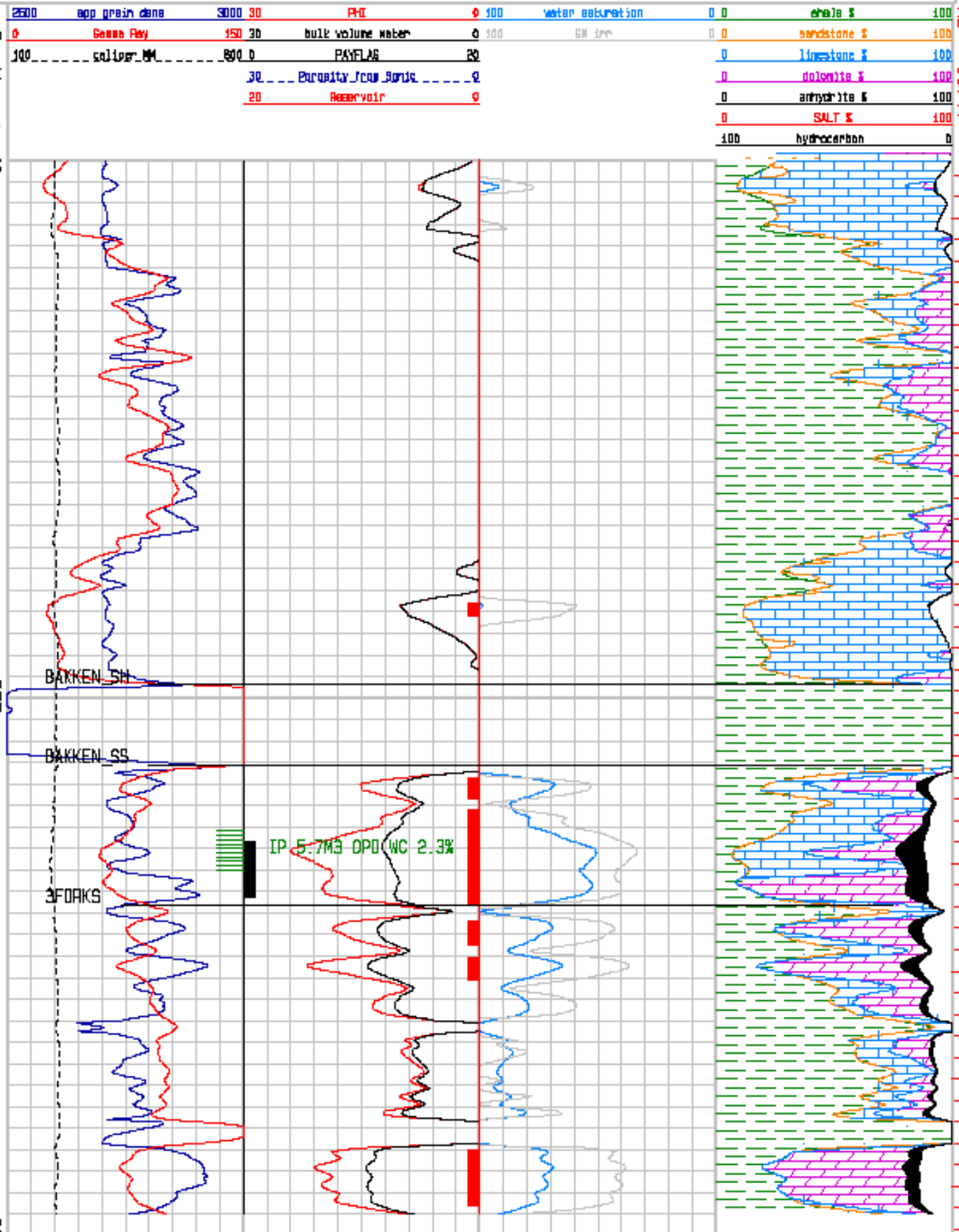
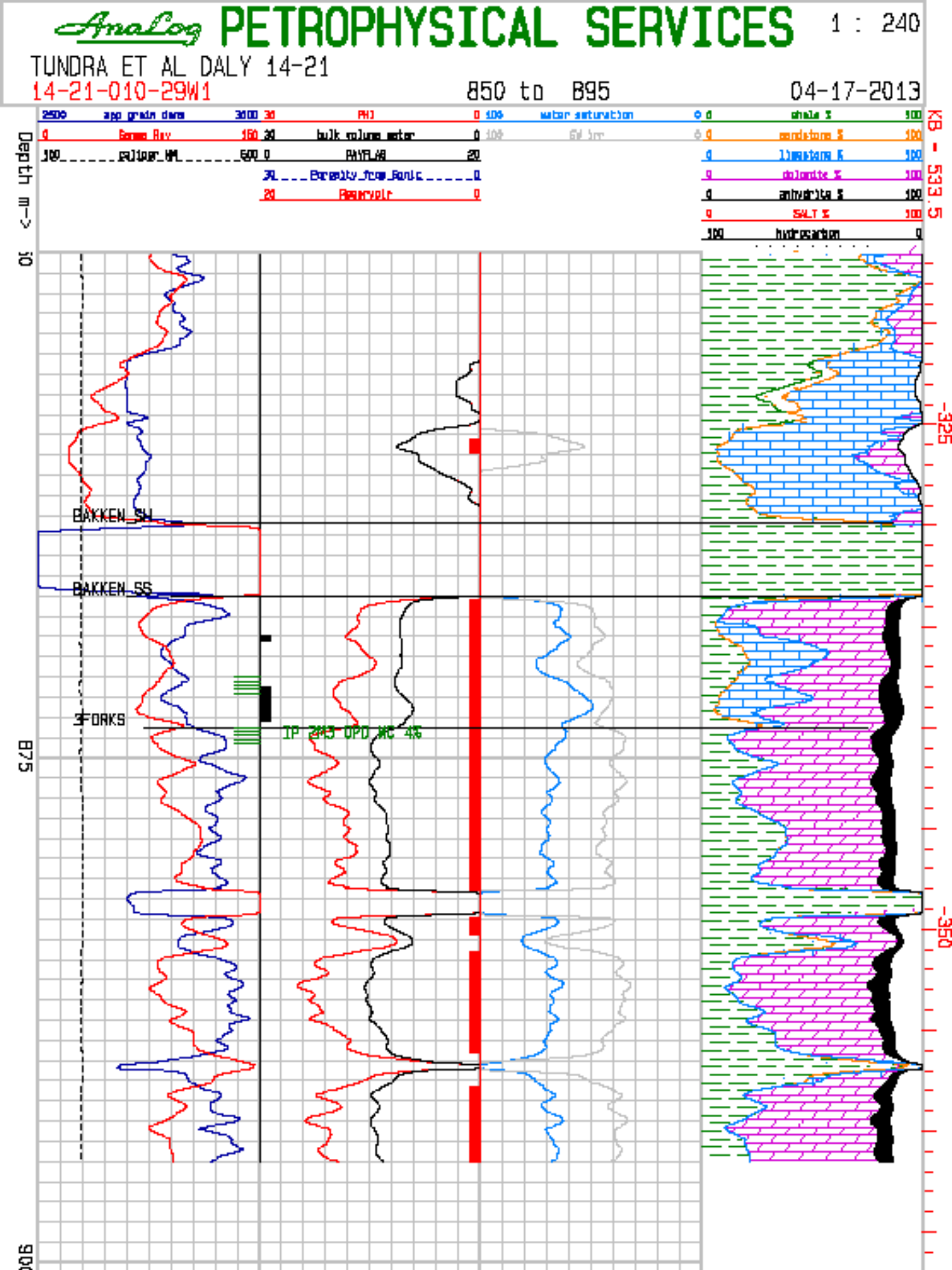
Analog **PETROPHYSICAL SERVICES** 1 : 240

