KM 034-750      |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179508 | CRUCE CAR A LAS PALMAS KM 037-800          |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179513 | CRUCE CAR VISA-ACACHAPAN KM 043-740        |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179515 | CRUCE CAR VISA-FRONTIERA KM 048-470        |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179580 | CRUCE CAR BONANZA (AQUERA) KM 034-750      |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179581 | CRUCE CAR A LAS PALMAS KM 037-800          |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179582 | CRUCE CAR VISA-AEROPUERTO KM 038-900       |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179584 | CRUCE CAR VISA-ACACHAPAN KM 043-740        |       |         |       |       |      |       |       |        |            |         |           |           |
| 35672                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179585 | CRUCE CAR VISA-FRONTIERA KM 048-470        |       |         |       |       |      |       |       |        |            |         |           |           |
| 35691                 | CEN-DUC-GSD-00020-TRM1-TRONC | 20178523 | VT 2 EST 1 VISA GAS 24" (S-2) KM 87.553    |       |         |       |       |      |       |       |        |            |         |           |           |
| 35693                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179501 | CRUCE CAR EL CONCHO KM 007-000             |       |         |       |       |      |       |       |        |            |         |           |           |
| 35694                 | CEN-DUC-GSD-00019-TRM1-CRUC  | 20179513 | CRUCE CAR VISA-ACACHAPAN KM 043-740        |       |         |       |       |      |       |       |        |            |         |           |           |

ING. ELIZABETH GUERRERO JUAREZ  
SAP - O'NEAGAS

ING. RAFAEL GUERRERO JUAREZ  
O'NEAGAS

ING. EMILIO GUERRERO JUAREZ  
ADMINISTRADOR DEL CONTRATO O

|  |                      |
|--|----------------------|
|  | Notificación Total   |
|  | Notificación Parcial |

ING. ELIZABETH CUNYANA JUAREZ  
SAP - O CENAGAS

INO, RAFAEL GONZALEZ SANCHEZ

ING. EMILIO GUERRILLA  
ADMINISTRADOR DEL CONTRATO



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SECTOR CARDENAS  
Programa de Mantenimiento 2022

