



WEATHERFORD LABORATORIES GAS DESORPTION DATA SUMMARY

TARLEE-2
TL-2 SWC01
VELKERRI

CLIENT NAME: PANGAEA RESOURCES
JOB NO: AB-78427

SAMPLE DETAILS

SAMPLE TYPE
TOP DEPTH (m)
BOTTOM DEPTH (m)
SAMPLE DIAMETER (mm)
SAMPLE LENGTH (m)
SAMPLE WEIGHT (kg)

WALL CORE
1055.80
1056.20
25.00
0.05
0.140

CANISTER DETAILS

CANISTER NO
CANISTER DIAMETER (mm)
CANISTER LENGTH (m)
EMPTY CANISTER VOLUME (cc)
BILLET VOLUME (cc)
HEADSPACE FILLER
ANTI-MICROBIAL MATERIAL
PURGING GAS
CANISTER VOID VOLUME (cc)

SWC#1
73.50
0.07
317.00
0.00
SAND
NONE
HELIUM
206.49

AIR DRY GAS CONTENT

AIR DRY LOST GAS CONTENT (scc)
AIR DRY LOST GAS CONTENT (scc/g)
AIR DRY MEASURABLE GAS CONTENT (scc)
AIR DRY MEASURABLE GAS CONTENT (scc/g)
AIR DRY RESIDUAL GAS CONTENT (scc)
AIR DRY RESIDUAL GAS CONTENT (scc/g)
TOTAL AIR DRY GAS CONTENT (scc/g)
TOTAL AIR DRY GAS CONTENT (scf/ton)

198.120
1.415
120.631
0.862
332.461
2.375
4.652
149.036

BATH DETAILS

DESORPTION TEMPERATURE (°C) 73.00

TIMING DETAILS

CORE PENETRATED 15-Aug-15 2:27:00
CORE LEFT BOTTOM 15-Aug-15 2:45:00
CORE AT SURFACE 15-Aug-15 3:54:00
SAMPLE IN CANISTER 15-Aug-15 4:30:00
SAMPLE ON TEST 16-Aug-15 8:48:00
TIME ZERO 15-Aug-15 3:19:30
ON TEST 23.93 DAYS
SORPTION TIME >23.93 DAYS

PROXIMATE ANALYSIS (AIR DRY BASIS)

RESIDUAL MOISTURE (wt.%) N/A
ASH (wt.%) N/A
VOLATILE MATTER (wt.%) N/A
FIXED CARBON (wt.%) N/A

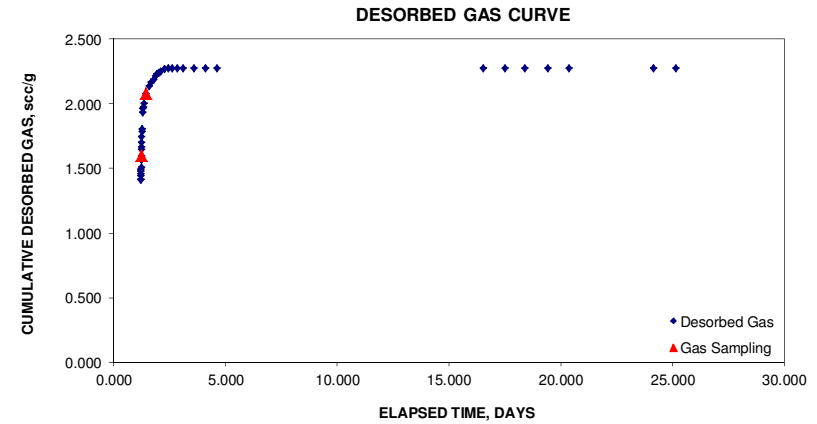
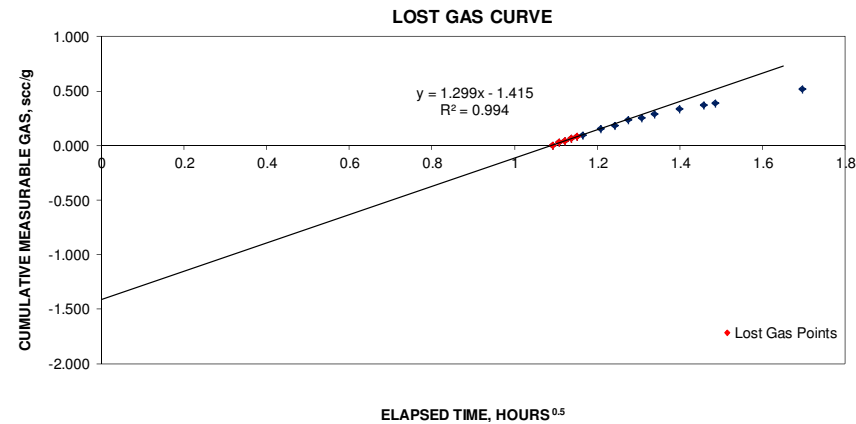
TOTAL ORGANIC CARBON ANALYSIS