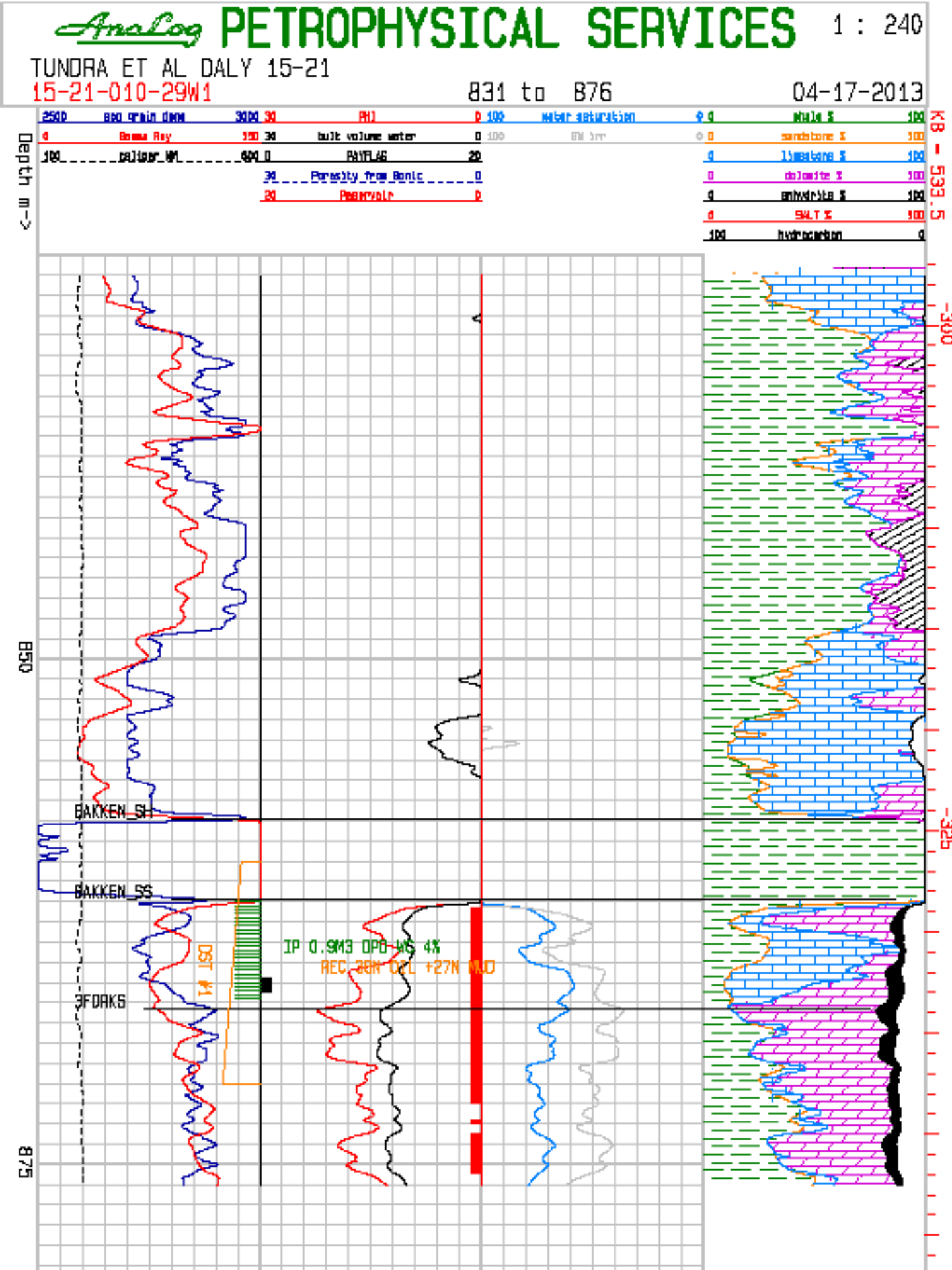
NEWSOPE OPINAC OLY PROV 16-20

16-20-010-29W1 850 to 899 05-17-2013

Appendix 10



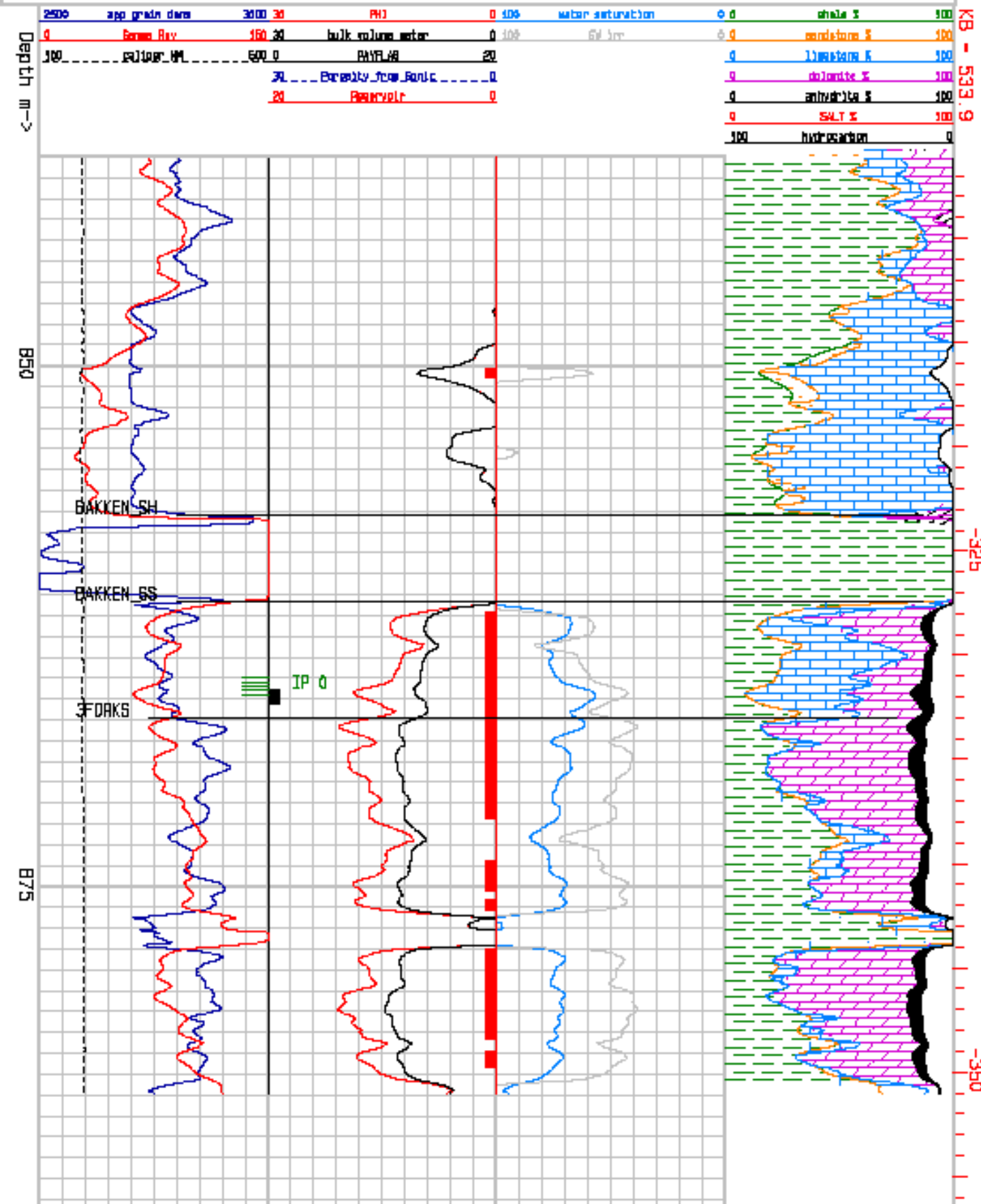

Analog PETROPHYSICAL SERVICES
1 : 240
TUNDRA ET AL DALY 14-21
14-21-010-29W1
850 to 895
04-17-2013
2500 app grain dens 3000
0 Gamma Ray 150
100 caliper_HH 600
30 PHI 0
30 bulk volume water 0
0 PAYFLAG 20
30 Porosity from Rhob 0
20 Reservoir 0
0 100 water saturation 0
100 GW_brr 0
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m->
KB = 533.5
-325
-350
BAKKEN_SH
BAKKEN_SS
3FORKS
IP 243 OPD NC 4%
850
900


Analog PETROPHYSICAL SERVICES
1 : 240
TUNDRA ET AL DALY 15-21
15-21-010-29W1
831 to 876
04-17-2013
2500 800 grain dens 3000
0 Gamma Ray 150
100 caliper_MM 400
30 PHI 0
30 bulk volume water 0
0 PAYFLAG 20
30 Porosity from Sonic 0
20 Reservoir 0
0 water saturation 100
0 BW frn 100
0 whole % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB - 533.5
-300
-325
850
875
BAKKEN_SH
BAKKEN_SS
3FORKS
DST #1
IP 0.9M3 OPD WC 4%
REC 38M OCL +27M MUD

Analog **PETROPHYSICAL SERVICES** 1 : 240

NEWSOPE OPINAC DALAY 16-21

16-21-010-29W1 840 to 885 04-17-2013



Analog PETROPHYSICAL SERVICES

1 : 240

TUNDRA DALY 16-24-10-29W1

16-24-10-29W1

802 to 847

04-17-2013

2000	app grain dens 3400	30	PHI 0	100	water saturation	0 0	shale % 100
0	Gamma Ray 150	30	bulk volume water 0	100	SW irr	0	sandstone % 100
100	caliper MR 600	0	PAYFLAG 80			0	limestone % 100
		30	Porosity from Sonic 0			0	dolomite % 100
		20	Reservoir 0			0	anhydrite % 100
						0	SALT % 100
						100	hydrocarbon 0