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Notificación Parcial

| Plan de Mantenimiento | Ubicación Técnica              | Equipo     | Descripción                              |              | enero | febrero | marzo | abril | mayo | junio | julio | agosto | septiembre | octubre | noviembre | diciembre |
|-----------------------|--------------------------------|------------|------------------------------------------|--------------|-------|---------|-------|-------|------|-------|-------|--------|------------|---------|-----------|-----------|
| 42848                 | CEN-DUC-GSD-00020-TRM01-TRONC  | 20179525   | VT CAR. CARDENAS KM 95.133               | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 42868                 | CEN-DUC-GSD-00019-TRM03-TROCA  | 20179558   | VT CHOCOLATERA KM 103.8                  | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 42872                 | CEN-DUC-GSD-00019-TRM03-CRUCI  | 20179563   | CRUCE CAR. OTATES KM 188-380             | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 42875                 | CEN-DUC-GSD-00019-TRM03-CRUCI  | 20179568   | CRUCE CAR PLATAFORMA KM 152-035          | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 42915                 | CEN-DUC-GSD-00019-TRM03-TROCA  | 20179558   | VT TRES LETRAS KM 180.02                 | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 42920                 | CEN-DUC-GSD-00019-TRM03-TROCA  | 20179562   | VT BLASILLO KM 181.371                   | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 51244                 | CEN-DUC-DVP-CA-199             |            | DVP 073.875 KM MER MEZO - MOR TONALA     | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 51246                 | CEN-DUC-DVP-CA-199             | DVP-CA-199 | DVP 018.848 KM ALCALDE MAYOR-CEM APASCO  | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52657                 | CEN-DUC-EVAL-00001-TRM01-TRONC | 20179625   | NIPLE EVAL. GSD 48" VS PAREDON           | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52658                 | CEN-DUC-EVAL-00013-TRM01-TRD01 | 20179627   | NIPLE EVAL. GSD 36" CACTUS-MIS TRD KM 19 | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52659                 | CEN-DUC-EVAL-00018-TRM01-TRD01 | 20179634   | NIPLE EVAL. GSD 30" TRD CACTUS           | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52660                 | CEN-DUC-EVAL-00018-TRM03-TRD02 | 20179630   | NIPLE EVAL. GSD 24" TRD EST.1 VHSIA L 1  | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52661                 | CEN-DUC-EVAL-00023-TRM01-V3005 | 20179631   | NIPLE EVAL. GSD 24" VS EST.1 VHSIA L 2   | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52662                 | CEN-DUC-EVAL-00051-TRM01-TRD01 | 20179632   | NIPLE EVAL. GSD 18" TRD ALCALDE MAYOR    | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52663                 | CEN-DUC-EVAL-00077-TRM01-TRD01 | 20179633   | NIPLE EVAL. GSD 10" TRD CEM. APASCO      | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52713                 | CEN-DUC-GSD-00019-TRM01-CRUCI  |            | CRUZAMIENTOS CD. PEMEX-LA ISLA           | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52714                 | CEN-DUC-GSD-00001-TRM02-V3003  | 20179626   | NIPLE EVAL. GSD 48" VS PASO DE LA MINA   | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52788                 | CEN-DUC-DVP-CA-199             |            | DVP 073.875 KM MER MEZO - MOR TONALA     | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 52790                 | CEN-DUC-DVP-CA-199             |            | DVP 018.848 KM ALCALDE MAYOR-CEM APASCO  | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53668                 | CEN-DUC-ESG-CARDE-ALXIL-BA901  |            | BOMBA DE POZO PROFUNDO AGUA DE SERVICIOS | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53673                 | CEN-DUC-ESG-CARDE-ALXIL-0801A  |            | MOTOGENERADOR "A"                        | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53677                 | CEN-DUC-ESG-CARDE-ALXIL-POM01  | 20170193   | PSV 201 VALVULA DE SEGURIDAD DE POM01    | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53677                 | CEN-DUC-ESG-CARDE-ALXIL-POM01  | 20180500   | PSV 202 VALVULA DE SEO DE TRD0           | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53677                 | CEN-DUC-ESG-CARDE-ALXIL-POM01  |            | PAQUETE GAS