TOC (wt.%) 5.41

GAS COMPOSITION ANALYSIS^W

DATE	N/A	N/A	N/A
TIME	N/A	N/A	N/A
CH ₄ (%)	N/A	N/A	N/A
C ₂ H ₆ (%)	N/A	N/A	N/A
C ₃ H ₈ (%)	N/A	N/A	N/A
C ₄ H ₁₀ + (%)	N/A	N/A	N/A
CO ₂ (%)	N/A	N/A	N/A

NOTE: ^W DENOTES N₂ & O₂ SET TO ZERO





WEATHERFORD LABORATORIES GAS DESORPTION DATA SUMMARY

TARLEE-2
TL-2 SWC02
VELKERRI

CLIENT NAME: PANGAEA RESOURCES
JOB NO: AB-78427

SAMPLE DETAILS

SAMPLE TYPE
TOP DEPTH (m)
BOTTOM DEPTH (m)
SAMPLE DIAMETER (mm)
SAMPLE LENGTH (m)
SAMPLE WEIGHT (kg)

WALL CORE
1049.30
1049.70
25.00
0.05
0.151

CANISTER DETAILS

CANISTER NO
CANISTER DIAMETER (mm)
CANISTER LENGTH (m)
EMPTY CANISTER VOLUME (cc)
BILLET VOLUME (cc)
HEADSPACE FILLER
ANTI-MICROBIAL MATERIAL
PURGING GAS
CANISTER VOID VOLUME (cc)

SWC#2
73.99
0.07
321.00
0.00
SAND
NONE
HELIUM
189.34

AIR DRY GAS CONTENT

AIR DRY LOST GAS CONTENT (scc)
AIR DRY LOST GAS CONTENT (scc/g)
AIR DRY MEASURABLE GAS CONTENT (scc)
AIR DRY MEASURABLE GAS CONTENT (scc/g)
AIR DRY RESIDUAL GAS CONTENT (scc)
AIR DRY RESIDUAL GAS CONTENT (scc/g)
TOTAL AIR DRY GAS CONTENT (scc/g)
TOTAL AIR DRY GAS CONTENT (scf/ton)

166.007
1.102
91.938
0.610
123.133
0.818
2.530
81.054

BATH DETAILS

DESORPTION TEMPERATURE (°C) 73.00

TIMING DETAILS

CORE PENETRATED 15-Aug-15 16:00:00
CORE LEFT BOTTOM 15-Aug-15 16:16:00
CORE AT SURFACE 15-Aug-15 17:09:00
SAMPLE IN CANISTER 15-Aug-15 17:35:00
SAMPLE ON TEST 16-Aug-15 8:48:00
TIME ZERO 15-Aug-15 16:42:30
ON TEST 25.00 DAYS
SORPTION TIME >25.00 DAYS

PROXIMATE ANALYSIS (AIR DRY BASIS)

RESIDUAL MOISTURE (wt.%) N/A
ASH (wt.%) N/A
VOLATILE MATTER (wt.%) N/A
FIXED CARBON (wt.%) N/A

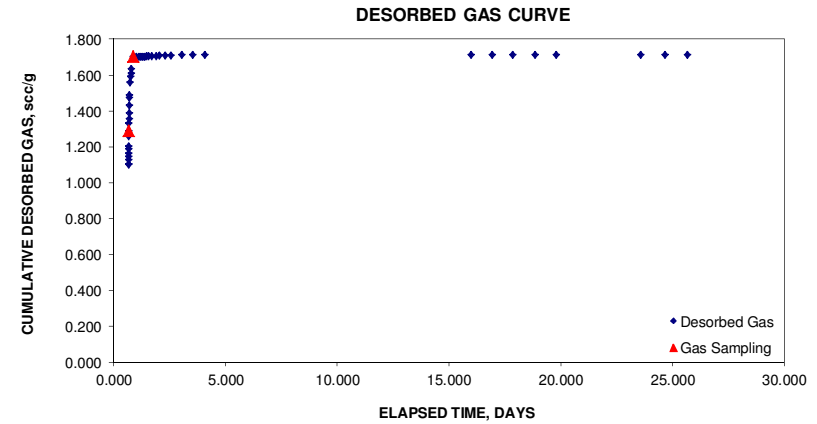
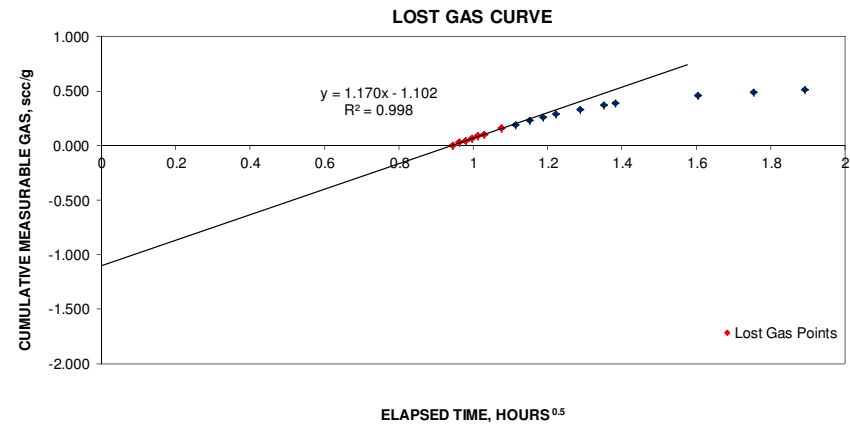
TOTAL ORGANIC CARBON ANALYSIS