Depth m ->

KB 522.54

10

825

BAKKEN_SH

BAKKEN_SS

3FORKS

-300

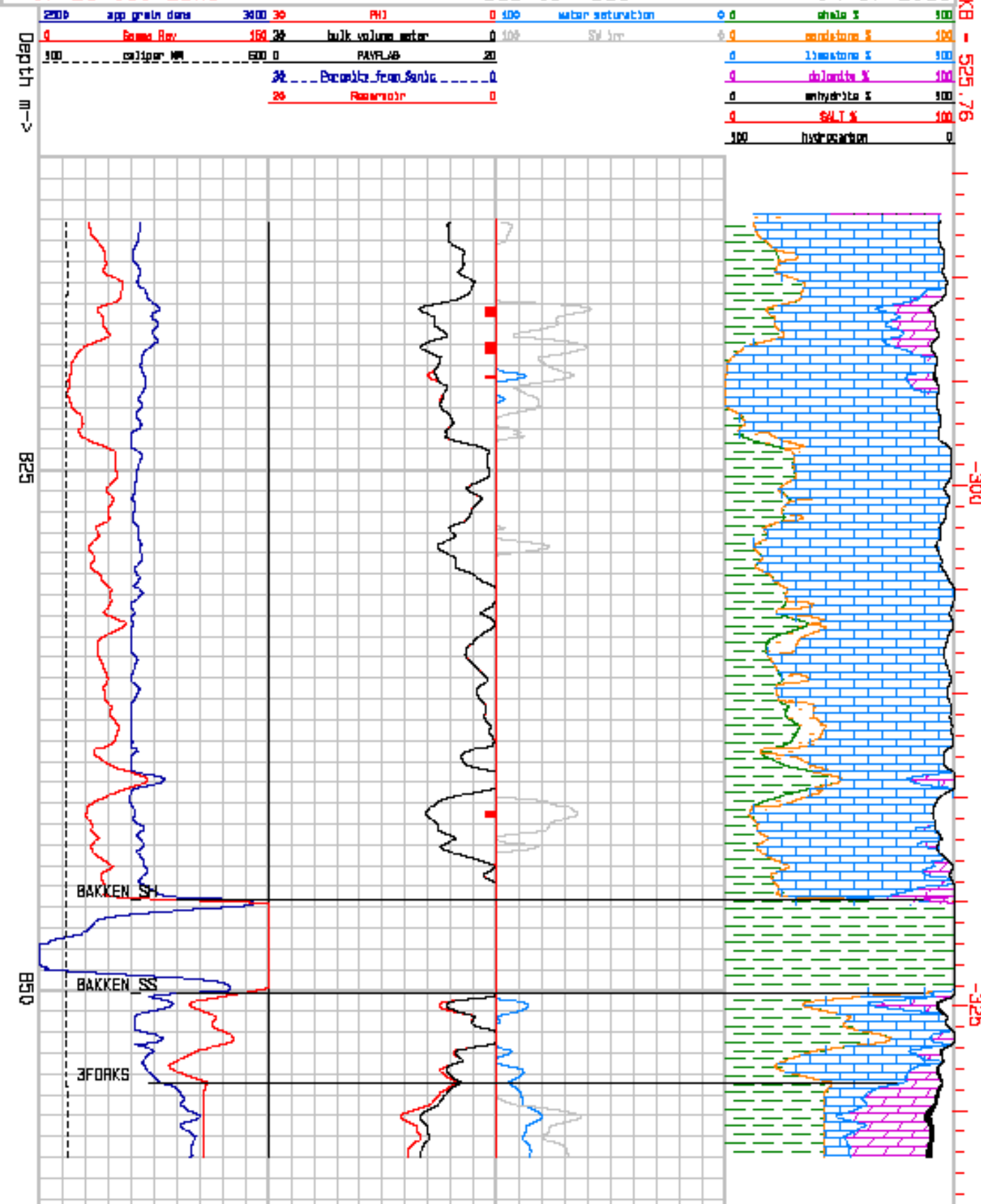
-325

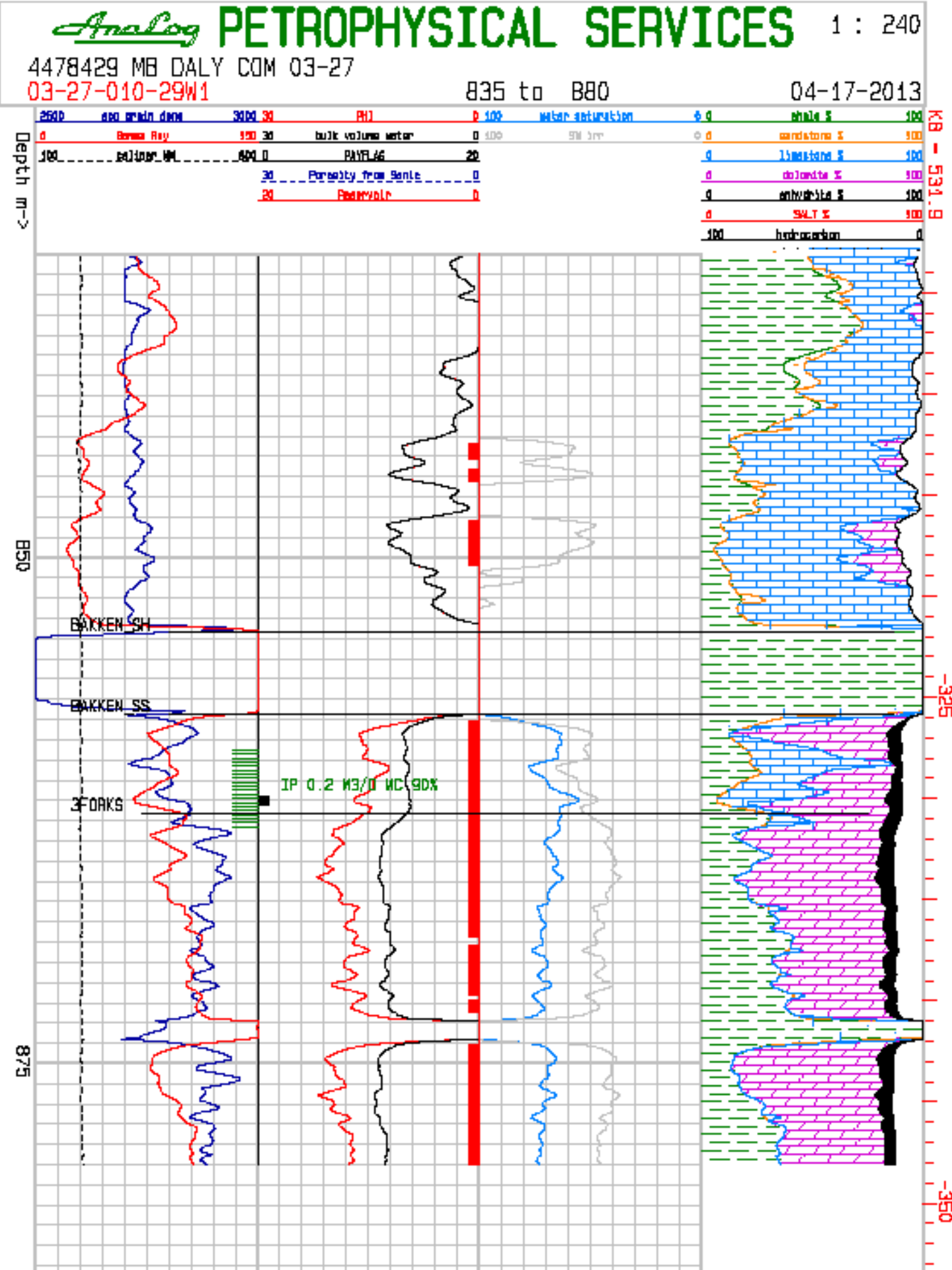
85

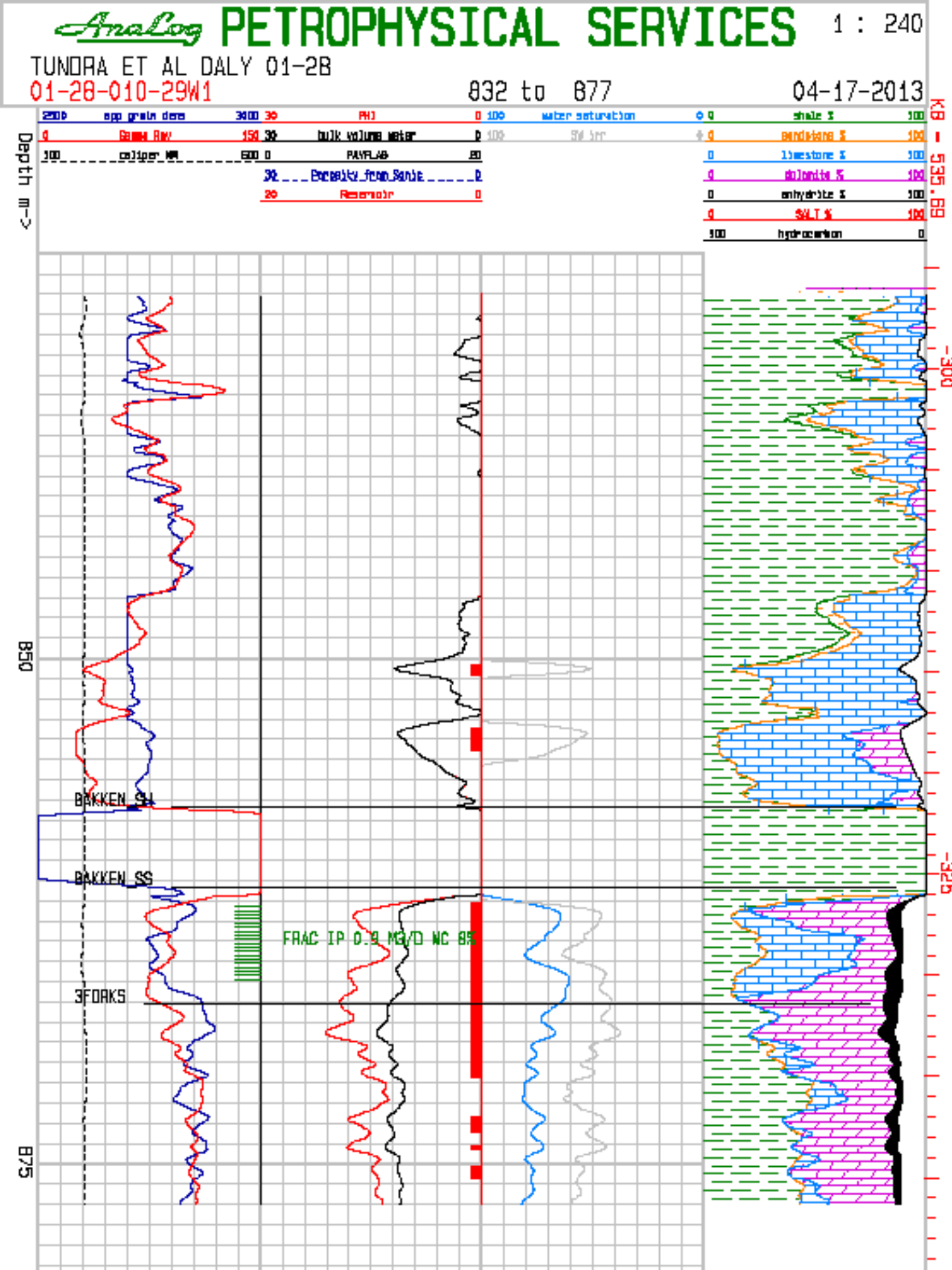
Analog **PETROPHYSICAL SERVICES** 1 : 240

TUNDRA DALY 07-26

07-26-010-29W1 813 to 858 04-17-2013



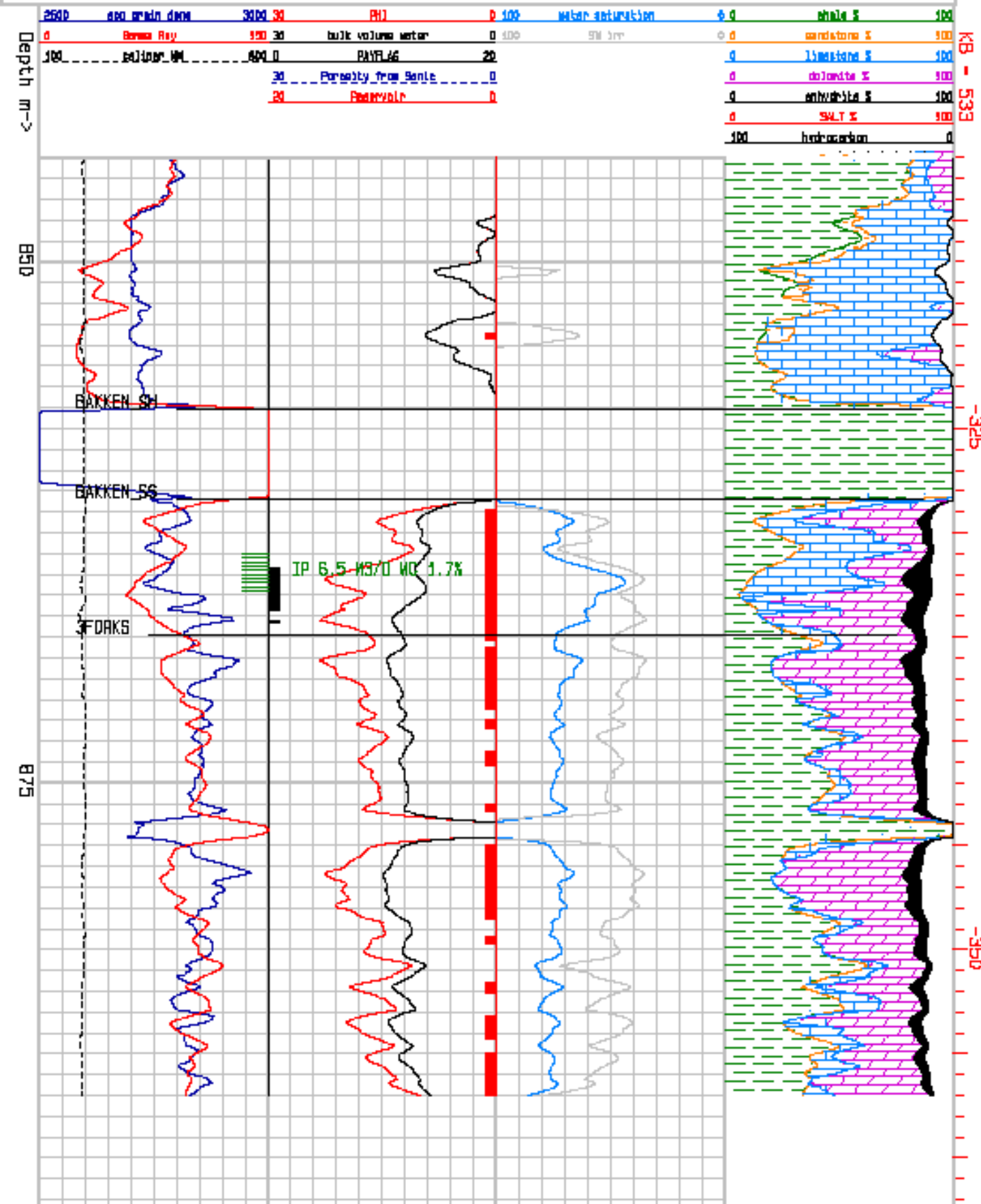

Analog PETROPHYSICAL SERVICES
1 : 240
4478429 MB DALY COM 03-27
03-27-010-29W1
835 to 880
04-17-2013
2500 dpo grain dens 3000
0 Gamma Ray 150
100 Caliper_MM 600
30 PHI 0
30 bulk volume water 0
0 PAYFLAG 20
30 Porosity from Sonic 0
20 Reservoir 0
0 water saturation 100
0 SW inv 100
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m->
850
875
KB = 531.0
-325
-350
BAKKEN SH
BAKKEN SS
3FORKS
IP 0.2 M3/D WC 90%

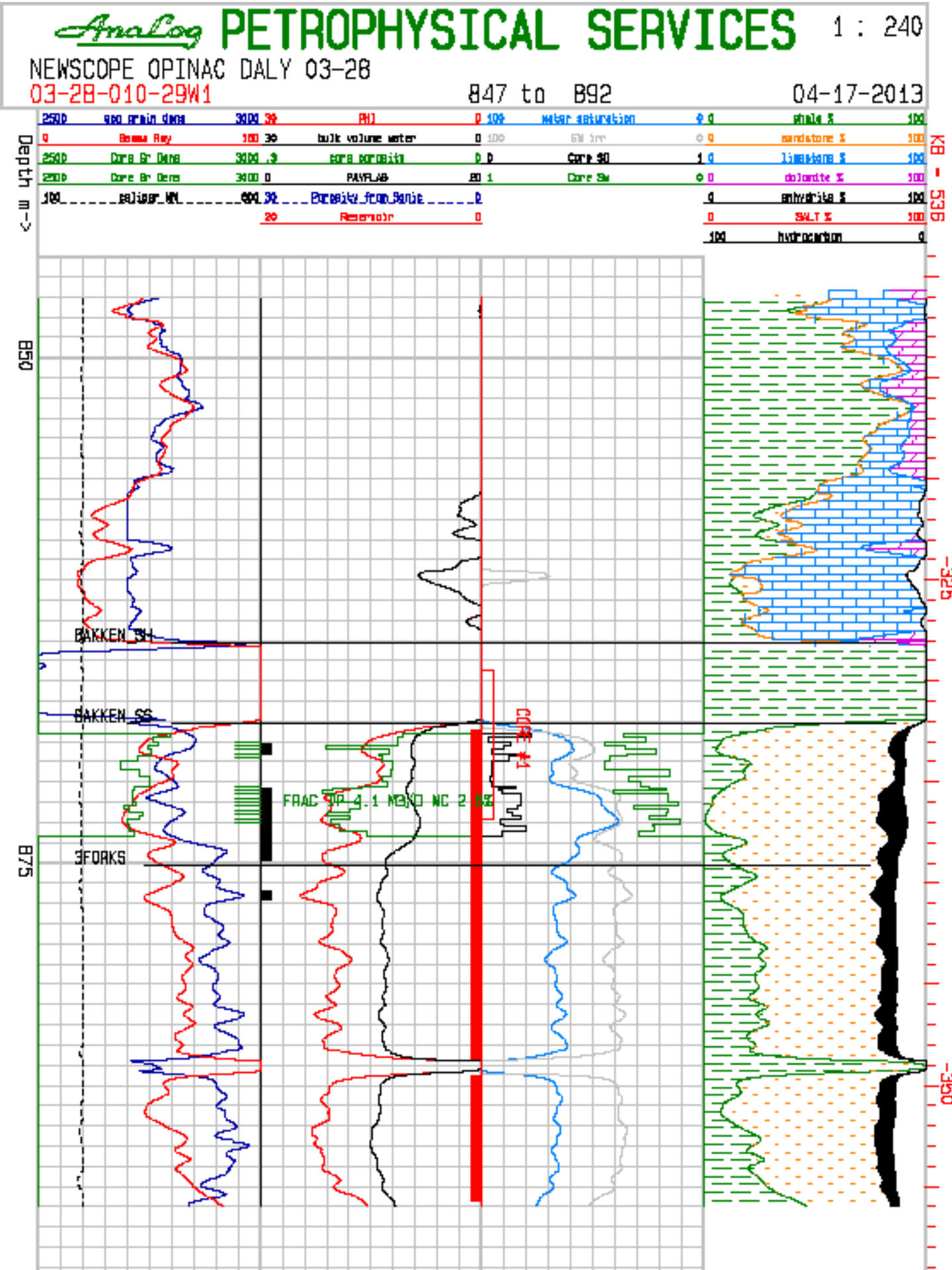

Analog PETROPHYSICAL SERVICES
1 : 240
TUNDRA ET AL DALY 01-2B
01-28-010-29W1
832 to 877
04-17-2013
2000 app grain dens 3400
0 Gamma Ray 150
100 caliper_MM 600
30 PHI 0
30 bulk volume water 0
0 PAYFLAG 80
30 Porosity_from_Sonic 0
20 Reservoir 0
0 water saturation 100
100 SW_irr 0
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB
535.69
850
875
BAKKEN_SH
BAKKEN_SS
3FORKS
FRAC IP 0.9 MB/D WC 8%