COMBARRANQUE MOTOGENERADOR   | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53677                 | CEN-DUC-ESG-CARDE-ALXIL-POM01  |            | SISTEMA DE INSTRUMENTACIÓN Y CONTROL     | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53679                 | CEN-DUC-ESG-CARDE-ALXIL-POM01  |            | PAQUETE GAS COMBARRANQUE MOTOBOMBA C I   | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53682                 | CEN-DUC-ESG-CARDE-ALXIL-PGE01  |            | PAQUETE GAS EMERGENCIA ESTACION          | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53690                 | CEN-DUC-ESG-CARDE-ALXIL-PSE0A  |            | PAQUETE SECADO GAS A INSTTOS             | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53681                 | CEN-DUC-ESG-CARDE-ALXIL-TV013  | 20082948   | REGIMIENTE A PRESION ACUMULADOR          | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53681                 | CEN-DUC-ESG-CARDE-ALXIL-TV013  | 20170183   | PSV-140-A TANQUE DE VOLUMEN AIRE DE SERV | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53681                 | CEN-DUC-ESG-CARDE-ALXIL-TV013  | 20170184   | PSV-140-B TANQUE DE VOLUMEN AIRE DE SERV | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53682                 | CEN-DUC-ESG-CARDE-ALXIL-TV012  |            | TANQUE ELEVADO DE AGUA SERV. ESTACION    | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53683                 | CEN-DUC-ESG-CARDE-TUBER-CAVEN  |            | CABEZAL DE VIENTO ESTACION               | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53688                 | CEN-DUC-ESG-CARDE-SPAMB-TV011  |            | TANQUE DE AGUA CONTRANCENCHO EST 1       | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53678                 | CEN-DUC-ESG-CARDE-EDIF1        |            | AREA DE EDIFICIOS                        | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53677                 | CEN-DUC-ESG-CARDE-EDIF1-REG    |            | REGISTROS Y TRINCHERAS DE ESTACION       | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53678                 | CEN-DUC-ESG-CARDE-ALXIL-SELEC  | 20185111   | SISTEMA DE ALUMBRADO GENERAL ESTACION    | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53681                 | CEN-DUC-ESG-CARDE-ALXIL-SELEC  | 20082391   | CENTRO DE CONTROL DE MOTORES COM1        | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53682                 | CEN-DUC-ESG-CARDE-ALXIL-SELEC  | 20185138   | SISTEMA DE TIERRAS                       | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53705                 | CEN-DUC-ESG-CARDE-ALXIL-SELEC  | 20185131   | CENTRO DE CONTROL DE MOTORES COM2        | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53706                 | CEN-DUC-ESG-CARDE-ALXIL-SELEC  | 20185132   | CENTRO DE CONTROL DE MOTORES COM3        | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53710                 | CEN-DUC-ESG-CARDE-TUBER-CAVEN  | 20185808   | VALVULA ON/OFF GOV5002 CABEZAL DESCARGA  | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53711                 | CEN-DUC-ESG-CARDE-TUBER-CAVEN  | 20091728   | VALVULA ON/OFF GOV5003 GAS DE EMERGENCIA | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53712                 | CEN-DUC-ESG-CARDE-TUBER-CAVEN  | 20185808   | VALVULA ON/OFF GOV5004 GAS DE POTENCIA   | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53713                 | CEN-DUC-ESG-CARDE-TUBER-SUCE   |            | SUGCION DE ESTACION QTO. 48" N           | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53725                 | CEN-DUC-ESG-CARDE-TUBER-CAGE   |            | CABEZAL DE GAS DE EMERGENCIA             | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53728                 | CEN-DUC-ESG-CARDE-TUBER-DESE   |            | DESCARGA ESTACION QTO. 48" CON           | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53727                 | CEN-DUC-ESG-CARDE-TUBER-BYPAS  |            | BY PASS DE ESTACION ESTACION             | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53730                 | CEN-DUC-ESG-CARDE-ALXIL-P1002  | 20170201   | PSV-1131 SEPARAD. ENT.V1130              | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |
| 53731                 | CEN-DUC-ESG-CARDE-ALXIL-P1002  | 20170202   | PSV-1131 SEPARAD. ENT.V1130              | Progr. Anual |       |         |       |       |      |       |       |        |            |         |           |           |