TOC (wt.%) 5.71

GAS COMPOSITION ANALYSIS^W

DATE	N/A	N/A	N/A
TIME	N/A	N/A	N/A
CH ₄ (%)	N/A	N/A	N/A
C ₂ H ₆ (%)	N/A	N/A	N/A
C ₃ H ₈ (%)	N/A	N/A	N/A
C ₄ H ₁₀ + (%)	N/A	N/A	N/A
CO ₂ (%)	N/A	N/A	N/A

NOTE: ^W DENOTES N₂ & O₂ SET TO ZERO





WEATHERFORD LABORATORIES GAS DESORPTION DATA SUMMARY

TARLEE-2
TL-2 SWC03
VELKERRI

CLIENT NAME: PANGAEA RESOURCES
JOB NO: AB-78427

SAMPLE DETAILS

SAMPLE TYPE
TOP DEPTH (m)
BOTTOM DEPTH (m)
SAMPLE DIAMETER (mm)
SAMPLE LENGTH (m)
SAMPLE WEIGHT (kg)

WALL CORE
1028.50
1028.90
25.00
0.05
0.141

CANISTER DETAILS

CANISTER NO
CANISTER DIAMETER (mm)
CANISTER LENGTH (m)
EMPTY CANISTER VOLUME (cc)
BILLET VOLUME (cc)
HEADSPACE FILLER
ANTI-MICROBIAL MATERIAL
PURGING GAS
CANISTER VOID VOLUME (cc)

SWC#2
73.75
0.07
329.00
0.00
SAND
NONE
HELIUM
215.41

AIR DRY GAS CONTENT

AIR DRY LOST GAS CONTENT (scc)
AIR DRY LOST GAS CONTENT (scc/g)
AIR DRY MEASURABLE GAS CONTENT (scc)
AIR DRY MEASURABLE GAS CONTENT (scc/g)
AIR DRY RESIDUAL GAS CONTENT (scc)
AIR DRY RESIDUAL GAS CONTENT (scc/g)
TOTAL AIR DRY GAS CONTENT (scc/g)
TOTAL AIR DRY GAS CONTENT (scf/ton)

290.869
2.063
214.222
1.519
161.111
1.143
4.725
151.375

BATH DETAILS

DESORPTION TEMPERATURE (°C) 73.00

TIMING DETAILS

CORE PENETRATED 16-Aug-15 4:22:00
CORE LEFT BOTTOM 16-Aug-15 4:41:00
CORE AT SURFACE 16-Aug-15 5:46:00
SAMPLE IN CANISTER 16-Aug-15 6:08:00
SAMPLE ON TEST 16-Aug-15 8:48:00
TIME ZERO 16-Aug-15 5:13:30
ON TEST 25.00 DAYS
SORPTION TIME 0.23 DAYS

PROXIMATE ANALYSIS (AIR DRY BASIS)

RESIDUAL MOISTURE (wt.%) N/A
ASH (wt.%) N/A
VOLATILE MATTER (wt.%) N/A
FIXED CARBON (wt.%) N/A

TOTAL ORGANIC CARBON ANALYSIS

TOC (wt.%) 5.08

GAS COMPOSITION ANALYSIS^W

DATE	N/A	N/A	N/A
TIME	N/A	N/A	N/A
CH ₄ (%)	N/A	N/A	N/A
C ₂ H ₆ (%)	N/A	N/A	N/A
C ₃ H ₈ (%)	N/A	N/A	N/A
C ₄ H ₁₀ + (%)	N/A	N/A	N/A
CO ₂ (%)	N/A	N/A	N/A

NOTE: ^W DENOTES N₂ & O₂ SET TO ZERO

