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| Departamento: | ANTIOQUIA |
| Periodo: | Noviembre - 2016 |

Tasa de Cambio: 3.110,26

| MPIO. PRDTR. BPPD | Municipio | Deplo | Puertos |
|-------------------|-----------|--------|---------|
| 10,000 | 35.05% | 56.95% | 8% |
| 20,000 | 31.72% | 60.28% | 8% |
| 50,000 | 19.17% | 72.83% | 8% |
| 100,000 | 19.17% | 72.83% | 8% |
| +100,000 | 19.17% | 72.83% | 8% |

| Municipio | Campo | Contrato | Tipos Hdr/Prd | Prod.Mes Bis o Kpc | Prod/Dia BPD | %Pr.Mun | Precio USD/B | % Reg | DEPARTAMENTO PRODUCTOR \$ | MUNICIPIO PRODUCTOR \$ | PUERTOS \$ | |
|----------------|-------------------|--|---------------|--------------------|------------------|----------------------------|-------------------------|-------------------------|---------------------------|------------------------|-------------------|------------------|
| PUERTO NARE | AREA TECA-COCORNA | OPERACION-DIRECTA ECOPEPETROL | O | N | 16.385 | 546,17 | 3,83 | 30,17 | 20,000 | 18.739.869 | 11.533.492 | 2.632.466 |
| | | CONTRATO DE COLABORACIÓN EMPRESARIAL CAMPO ÁREA TECA – COCORNA ENTRE ECOPEPETROL S | O | I | 15.900 | 530,00 | 3,72 | 30,17 | 6,000 | 5.455.549 | 3.357.629 | 768.363 |
| | NARE | NARE ASOCIACION | O | N | 8.977 | 299,23 | 2,10 | 21,20 | 20,000 | 7.214.594 | 4.440.237 | 1.013.464 |
| | UNDERRIVER | NARE ASOCIACION | O | P | 29.982 | 999,40 | 7,01 | 20,70 | 6,000 | 7.058.249 | 4.344.015 | 991.501 |
| | | | | | | 2.374,80 | TOTAL MUNICIPIO: | | | 38.468.260 | 23.675.374 | 5.403.794 |
| PUERTO TRIUNFO | AREA TECA-COCORNA | OPERACION-DIRECTA ECOPEPETROL | O | N | 13.966 | 465,53 | 16,67 | 30,17 | 20,000 | 15.973.207 | 9.830.745 | 2.243.822 |
| | | | | | | | 465,53 | TOTAL MUNICIPIO: | | 15.973.207 | 9.830.745 | 2.243.822 |
| YONDO | CASABE | CASABE INCREMENTAL | O | I | 288.132 | 9.604,40 | 9,84 | 30,04 | 8,460 | 141.929.465 | 82.300.299 | 19.498.240 |
| | | CASABE | G | Q | 664 | 3,88 | 0,02 | 3,74 | 20,000 | 96.201 | 55.784 | 13.216 |
| | CASABE SUR | CASABE | O | N | 80.070 | 2.669,00 | 2,73 | 30,04 | 20,000 | 93.236.926 | 54.065.073 | 12.808.869 |
| | | CASABE | O | N | 73.219 | 2.440,63 | 2,50 | 31,43 | 8,000 | 35.681.767 | 20.690.701 | 4.901.954 |
| | | CASABE | G | Q | 8.703 | 50,89 | 0,30 | 3,74 | 6,400 | 403.487 | 233.969 | 55.431 |
| | PEÑAS BLANCAS | CASABE INCREMENTAL | O | I | 42.715 | 1.423,83 | 1,46 | 31,84 | 8,000 | 21.087.818 | 12.228.143 | 2.897.040 |
| | | CASABE | O | N | 1.710 | 57,00 | 0,06 | 31,84 | 20,000 | 2.110.510 | 1.223.816 | 289.941 |
| | | | | | 15,90 | 0,09 | 5,93 | 20,000 | 624.940 | 362.382 | 85.854 | |
| | | | | | 16.265,55 | TOTAL MUNICIPIO: | | | 295.171.113 | 171.160.166 | 40.550.546 | |
| | | | | | 19.105,88 | TOTAL DEPARTAMENTO: | | | 349.612.581 | 204.666.285 | 48.198.162 | |

