Plot Name: KGS_Phase2 results_08-13
Plot File: KGS_Phase2 results_08-13.PLT
Well File: GR_Inexco A-1 Wasp.LAS
Time: 01:16 PM
Date: Mon, Aug 18, 2008
Log analyst: Stefani Whittaker

The Discovery Group, Inc.

DIGITAL FORMATION
LESA for Windows 7.0

County: SUBLETTE
Field: MERNA
Location: NW NE SW 28-36N-112W
Well: WASP #A-1
Company: INEXCO OIL

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Well: WASP #A-1
File: GR_Inexco A-1 Wasp.LAS
Field: MERNA
County: SUBLETTE State: WYOMING Country: USA
API: 4903520088

Location: NW NE SW 28-36N-112W
1532 FWL 2303 FSL

SCHLUMBERGER
BHC-GR

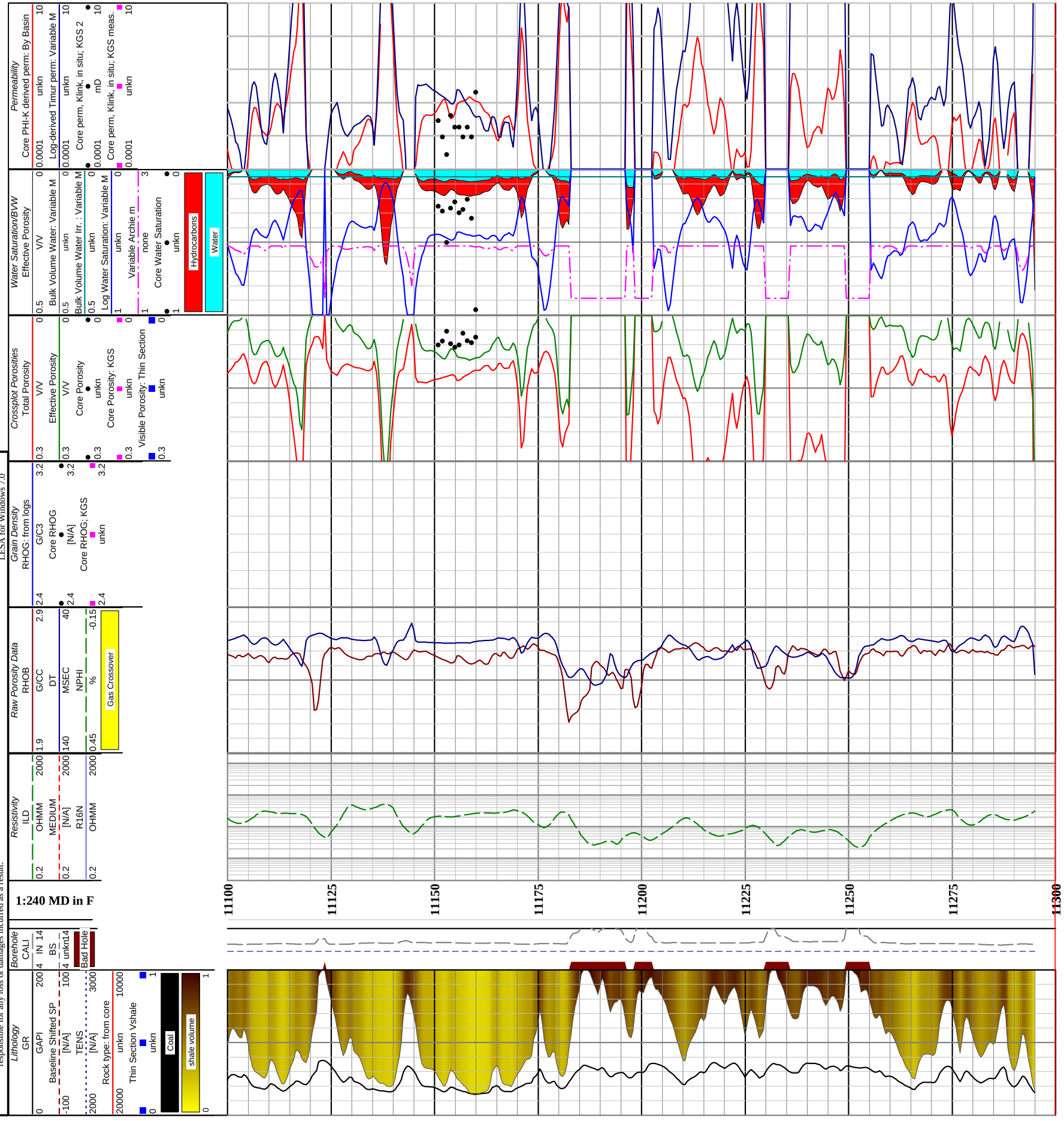
Sect: 28 Twp: 36N Rng: 112W

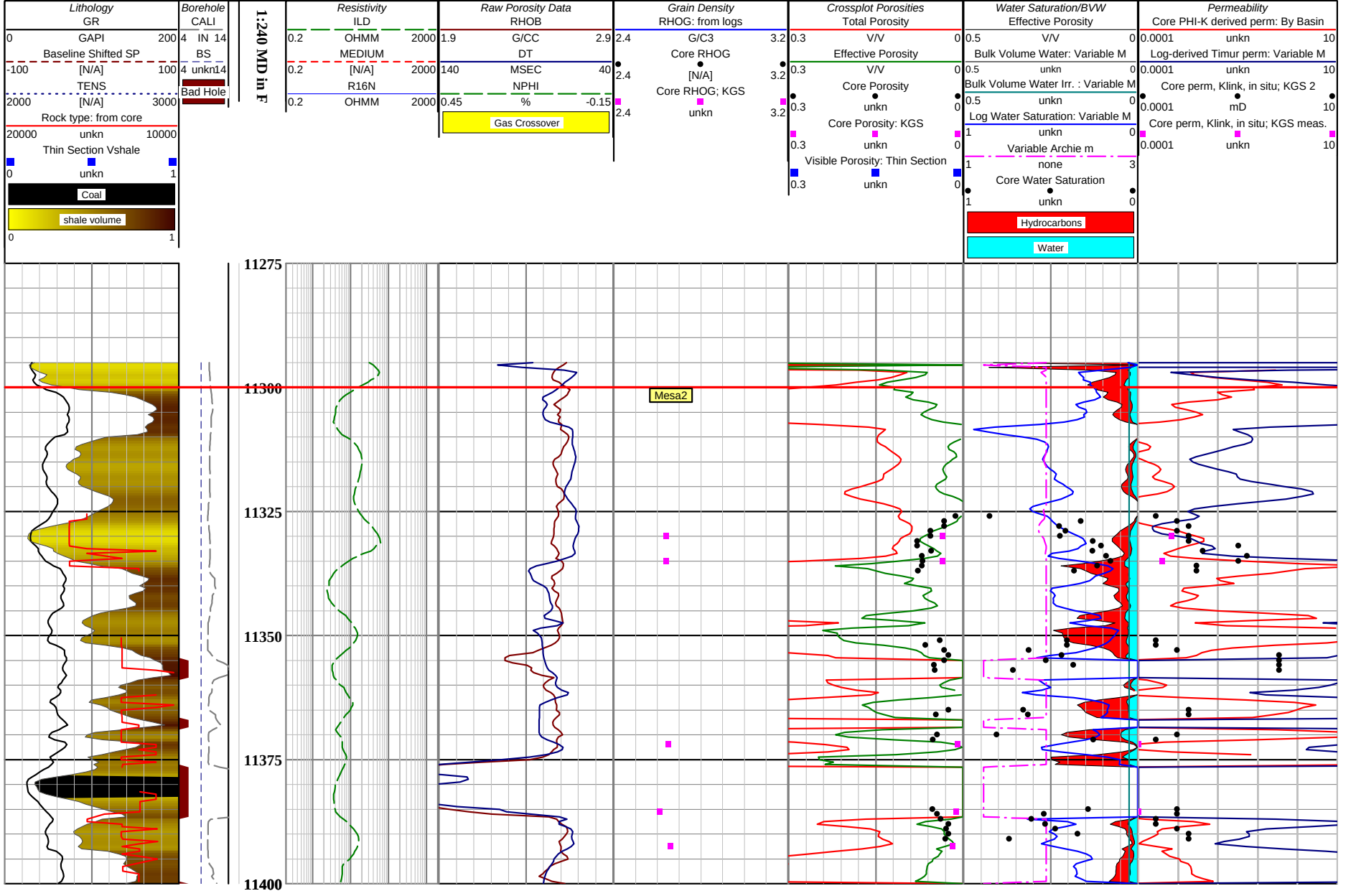
Permanent datum G.L. @ 7788 ft
Log measured from K.B. 24 FT above perm datum
Drlg measured from K.B.