ING. ELIZABETH GUERRA SUAREZ  
SAP - O CENAGAS

ING. RAFAEL HERNANDEZ GARCIA  
CENAGAS

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ADMINISTRADOR DEL CONTRATO O



PEMEX LOGÍSTICA  
PROGRAMA ANUAL DE MANTENIMIENTO 2022 CENAGAS  
SECTOR CARDENAS  
Programa de Mantenimiento 2022

Notificación Total  
Notificación Parcial

| Plan de Mantenimiento | Ubicación Técnica             | Equipo   | Descripción                               |       | enero | febrero | marzo | abril | mayo | junio | julio | agosto | septiembre | octubre | noviembre | diciembre |
|-----------------------|-------------------------------|----------|-------------------------------------------|-------|-------|---------|-------|-------|------|-------|-------|--------|------------|---------|-----------|-----------|
| 53732                 | CEN-DUC-ESG-CARDE-AUXIL-P1002 | 20170203 | PSV-1141 FILTRO ENT.V1140 (PATIN GRAL E   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53733                 | CEN-DUC-ESG-CARDE-AUXIL-P1002 | 20170204 | PSV-1151 TANQUE DE VOLUMEN V-1150         | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53734                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20170185 | PSV-162-A-1 DESC. BOMBA PPAL.AUXIL U-1    | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53735                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20170186 | PSV-162-B-1 DESC. BOMBA AUX.AUXIL U-1     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53736                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20170189 | PSV-163-1 DESC.BOMBA EMERG. AUXIL U-1     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53737                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20042572 | PSV-136-A DESC. BOMBA PPAL. A/ SELLOU-1   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53738                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20042573 | PSV-136-B-1 DESC. BOMBA AUX. A/ SELLOU-1  | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53739                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20170191 | PSV-172-1 REG. CABEZAL A SELLO U-1        | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53740                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20170189 | PSV-1149 DESCARGA DE LA UNIDAD No. 1      | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53741                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20170170 | PSV-1149 DESCARGA DE LA UNIDAD No. 1      | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53742                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20170181 | PSV-140-1 GAS DE CONTROL A VÁLVULAS PCV A | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53743                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170187 | PSV-162A VALV SEGURIDAD BOM PPAL AC LUB   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53744                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170188 | PSV-162B VALV SEGURIDAD BOM AUX AC LUB    | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53745                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170190 | PSV-163 VALV SEGURIDAD BOM EMERG AC LUB   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53746                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170179 | PSV-136A VALV SEG BOMBA PPAL AC SELLO     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53747                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170180 | PSV-136B VALV SEG BOMBA AUX AC SELLO      | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53748                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170192 | PSV-172 VALV SEG DE CABEZAL AC DE SELLO   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53749                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170171 | PSV-124B VALV SEGURIDAD DESCARGA TC-2     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53750                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170172 | PSV-124B VALV SEGURIDAD DESCARGA TC-2     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53751                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20170182 | PSV-140 VAL SEG DE GAS DE CONTROL         | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53752                 | CEN-DUC-ESG-CARDE-TUBER-SEP   | 20170197 | PSV-1111A VAL SEG DE SEPARADOR "A"        | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53753                 | CEN-DUC-ESG-CARDE-TUBER-SEP   | 20170198 | PSV-1111B VAL SEG DE SEPARADOR "B"        | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53759                 | CEN-DUC-ESG-CARDE-AUXIL-SELEC | 20061528 | SIST TRANSFERENCIA ENERGIA TABLETO        | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53760                 | CEN-DUC-ESG-CARDE-TUBER-SEP   | 20061707 | FILTRO SEPARADOR V1110A                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53761                 | CEN-DUC-ESG-CARDE-TUBER-SEP   | 20062276 | FILTRO SEPARADOR V1110B                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53762                 | CEN-DUC-ESG-CARDE-TUBER-SEP   | 20062968 | FILTRO SEPARADOR V1110C                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53763                 | CEN-DUC-ESG-CARDE-TUBER-SEP   | 20165803 | FILTRO SEPARADOR V1110D                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53764                 | CEN-DUC-ESG-CARDE-AUXIL-POMC  | 20170196 | PSV-204 REG.GAS DE ARRANQUE MOTOR C.J     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53765                 | CEN-DUC-ESG-CARDE-TUBER-SEP   | 20170200 | PSV-1111D VAL SEG DE SEPARADOR "D"        | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53766                 | CEN-DUC-ESG-CARDE-TUBER-CTAUX | 20185646 | RED AGUA DE SERVICIOS                     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53767                 | CEN-DUC-ESG-CARDE-TUBER-CTAUX | 20185646 | RED AIRE DE PLANTA                        | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 53769                 | CEN-DUC-ESG-CARDE-AUXIL-P1002 | 20170205 | PSV-1152 ALTA PRESION DE GAS ARRANQUE     | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55664                 | CEN-DUC-OSD-00001-TRM01-V5001 |          | VS MOR MEZCALAPA KM 16-236                | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55665                 | CEN-DUC-OSD-00001-TRM01-V5002 |          | VS MOR MEZCALAPA KM 17-709                | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55666                 | CEN-DUC-OSD-00001-TRM02-V5003 |          | VS PASO LA MINA KM 55-606                 | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55667                 | CEN-DUC-OSD-00001-TRM03-V5004 |          | VS MOR TONALA KM 81-459                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55668                 | CEN-DUC-OSD-00013-TRM01-V5001 |          | VS MOR MEZCALAPA KM 11-615 CA-025 36"Ø    | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55669                 | CEN-DUC-OSD-00008-TRM01-V5004 |          | VS MOR TONALA KM 82-370                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55670                 | CEN-DUC-OSD-00019-TRM01-V5001 |          | VS ISMATE KM 28-475 L-1                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55671                 | CEN-DUC-OSD-00019-TRM01-V5002 |          | VS MOR GREJALVA KM 43-672 L-1             | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55673                 | CEN-DUC-OSD-00019-TRM01-V5003 |          | VS MOR GREJALVA KM 44-042                 | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55677                 | CEN-DUC-OSD-00013-TRM01-V5002 |          | VS MOR MEZCALAPA KM 13-050 36"Ø           | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55686                 | CEN-DUC-OSD-00008-TRM01-V5001 |          | VS LOS PILARES KM 7-963                   | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55696                 | CEN-DUC-OSD-00008-TRM01-V5002 |          | VS EST 2A KM 33-796                       | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55700                 | CEN-DUC-OSD-00008-TRM01-V5003 |          | VS PEJELAGARTERO KM 53-471                | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55724                 | CEN-DUC-OSD-00019-TRM01-V5004 |          | VS VILLAHERMOSA KM 87-894 L-1             | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55725                 | CEN-DUC-OSD-00019-TRM03-V5008 |          | VS MOR SAMARRA KM 83-342 L-1              | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55726                 | CEN-DUC-OSD-00019-TRM03-V5008 |          | VS MOR SAMARRA KM 84-008 L-1              | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55727                 | CEN-DUC-OSD-00019-TRM03-V5007 |          | VS MUJO CARDENAS KM 106-335 L-1           | Progr |       |         |       |       |      |       |       |        |            |         |           |           |
| 55728                 | CEN-DUC-OSD-00019-TRM03-V5008 |          | VS EST 2A KM 133-543 L-1                  | Progr |       |         |       |       |      |       |       |        |            |         |           |           |