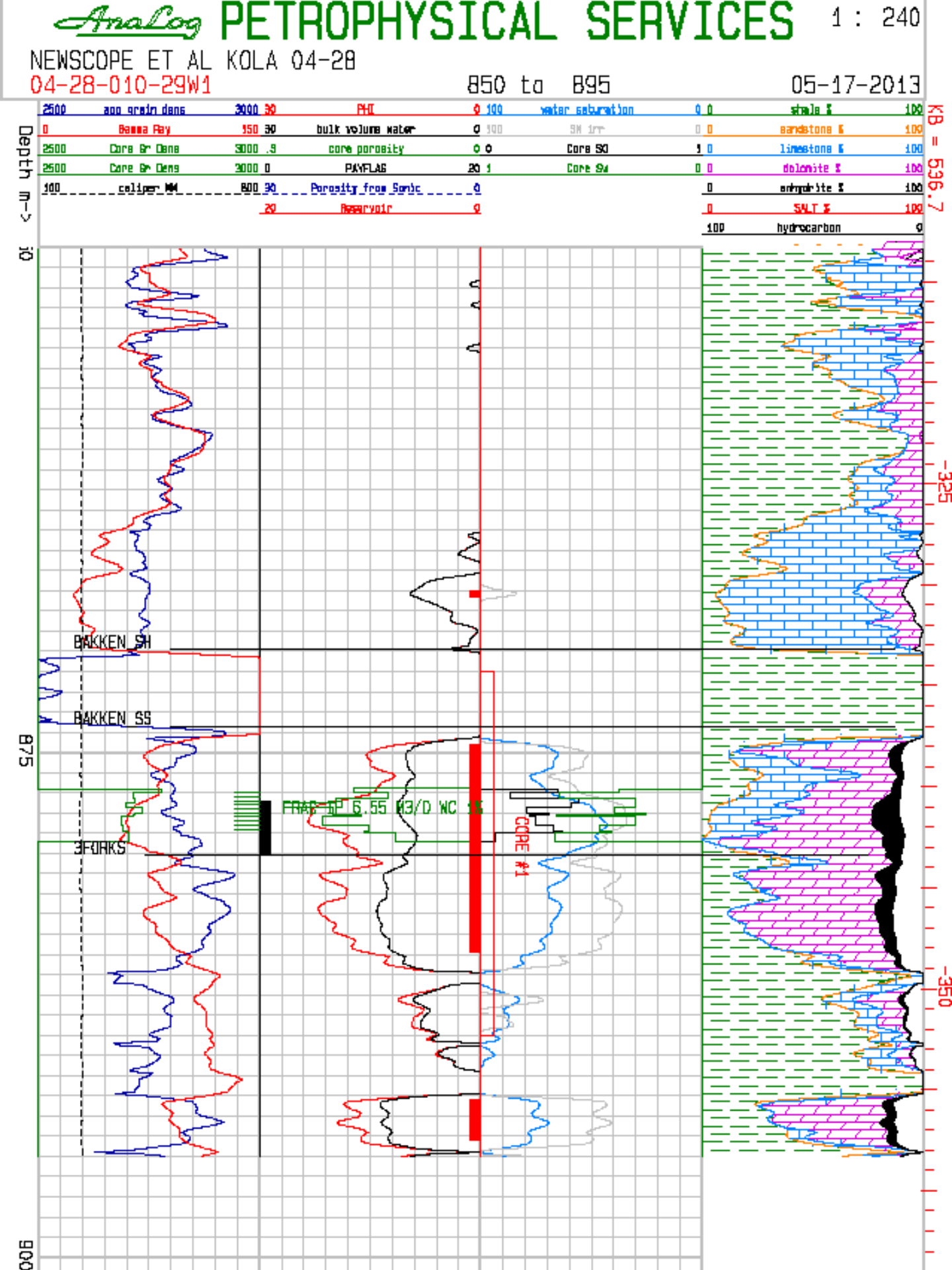
Analog **PETROPHYSICAL SERVICES** 1 : 240

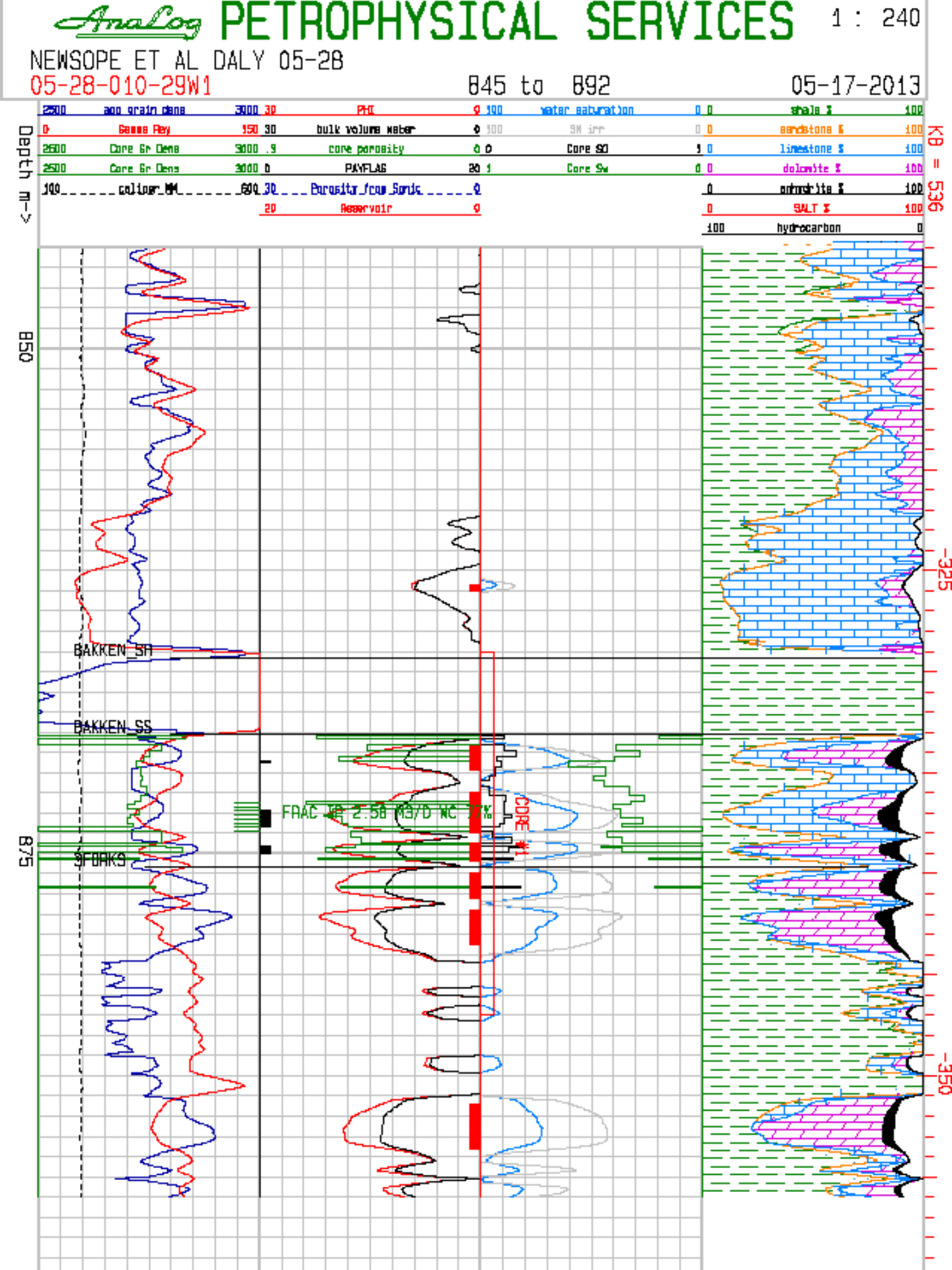
NEWSCOPE ET AL DALY 02-28

02-28-010-29W1 845 to 890 04-17-2013




Analog PETROPHYSICAL SERVICES
1 : 240
NEWSCOPE OPINAC DALY 03-28
03-28-010-29W1
847 to 892
04-17-2013
Depth m
KB - 535
BAKKEN_SH
BAKKEN_SS
3FORKS
FRAC TOP 4.1 MBKD MC 2 BB
850
875
-525
-350

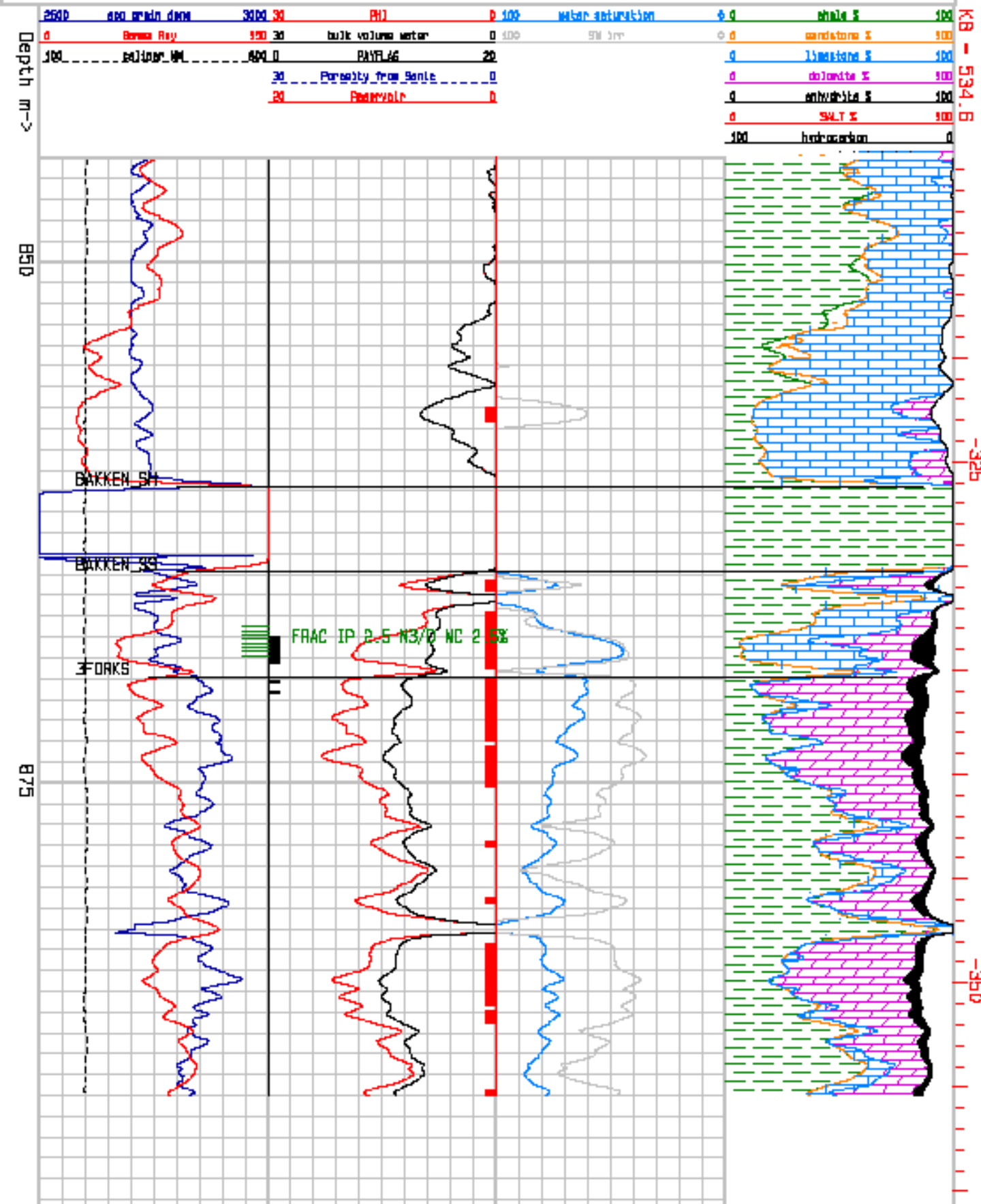

Analog PETROPHYSICAL SERVICES
1 : 240
NEWSCOPE ET AL KOLA 04-28
04-28-010-29W1
850 to 895
05-17-2013
2500 app grain dens 3000
0 Gamma Ray 150
2500 Core Gr Dens 3000
2500 Core Gr Dens 3000
100 caliper MM 800
30 PHI 0
30 bulk volume water 0
.9 core porosity 0
0 PAYFLAG 20
30 Porosity from Sonic 0
20 Reservoir 0
0 100 water saturation 0
100 SW irr 0
0 Core SO 1
0 Core Sw 0
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m->
KB = 536.7
-325
-350
BAKKEN SH
BAKKEN SS
THREE FORKS
FRAC HP 6.55 M3/D WC 1%
CORE #1
850
900