Elev.: KB: 7812 F
DF:
GL: 7788 FT

Date		07-18-1969		11-7-1969		2-6-1976		3-25-1976
Run No.		RUN 1		RUN 2		RUN 3		RUN 4
Depth Driller		10186		14363		16974		18124
Depth Logger		10185		14356		16970		18118
Bottom Logged Interval		10184		14349		16968		18115
Top Logged Interval		2079		10180		14000		16450
Casing Driller		13.375 @ 1844		9.625 @ 10182		7.75 @ 16209		5.5 @ 16975
Casing Logger		1840		10180		16213		16972
Bit Size		12.25		8.5		6.5		4.5
Type Fluid in Hole		FGM		FGM / Diesel Invert		Invert Emulsion		Invert Emulsion
Density	Viscosity	8	55	12.8	47	19.5	138	18.7	75
pH	Fluid Loss	8.5	4.8		4.2		3.2		
Source of Sample		Pit						
Rm @ Meas. Temp.		6.6 @ 75		@		@		@
Rmf @ Meas. Temp.		5.52 @ 75		@		@		@
Rmc @ Meas. Temp.		@		@		@		@
Source: Rmf	Rmc							
Rm @ BHT	Rmf @ BHT	@ 152		@ 260		@ 290		@ 316
Time: Circulation Stopped		8		1.5 HRS		0600 2-6		1600 3-25
Time: Tool Last on Bottom						1700 2-6		2100 3-25
Max. Rec. Temp.		152		260		290		316
Equipment Location		4308		4308		Rock Springs		Rock Springs
Recorded By		Rust		Dalby		Frisinger		Frisinger
Witnessed By		Welch		Rhodelander-Covey		Goser-Sandifer		Donnewalde-Bessenyei

Disclaimer: Interpretations from electrical or other measurements in wellbores are opinions based upon inferences as to tool response in the underground formation. Neither Digital Formation nor The Discovery Group,Inc. guarantee the accuracy or correctness of any interpretation made using the LESA for Windows software. Consequently, neither company shall be liable or responsible for any loss or damages incurred as a result.