ING. ELIZABETH ORTIZ GARCIA  
SAP - O CENAGAS

ING. RAFAEL HERNANDEZ RAMIREZ

ING. EMILIO GARCIA BLAS  
ADMINISTRADOR DEL CENTRO TO



PEMEX

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|-----------------------|-------------------------------|----------|----------------------------------------------|--------------|-------|---------|-------|-------|------|-------|-------|--------|------------|---------|-----------|-----------|
| 55729                 | CEN-DUC-GSD-00019-TRM03-V3039 |          | VS PEELAGARTERO KM 153-514 L-1               | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55730                 | CEN-DUC-GSD-00019-TRM03-V5010 |          | VS MOR TONALA KM 183-832 L-1                 | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55731                 | CEN-DUC-GSD-00025-TRM01-V5001 |          | VS EL ISMAITE KM 26.483.2 CA-017             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55732                 | CEN-DUC-GSD-00025-TRM01-V5002 |          | VS MOR GRESALVA KM 43.874 L-2 CA-023         | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55733                 | CEN-DUC-GSD-00025-TRM01-V5003 |          | VS MIR GRESALVA KM 44.258                    | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55737                 | CEN-DUC-GSD-00013-TRM01-TROHC | 20175481 | VT 1 GASOD L-3P0 CACTUS KM 0-308 CA-014      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55738                 | CEN-DUC-GSD-00019-TRM01-TROHC | 20178508 | VT 1 ON 24"0 (L-1) TOR ISLA KM 77 CA-012     | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55739                 | CEN-DUC-GSD-00019-TRM03-TROCA | 20178558 | VT BAT. CARD. NTE. KM 111.85 CA-003          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55742                 | CEN-DUC-GSD-00001-TRM01-TROD1 |          | TRO EST. 1 CARDENAS KM 25-298                | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55743                 | CEN-DUC-GSD-00019-TRM01-TROHC | 20178507 | VT 2 ON 24"0 (L-1) TOR ISLA KM 77 CA-012     | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55744                 | CEN-DUC-GSD-00025-TRM01-V5004 |          | VS VILLAHERRIOSA 24"0 (L-2) KM 87.889 CA-030 | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55745                 | CEN-DUC-GSD-00025-TRM01-V5005 |          | VS EST 1 VISA 24"0 (L-2) CA-002 KM87-905     | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55748                 | CEN-DUC-GSD-00025-TRM01-V5008 |          | VS MOR SAMARSA 24"0 (L-2) KM 83.041 CA-027   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55747                 | CEN-DUC-GSD-00025-TRM01-V5007 |          | VS MIR SAMARSA KM 83.943                     | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55748                 | CEN-DUC-GSD-00051-TRM01-V5002 |          | VS MOR TEPETTAN KM 20.350 CA-028             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55749                 | CEN-DUC-GSD-00051-TRM01-V5001 |          | VS MIR TEPETTAN KM19.100 CA-028              | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55750                 | CEN-DUC-GSD-00077-TRM01-V5001 |          | VS MOR TULJA KM 14.891                       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55751                 | CEN-DUC-GSD-00077-TRM01-V5002 |          | VS MIR TULJA KM 15.047                       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55774                 | CEN-DUC-GSD-00019-TRM03-TROHC | 20178508 | VT 2 24"0 (L-1) TDE LA ISLA KM77 CA013-257   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55775                 | CEN-DUC-GSD-00019-TRM03-TROHC | 20178510 | VT 3 E 1 VISA 24"0 (L-1) KM87.553 CA-002     | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55778                 | CEN-DUC-GSD-00019-TRM03-TED02 |          | TED LA ISLA KM 78-082                        | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55816                 | CEN-DUC-GSD-00019-TRM01-CRUCI | 20178640 | CRUCE CAR ISLA- REFORMA KM 005-500           | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55817                 | CEN-DUC-GSD-00019-TRM01-CRUCI | 20178640 | CRUCE CAR ISLA- REFORMA KM 005-500           | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55818                 | CEN-DUC-GSD-00019-TRM01-CRUCI | 20189099 | CRUCE CAR CARMEN - CPO CACTUS KM 