

TABLE 1
SOIL ANALYTICAL RESULTS
29C PRODUCTION PAD
GARFIELD COUNTY, COLORADO
CAERUS OIL AND GAS LLC

| PARAMETER | COGCC CONCENTRATION LEVELS | UNITS | 20180911-29C (SS-01@6") | 20181002-29C (SS-01) | 20180911-29C (SS-02 @6") | 20181002-29C (SS-02) |
|-------------------------|----------------------------------|----------|----------------------------|-------------------------|-----------------------------|-------------------------|
| Sample Date | | | 9/11/2018 | 10/2/2018 | 9/11/2018 | 10/2/2018 |
| Sample Depth | | FEET | 0 - 0.5 | 0 - 0.5 | 0 - 0.5 | 0 - 0.5 |
| Arsenic | 0.39 | mg/kg | 11 | NA | 6.4 | NA |
| Barium | 15,000 | mg/kg | 910 | NA | 550 | NA |
| Cadmium | 70 | mg/kg | 0.25 | NA | 0.25 | NA |
| Chromium (III) | 120,000 | mg/kg | 41 | NA | 30 | NA |
| Chromium (VI) | 23 | mg/kg | ND | NA | 0.45 | NA |
| Copper | 3,100 | mg/kg | 30 | NA | 24 | NA |
| Lead | 400 | mg/kg | 17 | NA | 11 | NA |
| Mercury | 23 | mg/kg | 0.034 | NA | 0.036 | NA |
| Nickel | 1,600 | mg/kg | 24 | NA | 17 | NA |
| Selenium | 390 | mg/kg | 0.44 | NA | 0.28 | NA |
| Silver | 390 | mg/kg | ND | NA | ND | NA |
| Zinc | 23,000 | mg/kg | 74 | NA | 56 | NA |
| EC | 4.0 | mmhos/cm | 5.4 | NA | 4.2 | NA |
| pH | 6 - 9 | SU | 7.62 | NA | 9.00 | NA |
| SAR | 12 | unitless | 15 | NA | 0.55 | NA |
| TPH-GRO | | mg/kg | ND | NA | ND | NA |
| TPH-DRO | | mg/kg | 99 | NA | 63 | NA |
| TPH | 500 | mg/kg | 99 | NA | 63 | NA |
| Benzene | 0.17 | mg/kg | ND | NA | ND | NA |
| Toluene | 85 | mg/kg | ND | NA | ND | NA |
| Ethylbenzene | 100 | mg/kg | ND | NA | ND | NA |
| Total Xylenes | 175 | mg/kg | 0.040 | NA | ND | NA |
| Acenaphthene | 1000 | mg/kg | ND | NA | ND | NA |
| Anthracene | 1000 | mg/kg | 0.018 | NA | 0.0067 | NA |
| Benzo(A)anthracene | 0.22 | mg/kg | 0.024 | NA | 0.023 | NA |
| Benzo(B)fluoranthene | 0.22 | mg/kg | 0.039 | NA | 0.039 | NA |
| Benzo(K)fluoranthene | 2.2 | mg/kg | 0.013 | NA | 0.014 | NA |
| Benzo(A)pyrene | 0.022 | mg/kg | 0.024 | 0.00624 | 0.023 | ND |
| Chrysene | 22 | mg/kg | 0.022 | NA | 0.016 | NA |
| Dibenzo(A,H)anthracene | 0.022 | mg/kg | ND | NA | ND | NA |
| Fluoranthene | 1000 | mg/kg | 0.051 | NA | 0.017 | NA |
| Fluorene | 1000 | mg/kg | 0.088 | NA | 0.024 | NA |
| Indeno(1,2,3,C,D)pyrene | 0.22 | mg/kg | 0.028 | NA | 0.030 | NA |
| Naphthalene | 23 | mg/kg | 0.34 | NA | 0.054 | NA |
| Pyrene | 1000 | mg/kg | 0.032 | NA | 0.021 | NA |

NOTES:

ND - analyte not detected

BOLD - indicates result exceeds the COGCC concentration level

SU - standard unit

COGCC - Colorado Oil and Gas Conservation Commission

EC- electrical conductivity

GRO - gasoline range organics

DRO - diesel range organics

TPH - total petroleum hydrocarbons

SAR - sodium adsorption ratio

mmhos/cm - millimhos per centimeter

NA - not analyzed

mg/kg - milligrams per kilogram

TABLE 1
SOIL ANALYTICAL RESULTS
29C PRODUCTION PAD
GARFIELD COUNTY, COLORADO
CAERUS OIL AND GAS LLC

| PARAMETER | COGCC CONCENTRATION LEVELS | UNITS | 20180911-29C (Terminus @6") | BACKGROUND | | |
|-------------------------|----------------------------------|----------|--------------------------------|------------|-----------|-----------|
| | | | | AS 1 | AS 2 | AS 3 |
| Sample Date | | | 9/11/2018 | 5/4/2011 | 5/4/2011 | 5/4/2011 |
| Sample Depth | | FEET | 0 - 0.5 | 0 - 0.5 | 0 - 0.5 | 0 - 0.5 |
| Arsenic | 0.39 | mg/kg | 5.4 | 23 | 28 | 44 |
| Barium | 15,000 | mg/kg | 430 | NA | NA | NA |
| Cadmium | 70 | mg/kg | 0.20 | NA | NA | NA |
| Chromium (III) | 120,000 | mg/kg | 27 | NA | NA | NA |
| Chromium (VI) | 23 | mg/kg | 0.78 | NA | NA | NA |
| Copper | 3,100 | mg/kg | 20 | NA | NA | NA |
| Lead | 400 | mg/kg | 13 | NA | NA | NA |
| Mercury | 23 | mg/kg | 0.028 | NA | NA | NA |
| Nickel | 1,600 | mg/kg | 18 | NA | NA | NA |
| Selenium | 390 | mg/kg | 0.24 | NA | NA | NA |
| Silver | 390 | mg/kg | ND | NA | NA | NA |
| Zinc | 23,000 | mg/kg | 50 | NA | NA | NA |
| EC | 4.0 | mmhos/cm | 0.51 | NA | NA | NA |
| pH | 6 - 9 | SU | 7.44 | NA | NA | NA |
| SAR | 12 | unitless | 9.9 | NA | NA | NA |
| TPH-GRO | | mg/kg | ND | NA | NA | NA |
| TPH-DRO | | mg/kg | ND | NA | NA | NA |
| TPH | 500 | mg/kg | ND | NA | NA | NA |
| Benzene | 0.17 | mg/kg | ND | NA | NA | NA |
| Toluene | 85 | mg/kg | ND | NA | NA | NA |
| Ethylbenzene | 100 | mg/kg | ND | NA | NA | NA |
| Total Xylenes | 175 | mg/kg | ND | NA | NA | NA |
| Acenaphthene | 1000 | mg/kg | ND | NA | NA | NA |
| Anthracene | 1000 | mg/kg | ND | NA | NA | NA |
| Benzo(A)anthracene | 0.22 | mg/kg | 0.0091 | NA | NA | NA |
| Benzo(B)fluoranthene | 0.22 | mg/kg | 0.019 | NA | NA | NA |
| Benzo(K)fluoranthene | 2.2 | mg/kg | 0.0091 | NA | NA | NA |
| Benzo(A)pyrene | 0.022 | mg/kg | 0.013 | NA | NA | NA |
| Chrysene | 22 | mg/kg | 0.0077 | NA | NA | NA |
| Dibenzo(A,H)anthracene | 0.022 | mg/kg | ND | NA | NA | NA |
| Fluoranthene | 1000 | mg/kg | 0.0084 | NA | NA | NA |
| Fluorene | 1000 | mg/kg | ND | NA | NA | NA |
| Indeno(1,2,3,C,D)pyrene | 0.22 | mg/kg | 0.019 | NA | NA | NA |
| Naphthalene | 23 | mg/kg | 0.012 | NA | NA | NA |
| Pyrene | 1000 | mg/kg | 0.0084 | NA | NA | NA |

NOTES:

ND - analyte not detected

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COGCC - Colorado Oil and Gas Conservation Commission

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GRO - gasoline range organics

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SAR - sodium adsorption ratio

mmhos/cm - millimhos per centimeter

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