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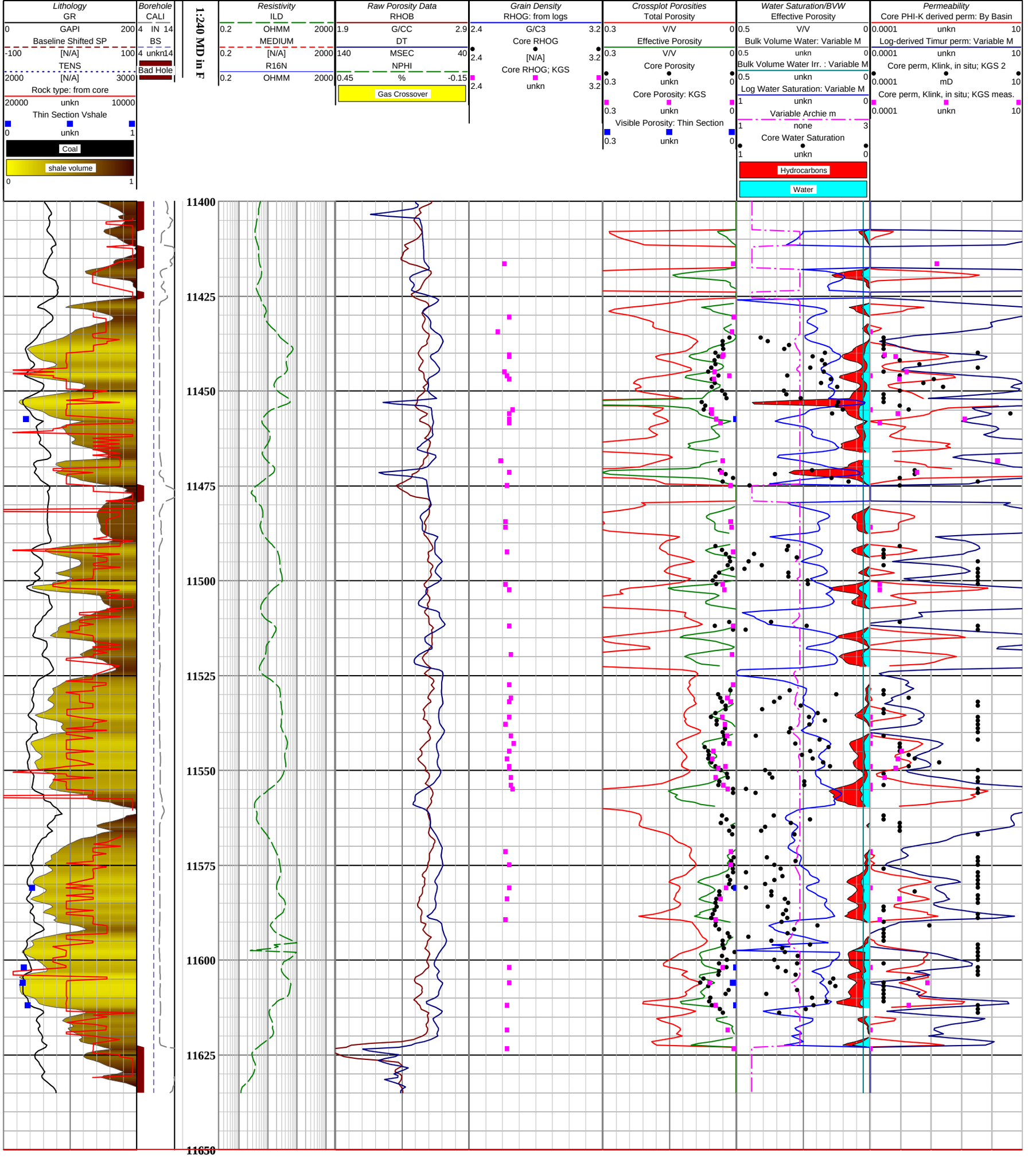
GR
0 GAPI 200
Baseline Shifted SP
-100 [N/A] 100
TENS
2000 [N/A] 3000
Rock type: from core
20000 unkn 10000
Thin Section Vshale
0 unkn 1
Coal
shale volume
0 1
Borehole
CALI
4 IN 14
BS
4 unkn 14
Bad Hole
1:240 MD in F
Resistivity
ILD
0.2 OHMM 2000
MEDIUM
0.2 [N/A] 2000
R16N
0.2 OHMM 2000
Raw Porosity Data
RHOB
1.9 G/CC 2.9
DT
140 MSEC 40
NPHI
0.45 % -0.15
Gas Crossover
Grain Density
RHOG: from logs
2.4 G/C3 3.2
Core RHOG
2.4 [N/A] 3.2
Core RHOG; KGS
2.4 unkn 3.2
Crossplot Porosities
Total Porosity
0.3 V/V 0
Effective Porosity
0.3 V/V 0
Core Porosity
0.3 unkn 0
Core Porosity: KGS
0.3 unkn 0
Visible Porosity: Thin Section
0.3 unkn 0
Water Saturation/BVW
Effective Porosity
0.5 V/V 0
Bulk Volume Water: Variable M
0.5 unkn 0
Bulk Volume Water Irr. : Variable M
0.5 unkn 0
Log Water Saturation: Variable M
1 unkn 0
Variable Archie m
1 none 3
Core Water Saturation
1 unkn 0
Hydrocarbons
Water
Permeability
Core PHI-K derived perm: By Basin
0.0001 unkn 10
Log-derived Timur perm: Variable M
0.0001 unkn 10
Core perm, Klink, in situ; KGS 2
0.0001 mD 10
Core perm, Klink, in situ; KGS meas.
0.0001 unkn 10
11275
11300
11325
11350
11375
11400
Mesa2