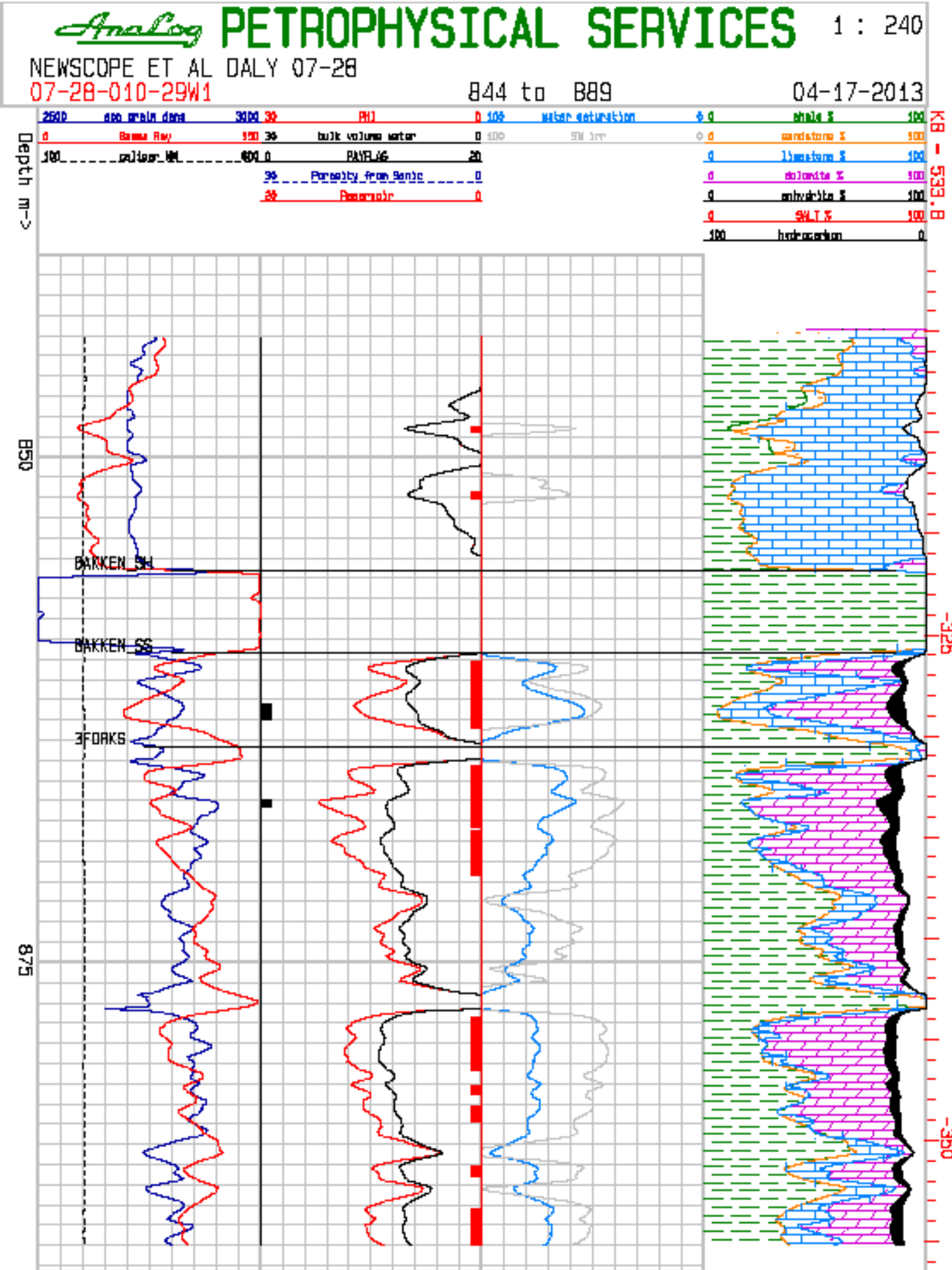

Analog
PETROPHYSICAL SERVICES
1 : 240
NEWSOPE ET AL DALY 05-28
05-28-010-29W1
845 to 892
05-17-2013
2500 app grain dens 3000
0 Gamma Ray 150
2500 Core Gr Dens 3000
2500 Core Gr Dens 3000
100 caliper_BH 600
30 PHI 0
30 bulk volume water 0
.9 core porosity 0
0 PAYFLAG 20
30 Porosity from Sonic 0
20 Reservoir 0
100 water saturation 0
100 SW irr 0
0 Core SO 1
0 Core Sw 0
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB = 536
850
875
-325
-350
BAKKEN_SH
BAKKEN_SS
3FORKS
FRAC @ 2.58 M3/D WC 7%
CORE #1

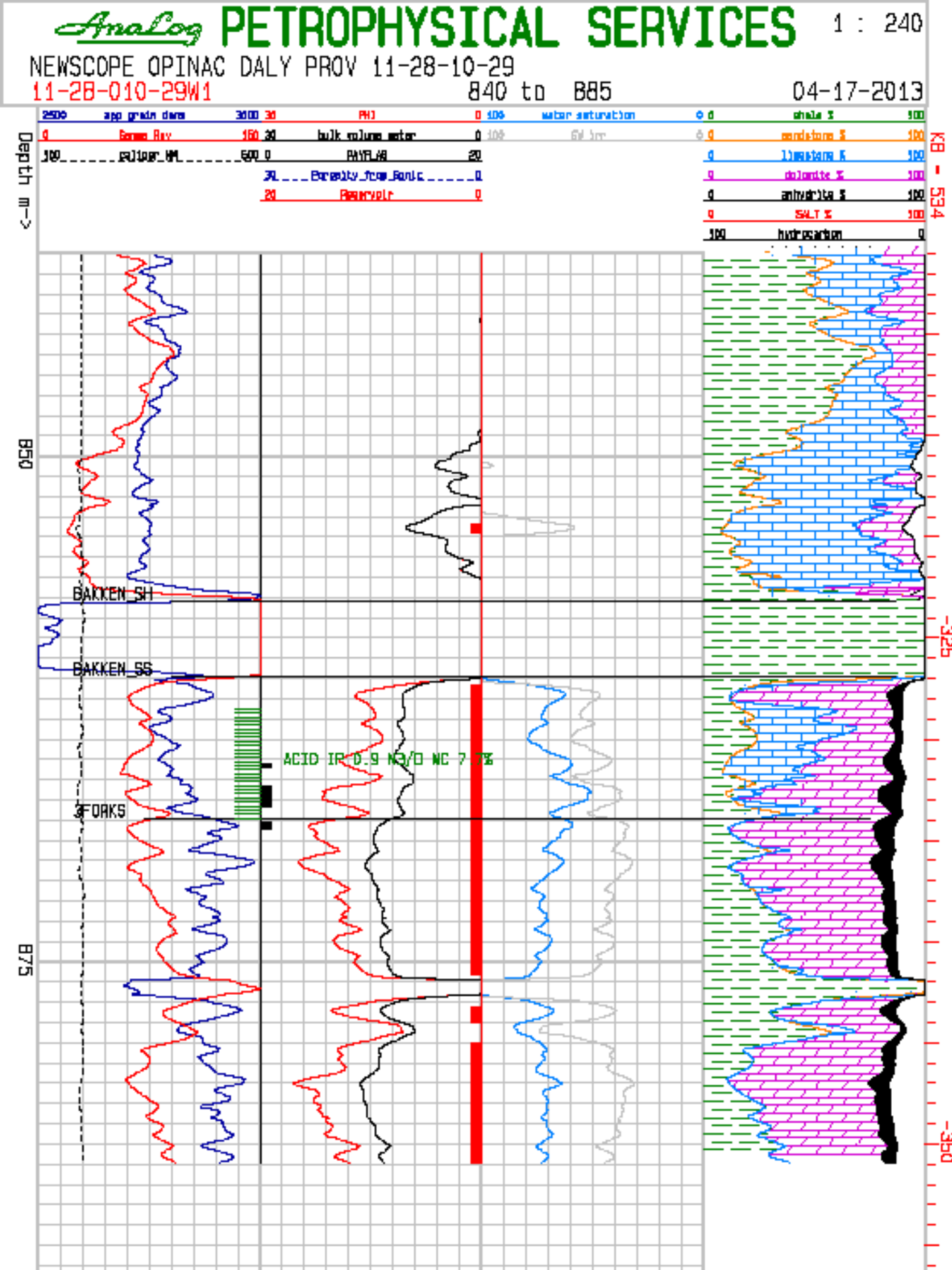
Analog **PETROPHYSICAL SERVICES** 1 : 240

NEWSCOPE ET AL DALY 06-28

06-28-010-29W1 845 to 890 04-17-2013



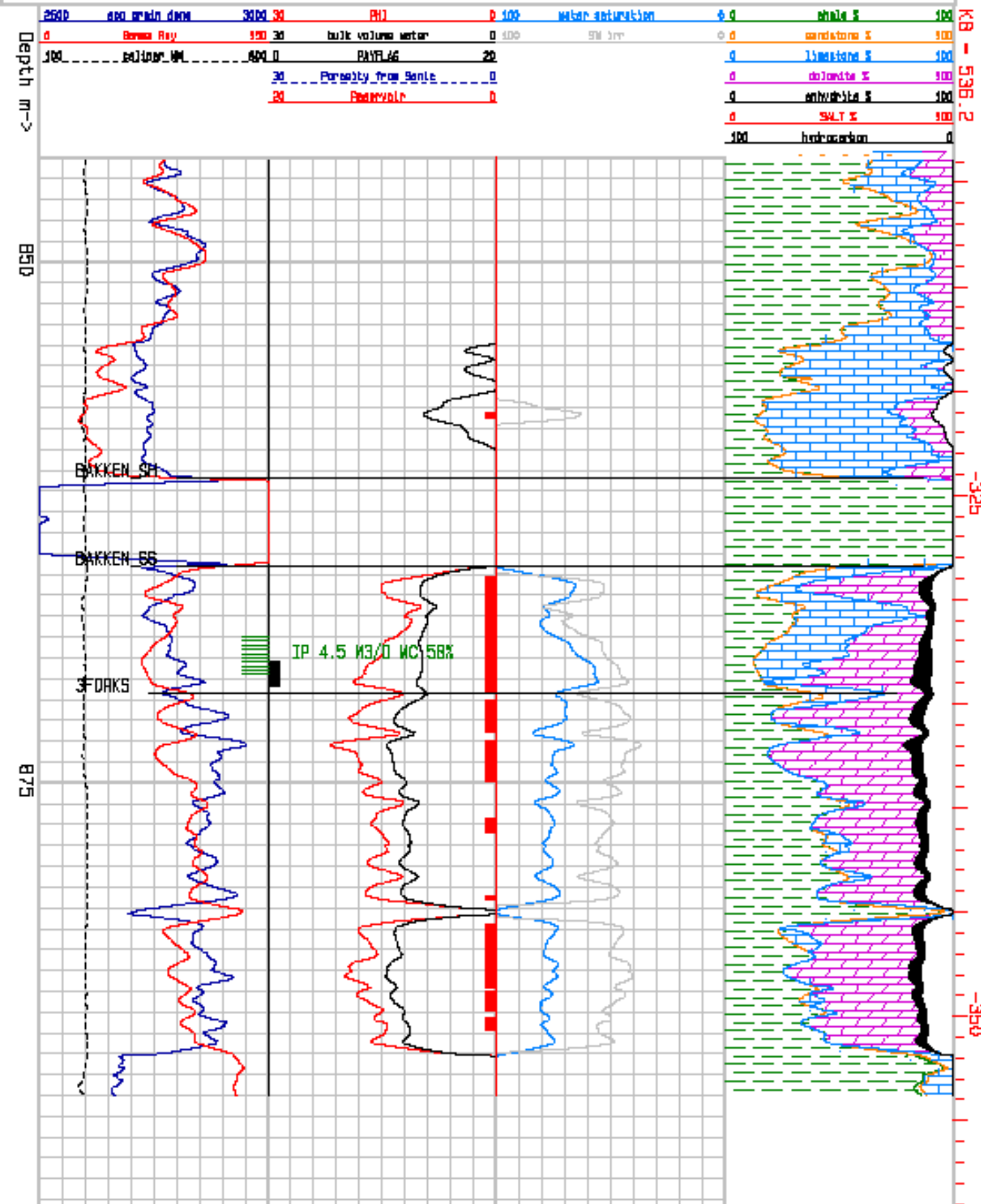

Analog
PETROPHYSICAL SERVICES
1 : 240
NEWSCOPE ET AL DALY 07-28
07-28-010-29W1
844 to 889
04-17-2013
2500 app grain dens 3000
0 Gamma Ray 150
100 caliper HRL 600
30 RHOB 0
30 bulk volume water 0
0 PAYFLAG 20
30 Porosity from Sonic 0
30 Resistivity 0
0 100 water saturation
100 SW inv 0
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB - 533.8
850
875
-325
-350
BAKKEN_SH
BAKKEN_SS
3FORKS


Analog PETROPHYSICAL SERVICES
1 : 240
NEWSCOPE OPINAC DALY PROV 11-28-10-29
11-28-010-29W1
840 to 885
04-17-2013
2500 app grain dens 3000
0 Gamma Ray 150
100 caliper_HH 500
30 PHI 0
30 bulk volume water 0
0 PAYFLAG 20
30 Porosity from Sonic 0
20 Reservoir 0
0 water saturation 100
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB - 534
850
875
-325
-350
BAKKEN_SH
BAKKEN_SS
3FORKS
ACID IP 0.9 M3/D NC 7.7%