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Regalias Definitiva x Departamento

AGENCIA NACIONAL DE HIDROCARBUROS

VICEPRESIDENCIA DE OPERACIONES, REGALIAS Y PARTICIPACIONES

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|---------------|-------------------------|
| Departamento: | ANTIOQUIA |
| Periodo: | Noviembre - 2016 |

Tasa de Cambio: 3.110,26

RESUMEN DE LIQUIDACION:

| Beneficiario | Total Liquidado \$ | Deducciones \$ | Total \$ |
|------------------------------------|-----------------------|-------------------|-------------|
| DEPARTAMENTO PRODUCTOR ANTIOQUIA | 349.612.581 | 0 | 349.612.581 |
| MUNICIPIO PRODUCTOR YONDO | 171.160.166 | 0 | 171.160.166 |
| MUNICIPIO PRODUCTOR PUERTO NARE | 23.675.374 | 0 | 23.675.374 |
| MUNICIPIO PRODUCTOR PUERTO TRIUNFO | 9.830.745 | 0 | 9.830.745 |
| PUERTOS | 48.198.162 | 0 | 48.198.162 |

OMAR ALONSO MEJIA TETTE
Vicepresidente de Operaciones, Regalías y Participaciones
(E)

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Regalías Definitiva x Departamento

AGENCIA NACIONAL DE HIDROCARBUROS

VICEPRESIDENCIA DE OPERACIONES, REGALÍAS Y PARTICIPACIONES

| | |
|---------------|-------------------------|
| Departamento: | ANTIOQUIA |
| Periodo: | Noviembre - 2016 |

Tasa de Cambio: 3.110,26

REGALÍAS ADICIONALES ART. 39 LEY 756

| ESCALONAMIENTO MUNICIPIO , BPPD | | |
|---------------------------------|-----------|--------|
| MPIO. PROTR. BPPD | Municipio | Depto |
| | 30.00% | 70.00% |

| Municipio | Campo | Contrato | Tipos Hdr/Prd | | Prod.Mes Kbls o Kpc | Prod/Dia KBPD | %Pr.Mun | Precio USD/B | % Reg | DEPARTAMENTO PRODUCTOR | MUNICIPIO PRODUCTOR |
|----------------------------|-------------------|-------------------------------|---------------|---|---------------------|---------------|---------|--------------|-------|-------------------------|---------------------|
| PUERTO NARE | AREA TECA-COCORNA | OPERACION-DIRECTA ECOPEPETROL | O | N | 16.385 | 546,167 | 3,83 | 30,17 | 12,00 | 13.820.447 | 5.923.049 |
| | | | | | | | | | | TOTAL MUNICIPIO: | 13.820.447 |
| PUERTO TRIUNFO | AREA TECA-COCORNA | OPERACION-DIRECTA ECOPEPETROL | O | N | 13.966 | 465,533 | 16,67 | 30,17 | 12,00 | 11.780.065 | 5.048.599 |
| | | | | | | | | | | TOTAL MUNICIPIO: | 11.780.065 |
| TOTAL DEPARTAMENTO: | | | | | | | | | | 25.600.513 | 10.971.648 |

RESUMEN DE LIQUIDACION:

| Beneficiario | Total Liquidado \$ |
|------------------------------------|--------------------|
| DEPARTAMENTO PRODUCTOR ANTIOQUIA | \$25.600.513 |
| MUNICIPIO PRODUCTOR PUERTO NARE | \$5.923.049 |
| MUNICIPIO PRODUCTOR PUERTO TRIUNFO | \$5.048.599 |

OMAR ALONSO MEJIA TETTE
Vicepresidente de Operaciones, Regalías y Participaciones
(E)

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