Lithology
GR
0 GAPI 200
Baseline Shifted SP
-100 [N/A] 100
TENS
2000 [N/A] 3000
Rock type: from core
20000 unkn 10000
Thin Section Vshale
0 unkn 1
Coal
shale volume
0 1
Borehole
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Bad Hole
1:240 MD in F
Resistivity
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0.2 OHMM 2000
MEDIUM
0.2 [N/A] 2000
R16N
0.2 OHMM 2000
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DT
140 MSEC 40
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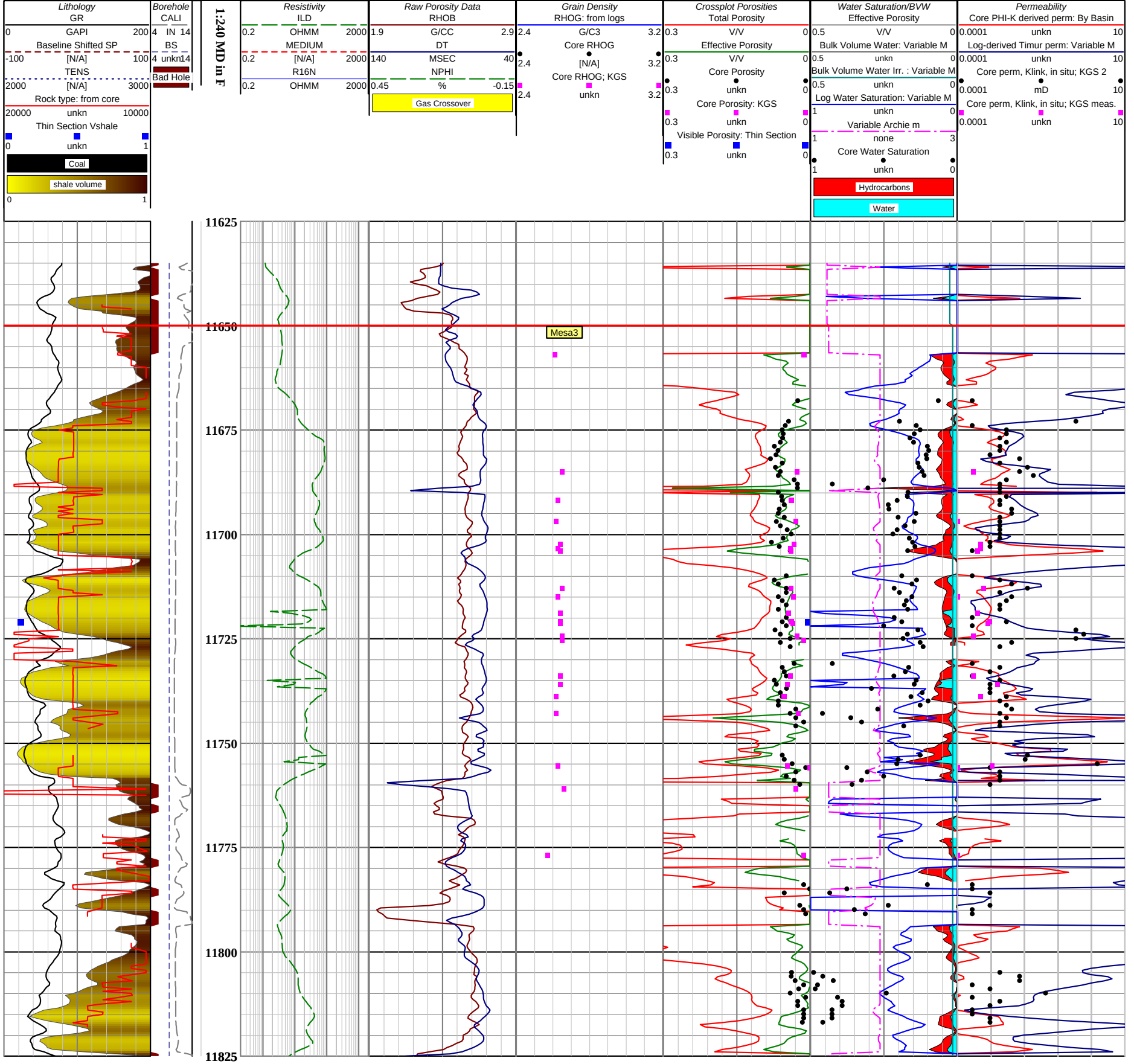
2.4 unkn 3.2
Crossplot Porosities
Total Porosity
0.3 V/V 0
Effective Porosity
0.3 V/V 0
Core Porosity
0.3 unkn 0
Core Porosity: KGS
0.3 unkn 0
Visible Porosity: Thin Section
0.3 unkn 0
Water Saturation/BVW
Effective Porosity
0.5 V/V 0
Bulk Volume Water: Variable M
0.5 unkn 0
Bulk Volume Water Irr. : Variable M
0.5 unkn 0
Log Water Saturation: Variable M
1 unkn 0
Variable Archie m
1 none 3
Core Water Saturation
1 unkn 0
Hydrocarbons
Water
Permeability
Core PHI-K derived perm: By Basin
0.0001 unkn 10
Log-derived Timur perm: Variable M
0.0001 unkn 10
Core perm, Klink, in situ; KGS 2
0.0001 mD 10
Core perm, Klink, in situ; KGS meas.
0.0001 unkn 10
11400
11425
11450
11475
11500
11525
11550
11575
11600
11625
11650