011+250     | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55822                 | CEN-DUC-GSD-00001-TRM01-CRUCI | 20178338 | CRUCE TER RANCHERIA LIMON 2 KM 014+000       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55823                 | CEN-DUC-GSD-00001-TRM01-CRUCI | 20178337 | CRUCE CAR ISLA-HUMANQUILLO KM 16+000         | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55864                 | CEN-DUC-GSD-00013-TRM01-CRUCI | 20178472 | CRUCE CAR LA ISLA-S. MANUEL KM 011+500       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55865                 | CEN-DUC-GSD-00013-TRM01-CRUCI | 20178473 | CRUCE CAR EJIDO LA OCEBA KM 002+450          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 55870                 | CEN-DUC-ESM-CRE-SE-27010      |          | CENTRO DE REHABILITACION SOCIAL VISA         | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56233                 | CEN-DUC-GSD-00013-TRM01-TROHC | 20178483 | VT 30° TRO EL MESTERO KM 18-500 PMV-220      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56262                 | CEN-DUC-ESM-KM100-27018       |          | ERM INYECC. CACTUS-6TD5G. (100) CA           | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56278                 | CEN-DUC-GSD-00009-TRM01-TROCA | 20178495 | VT 30° TED L-3P0 EL MESTEROKM 9 CA-011       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56279                 | CEN-DUC-GSD-00019-TRM03-TROCA | 20178499 | VT 20"0 EL MESTERO KM 100-000 CA011-258      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56280                 | CEN-DUC-GSD-00025-TRM01-TROHC | 20178527 | VT EL MESTERO KM 100 CA-011 (PMV-258)        | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56281                 | CEN-DUC-GSD-00025-TRM01-TROHC | 20178528 | VT BELLOTA KM 98 CA-021                      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56327                 | CEN-DUC-ESM-CPOCP-27017       |          | ERM INYECCION CO. PEMEX AL STD5G CA-008      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56328                 | CEN-DUC-GSD-00019-TRM01-TROHC | 20178500 | VT CO. PEMEX KM 9 L-1 (PMV-255) CA-008       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56329                 | CEN-DUC-GSD-00025-TRM01-TROHC | 20178515 | VT CO. PEMEX KM 9 L-2 CA-008 (PMV-250)       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56330                 | CEN-DUC-ESM-CMAP-27012        |          | CEMENTOS APASCO CA-005                       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56331                 | CEN-DUC-GSD-00051-TRM01-TROHC | 20178528 | VT 18"0 CO. PEMEX (PMV-255) CA-008           | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56332                 | CEN-DUC-GSD-00051-TRM01-TROHC | 20178664 | VT ALCALDE MAYOR KM 30.220 CA-015            | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56333                 | CEN-DUC-GSD-00051-TRM01-TED01 |          | TED CO. PEMEX KM 0+000                       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56348                 | CEN-DUC-ESM-CPOCA-07001       |          | ERM CACTUS MISPERO CA-007                    | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56362                 | CEN-DUC-GSD-00077-TRM01-TROHC | 20178667 | VT CMTD. APASCO KM 18.814 CA-005             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56418                 | CEN-DUC-GSD-00051-TRM03-TED02 |          | TED EST. 1 CARDENAS KM 25-298                | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56419                 | CEN-DUC-GSD-00001-TRM01-TROHC | 20178439 | VT BY - PASS EST. CARD. KM 25.228            | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56425                 | CEN-DUC-GSD-00009-TRM01-TROCA | 20178497 | VT INFONAVIT KM 8.4                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56426                 | CEN-DUC-GSD-00001-TRM01-TROHC | 20178438 | VT PAREDON 12"0 KM 18.8                      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56428                 | CEN-DUC-ESM-INDCA-27002       |          | ERM INDUST. DEL CACAO DE TABASCO.            | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56429                 | CEN-DUC-GSD-00013-TRM01-TROD1 |          | TRO 3P0 EL MESTERO KM 19-715                 | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |

ING. ELIZABETH QUINTERO JUAREZ  
SAP - O CENAGAS

ING. RAFAEL HERNANDEZ JUAREZ  
SAP - O CENAGAS

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ADMINISTRADOR DEL CUARTO O



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Notificación Total  
Notificación Parcial

| Plan de Mantenimiento | Ubicación Técnica             | Equipo   | Descripción                              |              | enero | febrero | marzo | abril | mayo | junio | julio | agosto | septiembre | octubre | noviembre | diciembre |
|-----------------------|-------------------------------|----------|------------------------------------------|--------------|-------|---------|-------|-------|------|-------|-------|--------|------------|---------|-----------|-----------|
| 56430                 | CEN-DUC-GSD-00008-TRMD1-TE001 |          | TEO EL MESTERO KM 0-000                  | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56431                 | CEN-DUC-GSD-00012-TRMD1-TR00C | 20178484 | VT TDR EL MESTERO KM 19-800              | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56432                 | CEN-DUC-GSD-00008-TRMD1-TROCA | 20178468 | VT EL MESTERO KM 0                       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56434                 | CEN-DUC-GSD-00019-TRMD3-TROCA | 20178514 | VT 813 EL MESTERO KM 100-000             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56435                 | CEN-DUC-GSD-00025-TRMD1-TR001 |          | TRD EL MESTERO KM 100-430                | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56437                 | CEN-DUC-GSD-00019-TRMD3-TROCA | 20178512 | VT C.A.B. CARDENAS KM 95.133             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56447                 | CEN-DUC-GSD-00001-TRMD1-TE001 |          | TEO CACTUS KM 0-000                      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56448                 | CEN-DUC-GSD-00015-TRMD1-TE001 |          | TEO 3073 CACTUS KM 0-000                 | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56449                 | CEN-DUC-GSD-00019-TRMD1-TR001 |          | TRD EST.MED. CACTUS KM 13.296            | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56450                 | CEN-DUC-GSD-00016-TRMD1-TE001 |          | TEO C.P.D. NUEVO PEMEX KM 0-000          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56469                 | CEN-DUC-GSD-00019-TRMD1-TR00C | 20178505 | VT 2476(L)CUND. 2 BOCAS KM 73.8 CA-010   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56470                 | CEN-DUC-GSD-00025-TRMD1-TR00C | 20178520 | VT GN 2476(L)CUND2 BOCAS KM73.8 CA-010   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56471                 | CEN-DUC-GSD-00016-TRMD1-TR00C | 20178669 | VT GASCO L-3073 CACTUS KM 15.141         | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56587                 | CEN-DUC-GSD-00019-TRMD3-CRUCI | 20181193 | PAE GSD INGENIO B. JUÁREZ I KM 125-730   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56588                 | CEN-DUC-GSD-00019-TRMD1-TR001 |          | TRD LA ISLA KM 78-082                    | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56600                 | CEN-DUC-GSD-00019-TRMD3-CRUCI | 20179545 | CRUCE CAR ARROCIERA C-27 KM 125-630      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56608                 | CEN-DUC-GSD-00001-TRMD3-CRUCI | 20178341 | CRUCE TER C-40 KM 031-550                | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56609                 | CEN-DUC-GSD-00001-TRMD3-CRUCI | 20178340 | CRUCE TER C-41 KM 027-500                | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56612                 | CEN-DUC-GSD-00019-TRMD3-CRUCI | 20179540 | PAE GSD STA. TERESA KM 108-490           | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56626                 | CEN-DUC-GSD-00019-TRMD3-TRO2  |          | TRD EST. 1 VILLAHERMOSA KM 88-045        | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56628                 | CEN-DUC-GSD-00019-TRMD3-CRUCI | 20179537 | CRUCE CAR CARD-COMALCALCO KM104-035      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56631                 | CEN-DUC-GSD-00013-TRMD1-CRUCI | 20179475 | CRUCE ALT CARD-VHSA, KM 016-200          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56633                 | CEN-DUC-GSD-00019-TRMD3-CRUCI | 20188678 | PAE GSD 2473 EL VELADERO L-1 KM 98-500   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56634                 | CEN-DUC-GSD-00025-TRMD1-CRUCI | 20179595 | PAE GSD 2473 EL VELADERO L-2 KM 098-500  | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56635                 | CEN-DUC-GSD-00019-TRMD3-TE003 |          | TEO EST.1 VILLAHERMOSA KM 88-045         | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56637                 | CEN-DUC-GSD-00019-TRMD1-TE001 |          | TEO CD. PEMEX KM 0-000                   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56638                 | CEN-DUC-GSD-00025-TRMD1-TE001 |          | TEO CD. PEMEX KM 0-000                   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56675                 | CEN-DUC-GSD-00005-TRMD1-TR001 |          | TRD ALCALDE MAYOR KM 30-217              | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56676                 | CEN-DUC-GSD-00077-TRMD1-TE001 |          | TEO ALCALDE MAYOR KM 0-000               | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56677                 | CEN-DUC-GSD-00077-TRMD1-TR001 |          | TRD 10 TO CEMENTOS APASCO KM 18-814      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56757                 | CEN-DUC-GSD-00019-TRMD3-CRUCI | 20179524 | PAE GSD 247 EST N°1 VHSA (L-1) KM087-485 | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56758                 | CEN-DUC-GSD-00025-TRMD1-CRUCI | 20179592 | PAE GSD 247 EST.2 VHSA (L-2) KM 087-485  | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 56856                 | CEN-DUC-ESM-ECACAR-27018      |          | ESTACION CARDENAS CA-001                 | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 57063                 | CEN-DUC-GSD-00019-TRMD3-CRUCI | 20179523 | CRUCE CAR PLATANO Y CACAO 1° KM 078-150  | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 80006                 | CEN-DUC-ESG-CARDE-EDFI-ARVER  |          | AREAS VERDES                             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 80007                 | CEN-DUC-ESG-CARDE-EDFI-ARVER  |          | AREAS VERDES                             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 80008                 | CEN-DUC-ESG-CARDE-EDFI-ARVER  |          | AREAS VERDES                             | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 80009                 | CEN-DUC-ESG-CARDE-EDFI-CALVI  |          | CALLES Y VALDADES                        | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 80858                 | CEN-DUC-GSD-00008-TRMD1-TROCA | 20178487 | VT INFONAVIT KM 8.4                      | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 85298                 | CEN-DUC-ESG-CARDE-COMPR-TC02  | 20185448 | SIST. DETECC Y SUPRESIÓN DE FUEGO LON2   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 85299                 | CEN-DUC-ESG-CARDE-COMPR-TC01  | 20185444 | SIST. DETECC Y SUPRESIÓN DE FUEGO LON1   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 85334                 | CEN-DUC-ESG-CARDE-SPAM-SDI    | 20185448 | LONLAZO CONTROL SEGURIDAD ESTACION       | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 86171                 | CEN-DUC-ESM-CRESE-27010       | 20081451 | PSV-27010-01-1P                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 86171                 | CEN-DUC-ESM-CRESE-27010       | 20081452 | PSV-27010-01-2P                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 86171                 | CEN-DUC-ESM-CRESE-27010       | 20081453 | PSV-27010-01-3P                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 86173                 | CEN-DUC-ESM-CRESE-27012       | 20081136 | PSV-27012-01-1P                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 86232                 | CEN-DUC-ESM-INOCA-27002       | 20081424 | PSV-27002-01-1P                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 86232                 | CEN-DUC-ESM-INOCA-27002       | 20081425 | PSV-27002-01-2P                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 86348                 | CEN-DUC-ESM-CPQCP-27017       | 20188404 | PSV-27017-01-1P                          | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |
| 72485                 | CEN-DUC-GSD-00025-TRMD1-TR00C | 20178524 | VT 2078 B.N. DE LA ISLA A CUND 2 BOCAS   | Progr. Final |       |         |       |       |      |       |       |        |            |         |           |           |

PK3. ELIZABETH GUERRA JUAREZ  
SAP - O CENAGAS

PK3. ELIZABETH GUERRA JUAREZ

PK3. ELIZABETH GUERRA JUAREZ  
ADMINISTRADOR DEL CONTRATO

|  |                      |
|--|----------------------|
|  | Notificación Total   |
|  | Notificación Parcial |

[illegible]

  
ING. ELIZABETH QUINTANA SUAREZ  
SAP - O CENAGAS

INQ. RAINIER, PERS. AND C. STATION 7  
TO DENVER

ING. EMILIO GUERRA BLAS  
ADMINISTRADOR DEL CONTRATO O