Analog **PETROPHYSICAL SERVICES** 1 : 240

NEWSOPE OPINAC DALY PROV. 12-28

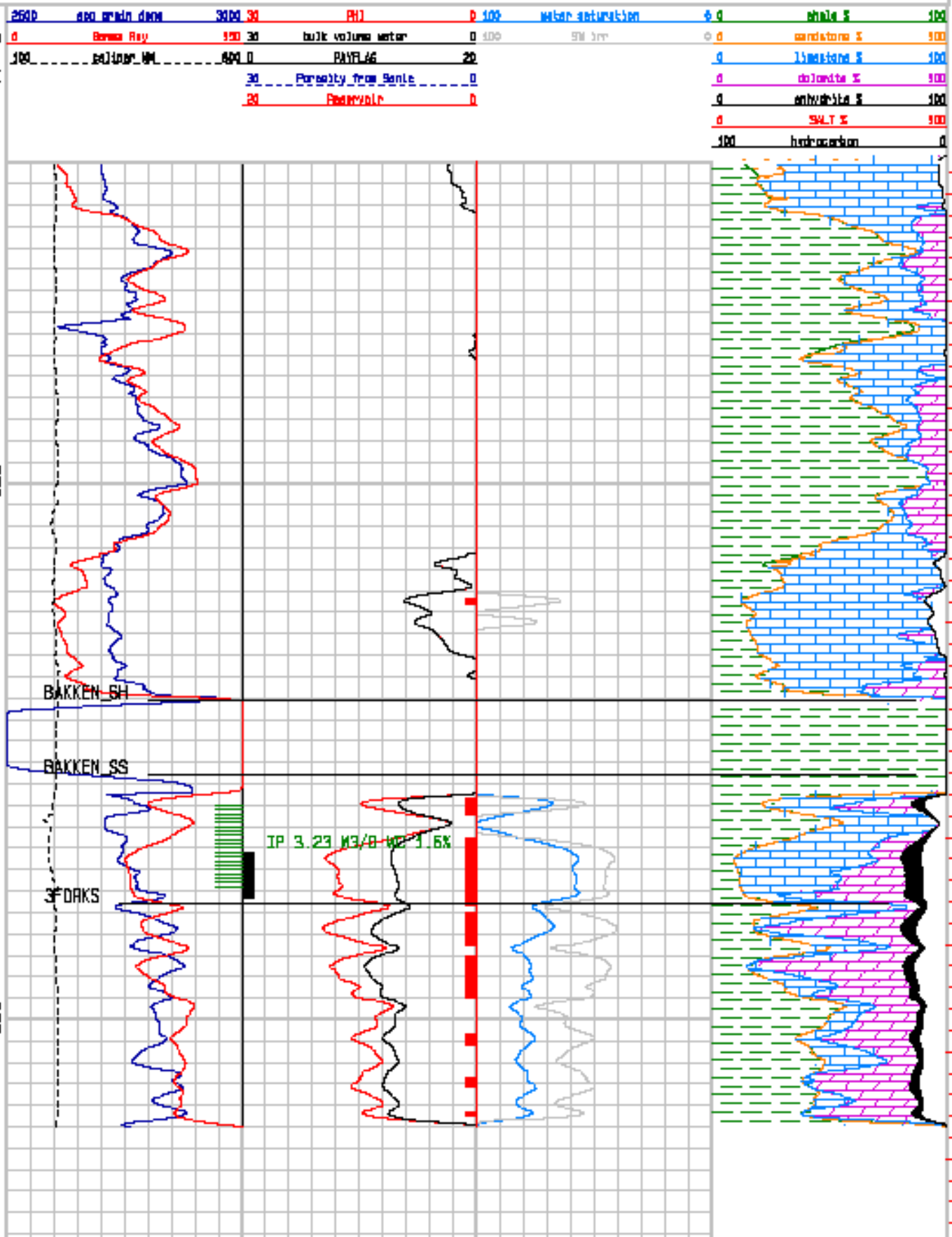
12-28-010-29W1 845 to 890 04-17-2013



Analog **PETROPHYSICAL SERVICES** 1 : 240

TUNDRA DALY 13-28

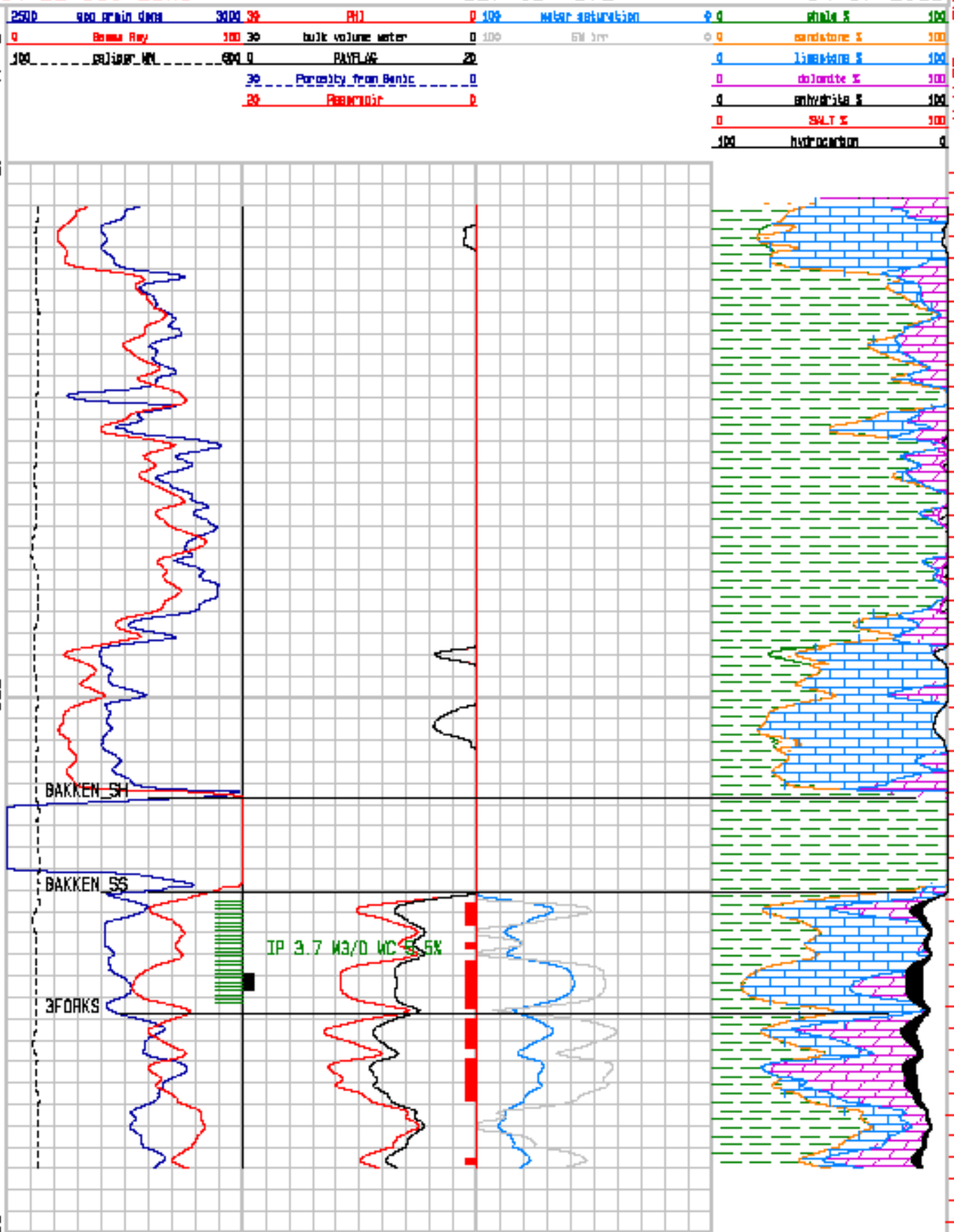
13-28-010-29W1 835 to 880 04-17-2013

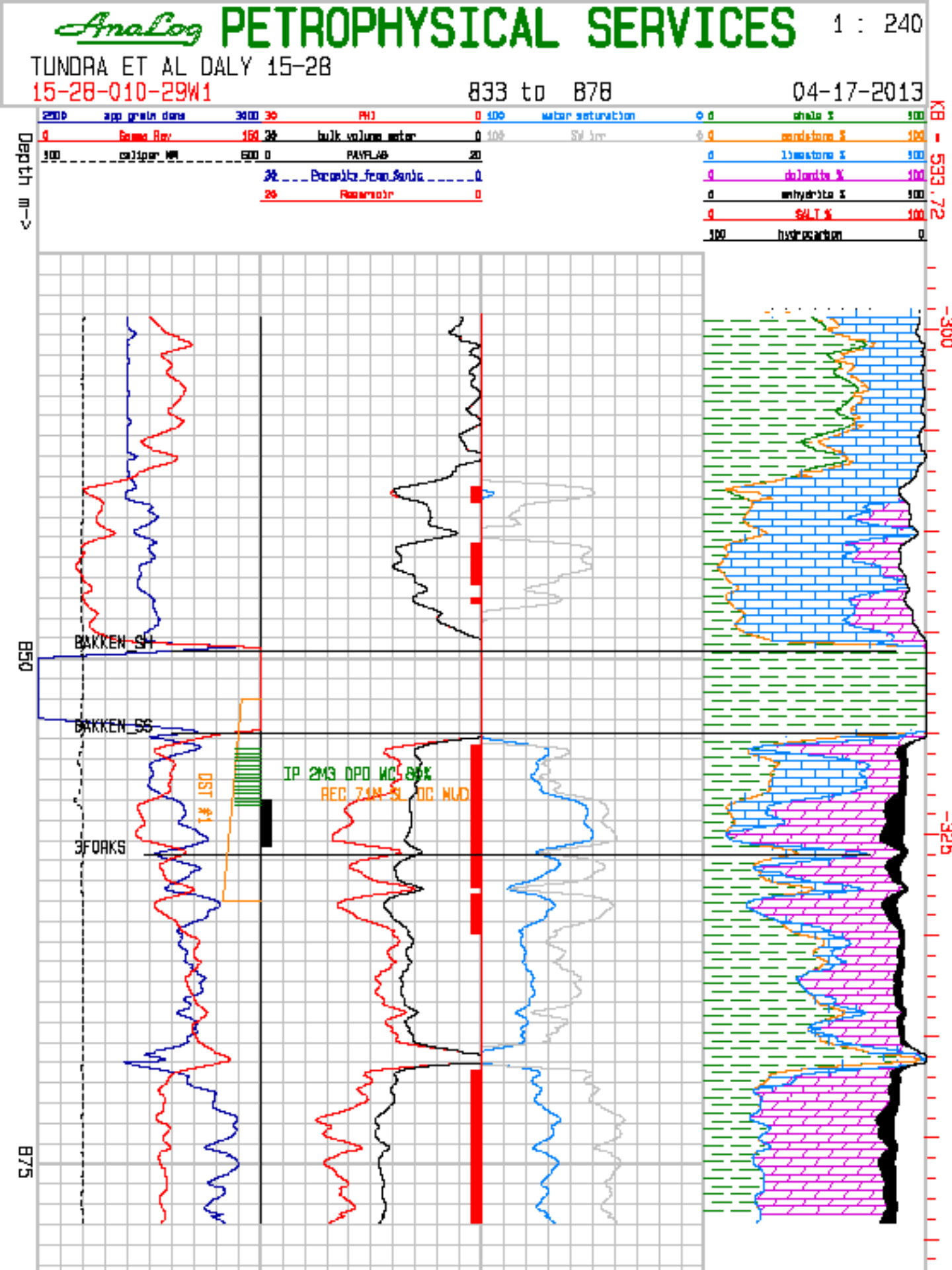


Analog **PETROPHYSICAL SERVICES** 1 : 240

NORTHROCK RESOURCES LTD.