Lithology
GR
0 GAPI 200
Baseline Shifted SP
-100 [N/A] 100
TENS
2000 [N/A] 3000
Rock type: from core
20000 unkn 10000
Thin Section Vshale
0 unkn 1
Coal
shale volume
0 1
Borehole
CALI
4 IN 14
BS
4 unkn 14
Bad Hole
1:240 MD in F
Resistivity
ILD
0.2 OHMM 2000
MEDIUM
0.2 [N/A] 2000
R16N
0.2 OHMM 2000
Raw Porosity Data
RHOB
1.9 G/CC 2.9
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140 MSEC 40
NPHI
0.45 % -0.15
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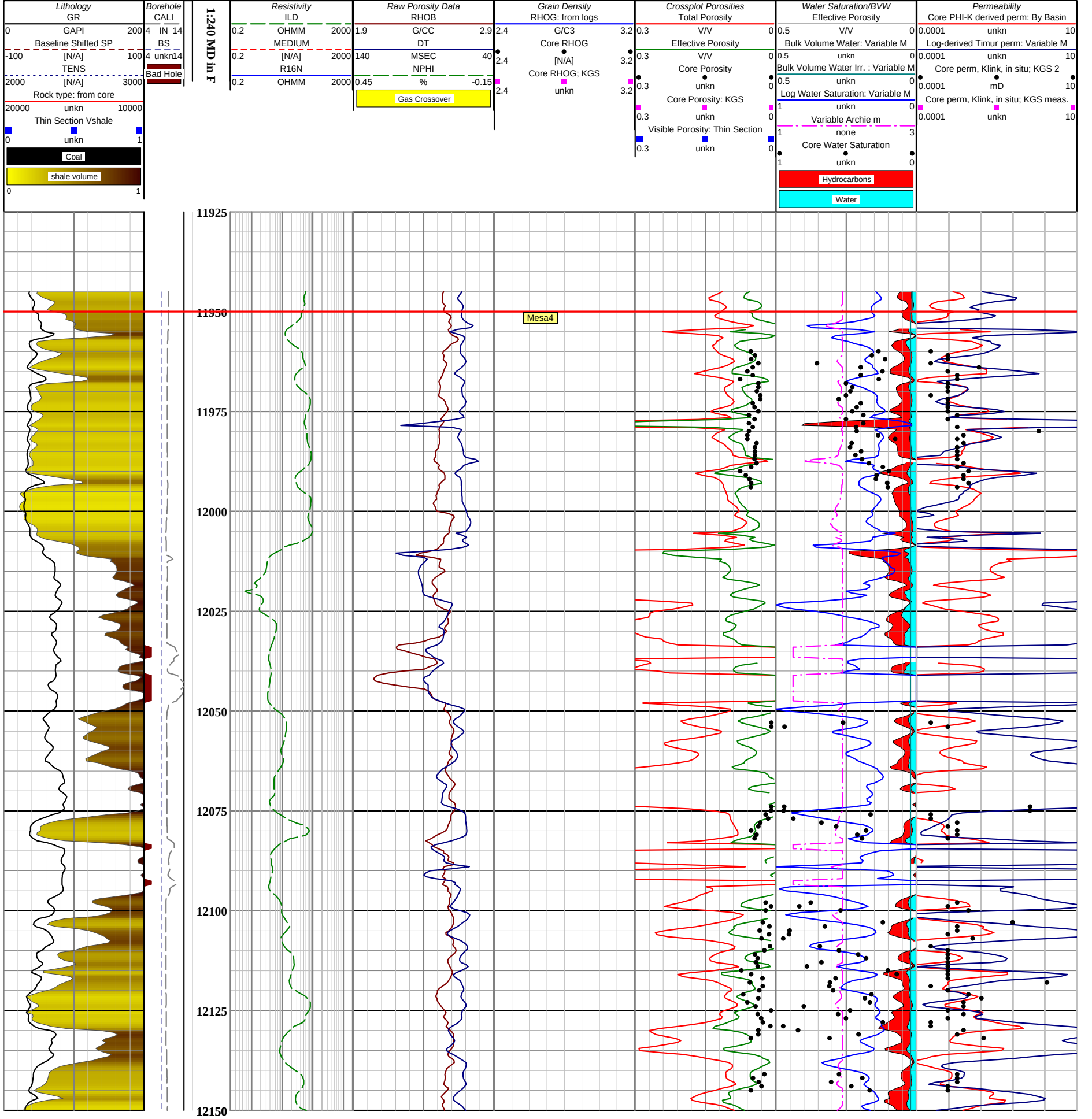
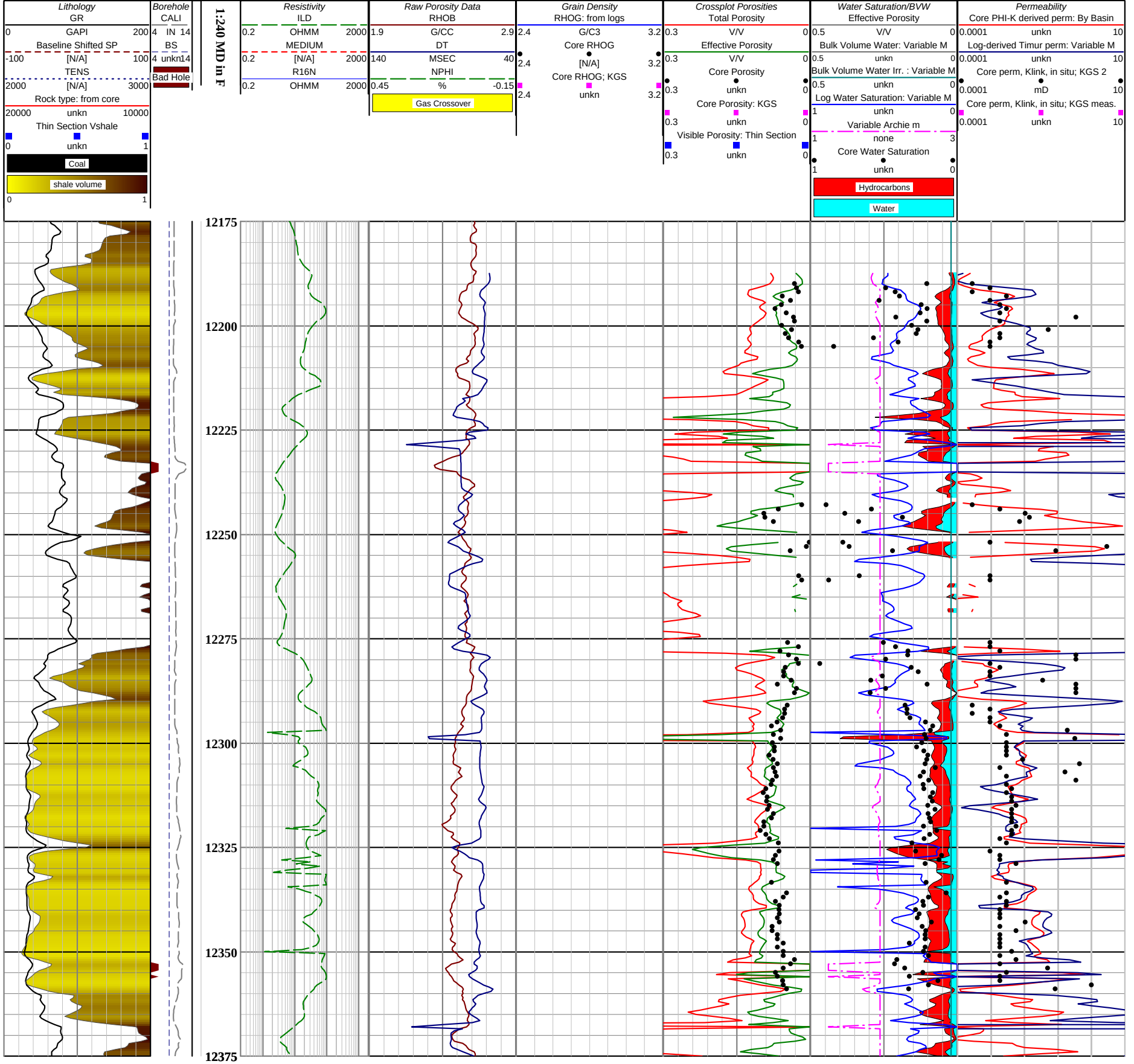
Grain Density
RHOG: from logs
2.4 G/C3 3.2
Core RHOG
2.4 [N/A] 3.2
Core RHOG; KGS
2.4 unkn 3.2
Crossplot Porosities
Total Porosity
0.3 V/V 0
Effective Porosity
0.3 V/V 0
Core Porosity
0.3 unkn 0
Core Porosity: KGS
0.3 unkn 0
Visible Porosity: Thin Section
0.3 unkn 0
Water Saturation/BVW
Effective Porosity
0.5 V/V 0
Bulk Volume Water: Variable M
0.5 unkn 0
Bulk Volume Water Irr. : Variable M
0.5 unkn 0
Log Water Saturation: Variable M
1 unkn 0
Variable Archie m
1 none 3
Core Water Saturation
1 unkn 0
Hydrocarbons
Water
Permeability
Core PHI-K derived perm: By Basin
0.0001 unkn 10
Log-derived Timur perm: Variable M
0.0001 unkn 10
Core perm, Klink, in situ; KGS 2
0.0001 mD 10
Core perm, Klink, in situ; KGS meas.
0.0001 unkn 10
11625
11650
11675
11700
11725
11750
11775
11800
11825
Mesa3