14-28-010-29W1 827 to 872 04-17-2013

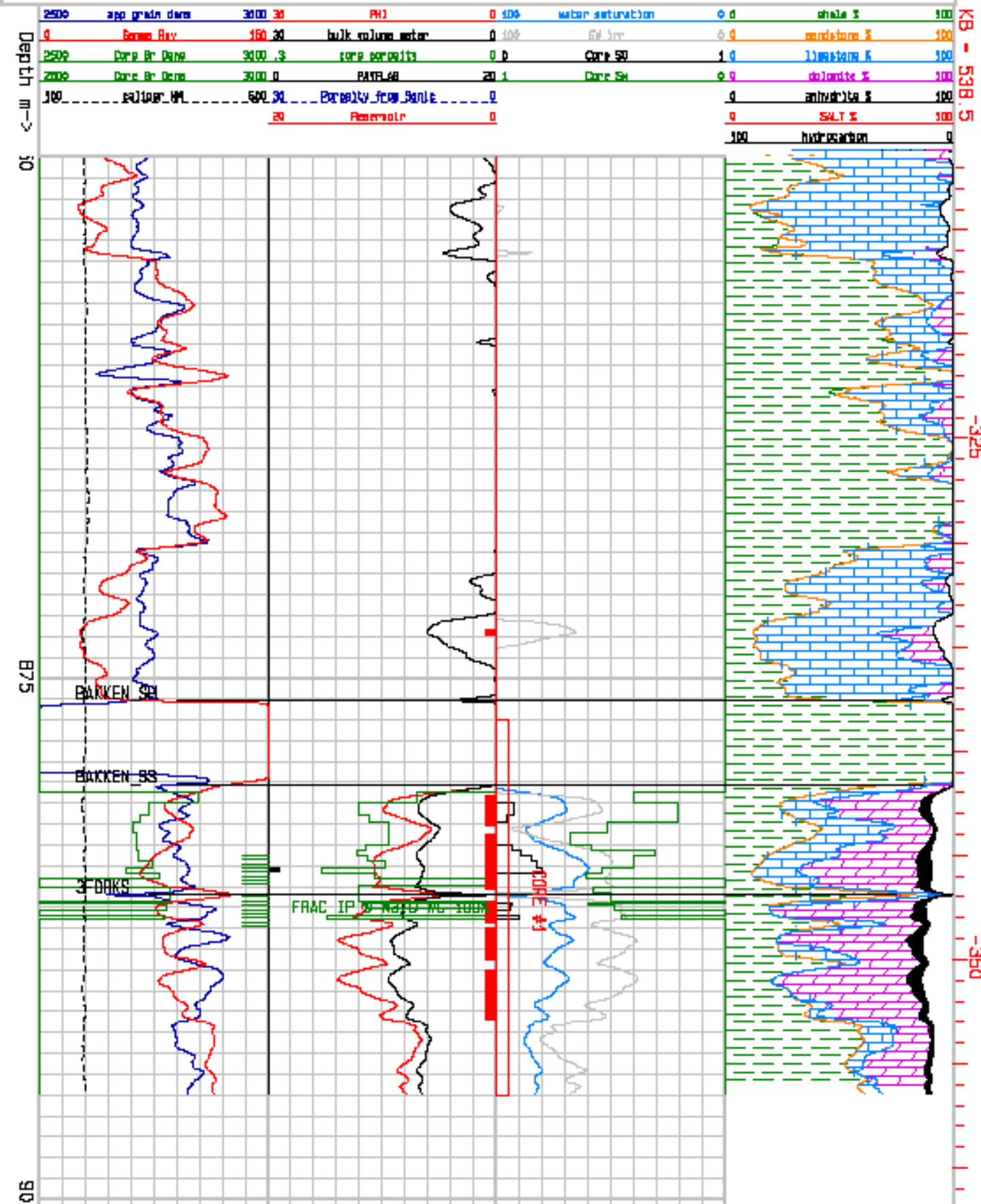



Analog PETROPHYSICAL SERVICES
1 : 240
TUNDRA ET AL DALY 15-28
15-28-010-29W1
833 to 878
04-17-2013
2000 app grain dens 3400
0 Gamma Ray 150
900 caliper_MM 600
30 PHI 0
30 bulk volume water 0
0 PAYFLAG 20
30 Porosity from Sonic 0
20 Reservoir 0
0 water saturation 100
0 SW_Inv 100
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB 533.72
850
875
-300
-325
BAKKEN_SH
BAKKEN_SS
3FORKS
DST #1
IP 2M3 DPO WC 88%
REC 74M SL OC MUD

Analog **PETROPHYSICAL SERVICES** 1 : 240

NEWSOPE OPINAC DALY PROV. 01-29

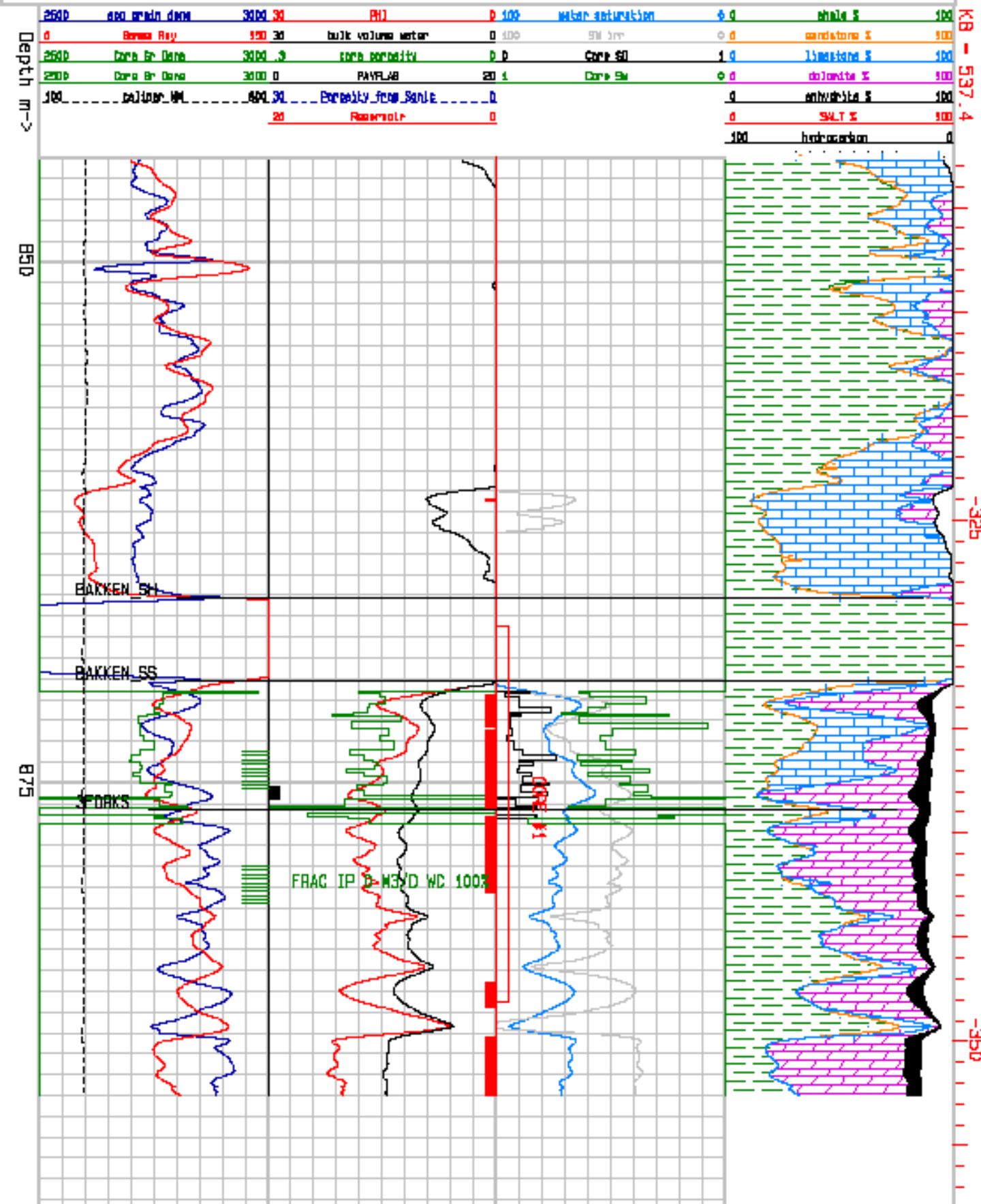
01-29-010-29W1 850 to 895 04-17-2013

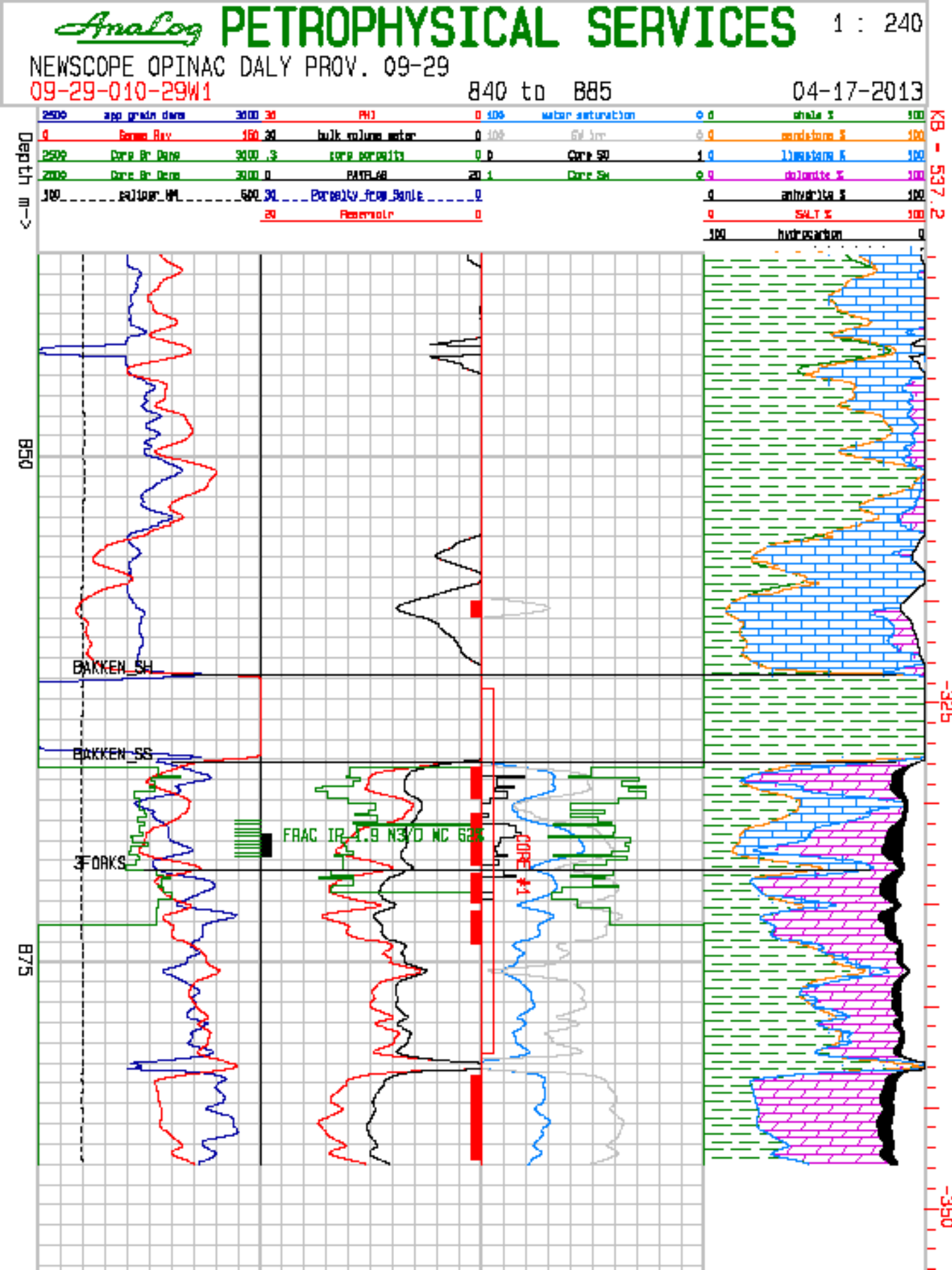


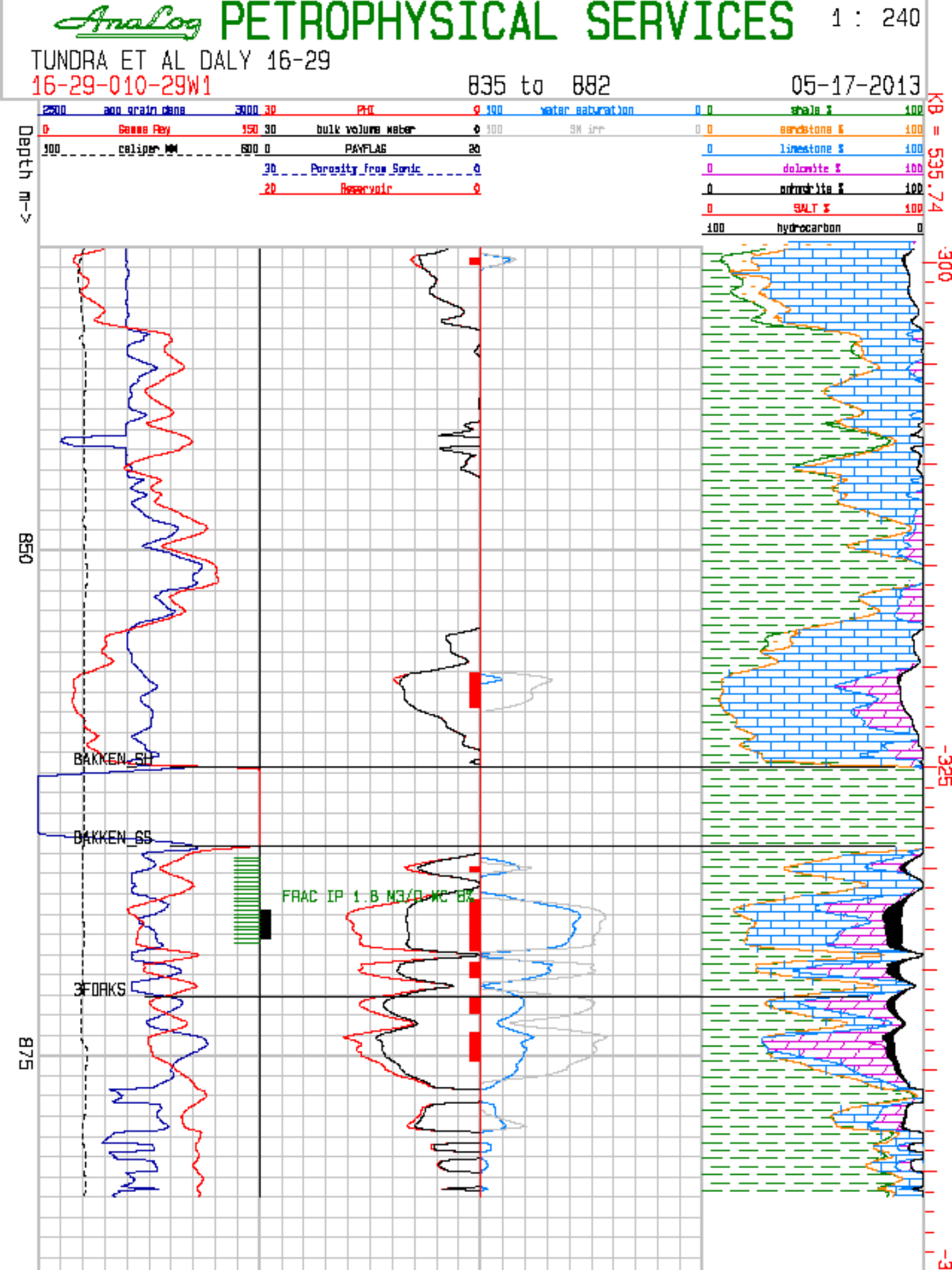
Analog **PETROPHYSICAL SERVICES** 1 : 240