Lithology
GR
0 GAPI 200
Baseline Shifted SP
-100 [N/A] 100
TENS
2000 [N/A] 3000
Rock type: from core
20000 unkn 10000
Thin Section Vshale
0 unkn 1
Coal
shale volume
0 1
Borehole
CALI
4 IN 14
BS
4 unkn 14
Bad Hole
1:240 MD in F
Resistivity
ILD
0.2 OHMM 2000
MEDIUM
0.2 [N/A] 2000
R16N
0.2 OHMM 2000
Raw Porosity Data
RHOB
1.9 G/CC 2.9
DT
140 MSEC 40
NPHI
0.45 % -0.15
Gas Crossover
Grain Density
RHOG: from logs
2.4 G/C3 3.2
Core RHOG
2.4 [N/A] 3.2
Core RHOG; KGS
2.4 unkn 3.2
Crossplot Porosities
Total Porosity
0.3 V/V 0
Effective Porosity
0.3 V/V 0
Core Porosity
0.3 unkn 0
Core Porosity: KGS
0.3 unkn 0
Visible Porosity: Thin Section
0.3 unkn 0
Water Saturation/BVW
Effective Porosity
0.5 V/V 0
Bulk Volume Water: Variable M
0.5 unkn 0
Bulk Volume Water Irr. : Variable M
0.5 unkn 0
Log Water Saturation: Variable M
1 unkn 0
Variable Archie m
1 none 3
Core Water Saturation
1 unkn 0
Hydrocarbons
Water
Permeability
Core PHI-K derived perm: By Basin
0.0001 unkn 10
Log-derived Timur perm: Variable M
0.0001 unkn 10
Core perm, Klink, in situ; KGS 2
0.0001 mD 10
Core perm, Klink, in situ; KGS meas.
0.0001 unkn 10
11925
11950
11975
12000
12025
12050
12075
12100
12125
12150
Mesa4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GR
0 GAPI 200
Baseline Shifted SP
-100 [N/A] 100
TENS
2000 [N/A] 3000
Rock type: from core
20000 unkn 10000
Thin Section Vshale
0 unkn 1
Coal
shale volume
0 1
Borehole
CALI
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BS
4 unkn 14
Bad Hole
1:240 MD in F
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0.2 OHMM 2000
MEDIUM
0.2 [N/A] 2000
R16N
0.2 OHMM 2000
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Core Porosity: KGS
0.3 unkn 0
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0.3 unkn 0
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Bulk Volume Water Irr. : Variable M
0.5 unkn 0
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0.0001 mD 10
Core perm, Klink, in situ; KGS meas.
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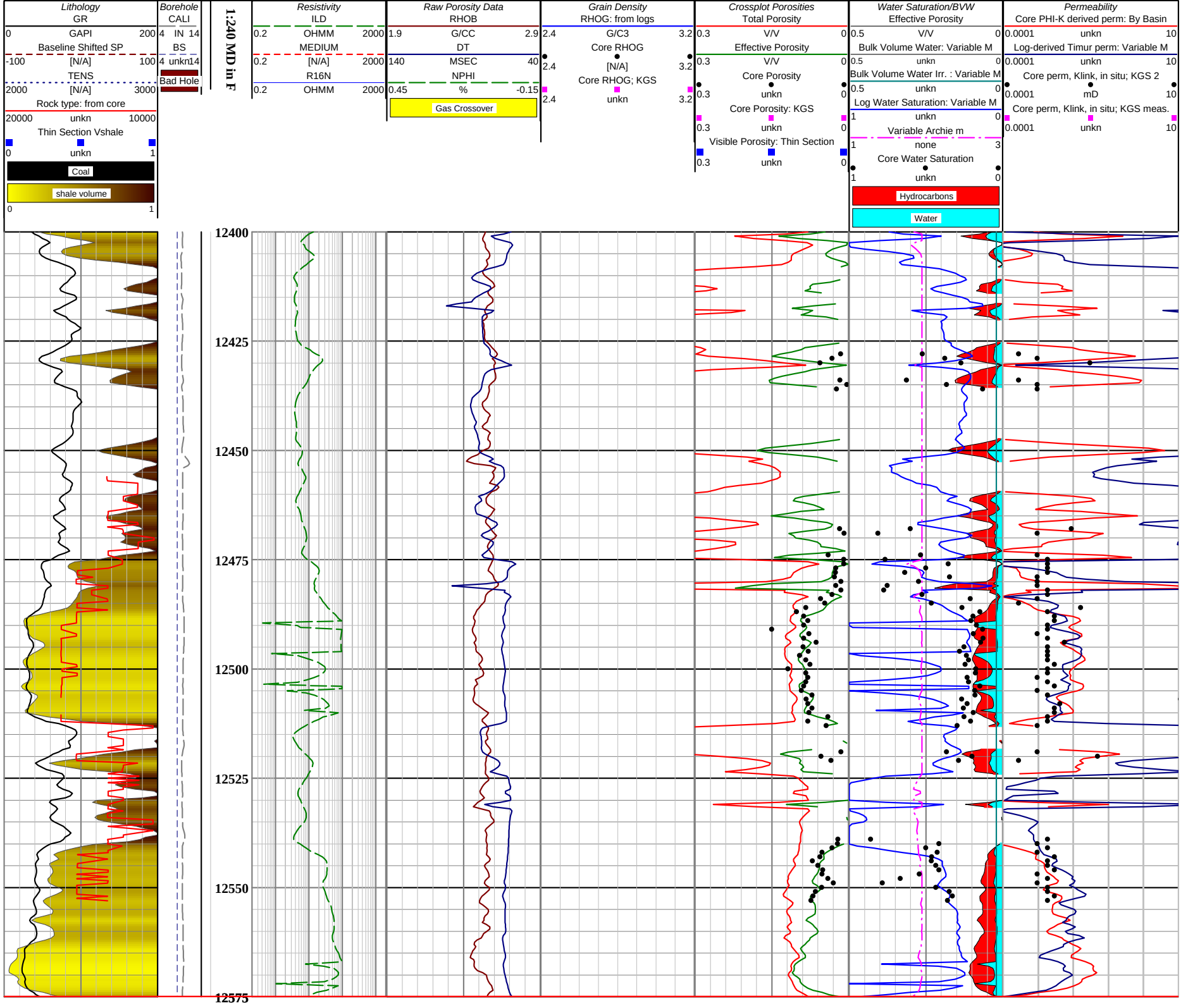
12200
12225
12250
12275
12300
12325
12350
12375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2000 [N/A] 3000
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12400
12425
12450
12475
12500
12525
12550
12575