NEWSCOPE OPINAC DALY PRO 08-29

08-29-010-29W1 845 to 890 04-17-2013




Analog PETROPHYSICAL SERVICES
1 : 240
NEWSCOPE OPINAC DALY PROV. 09-29
09-29-010-29W1
840 to 885
04-17-2013
2500 app grain dens 3000
0 Gamma Ray 150
2500 Corp Gr Dens 3000
2000 Core Gr Dens 3000
100 caliper MM 600
30 PHI 0
30 bulk volume water 0
.3 core porosity 0
0 PATH_68 20
30 Porosity from Rocks 0
20 Reservoir 0
0 106 water saturation 0
108 GW_inv 0
0 Core SO 1
0 Core Sw 0
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB - 537.2
850
875
-525
-550
BAKKEN_SH
BAKKEN_SS
THREE FORKS
FRAC IP 4.9 N3/D WC 62%
CORE #1


Analog PETROPHYSICAL SERVICES
1 : 240
TUNDRA ET AL DALY 16-29
16-29-010-29W1
835 to 882
05-17-2013
2500 app grain dens 3000
0 Gamma Ray 150
100 caliper MM 600
30 PHI 0 100 water saturation
30 bulk volume water 0 100 SW irr
0 PAYFLAG 20
30 Porosity from Sonic 0
20 Reservoir 0
0 0 shale % 100
0 0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB = 535.74
850
875
300
325
BAKKEN_SH
BAKKEN_SS
THREE FORKS
FRAC IP 1.8 M3/D WC 0%

AnaLog PETROPHYSICAL SERVICES

1 : 240

TUNDRA ET AL DALY 01-32

01-32-010-29W1

850 to 898

05-17-2013

2500	app grain dens	3000	30	PHI	0	100	water saturation	0	0	shale %	100
0	Gamma Ray	150	30	bulk volume water	0	100	SW irr	0	0	sandstone %	100
2500	Core Gr Dens	3000	.3	core porosity	0	0	Core SO	1	0	limestone %	100
2600	Core Gr Dens	3000	0	PAYFLAG	20	1	Core Sw	0	0	dolomite %	100
100	caliper MM	600	30	Porosity from Sonic	0				0	anhydrite %	100
			20	Reservoir	0				0	SALT %	100
									100	hydrocarbon	0

Depth m->

KB = 536.5

BAKKEN SH

BAKKEN SS

3FORKS

IP 4.32M3/DPD NC 1.2%

CORE

-325

-350

850

900

Analog PETROPHYSICAL SERVICES

1 : 240

TUNDRA DALY 8-32-10-29W1

08-32-010-29W1

840 to 885

05-17-2013

2500	app grain dens	3000	30	PHI	0	100	water saturation	0	0	shale %	100
0	Gamma Ray	150	30	bulk volume water	0	100	SW irr	0	0	sandstone %	100
100	caliper MM	600	0	PAYFLAG	20				0	limestone %	100
			30	Porosity from Sonic	0				0	dolomite %	100
			30	Reservoir	0				0	anhydrite %	100
									0	SALT %	100
									100	hydrocarbon	0

Depth m ->

KB = 538

850

875

BAKKEN_SH

BAKKEN_SS

3FORKS

IP 8.38M3 OPD WC 1.4%

-325

-350

Analog PETROPHYSICAL SERVICES

1 : 240

TUNDRA KOLA UNIT NO.2 01-33

01-33-010-29W1

827 to 872

04-17-2013

2500 gas grain dens 3000 | 30 PHI 0 100 water saturation 0 0 shale % 100

0 Gamma Ray 100 | 30 bulk volume water 0 100 BW frm 0 0 sandstone % 100

100 caliper MN 600 | 0 PAYFLAG 20 | 0 limestone % 100

30 Porosity from Bmlc 0 | 0 dolomite % 100

20 Reservoir 0 | 0 anhydrite % 100

0 SALT % 100

100 hydrocarbon 0

Depth m ->

KB = 533

850

-300

-325

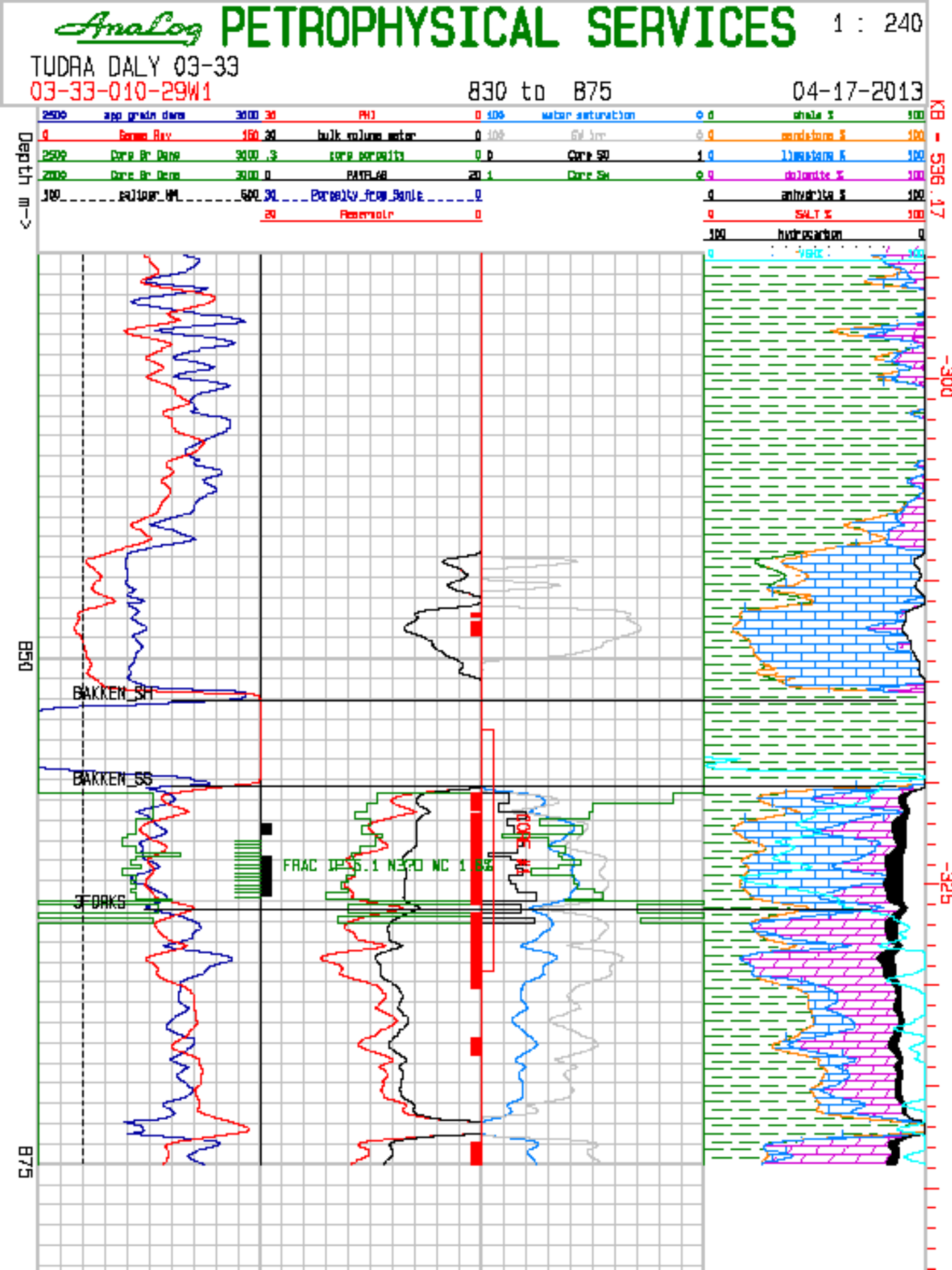
BAKKEN_SH

BAKKEN_SS

FRAC IP 3.75 M3/D

3FORKS

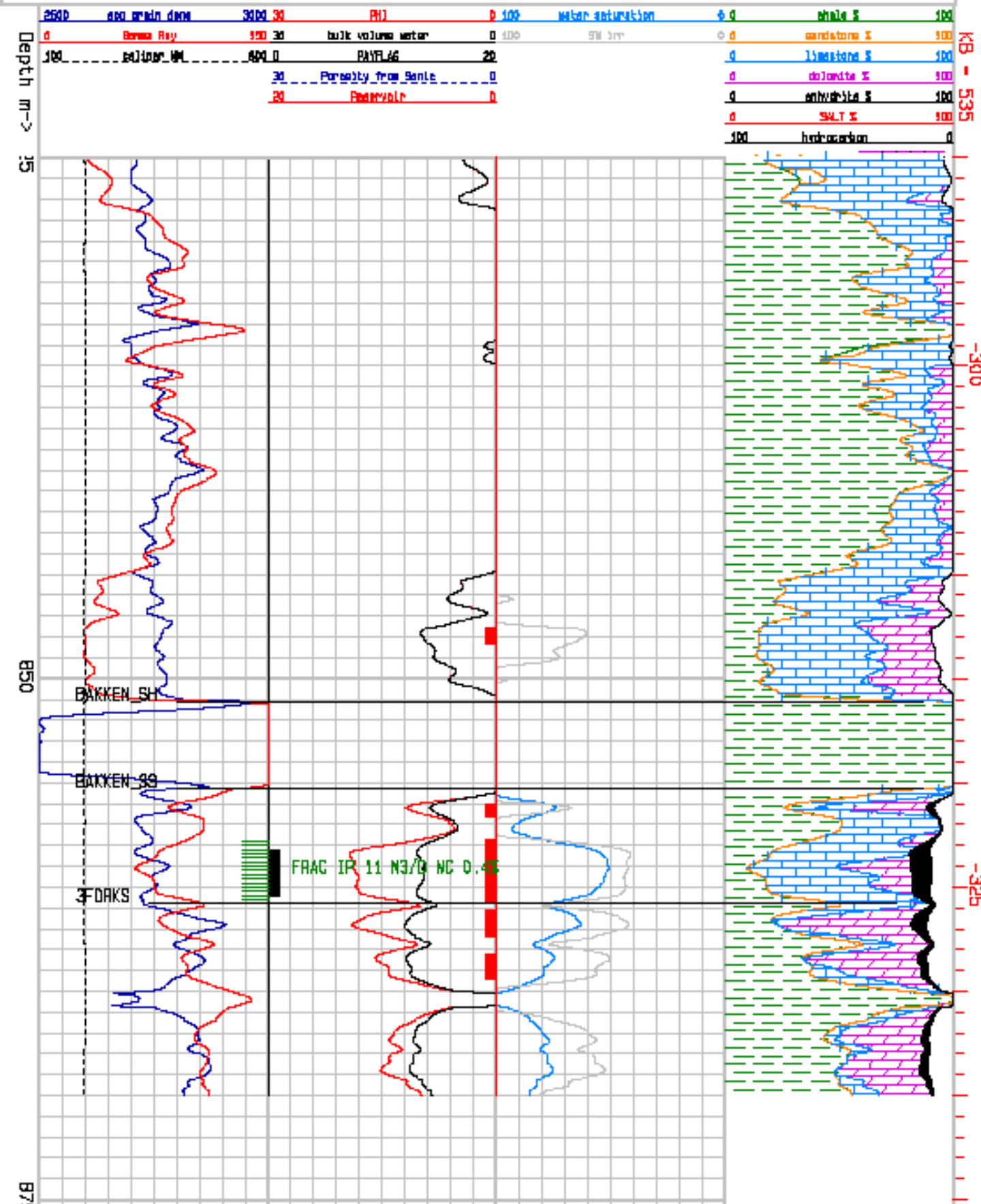
872

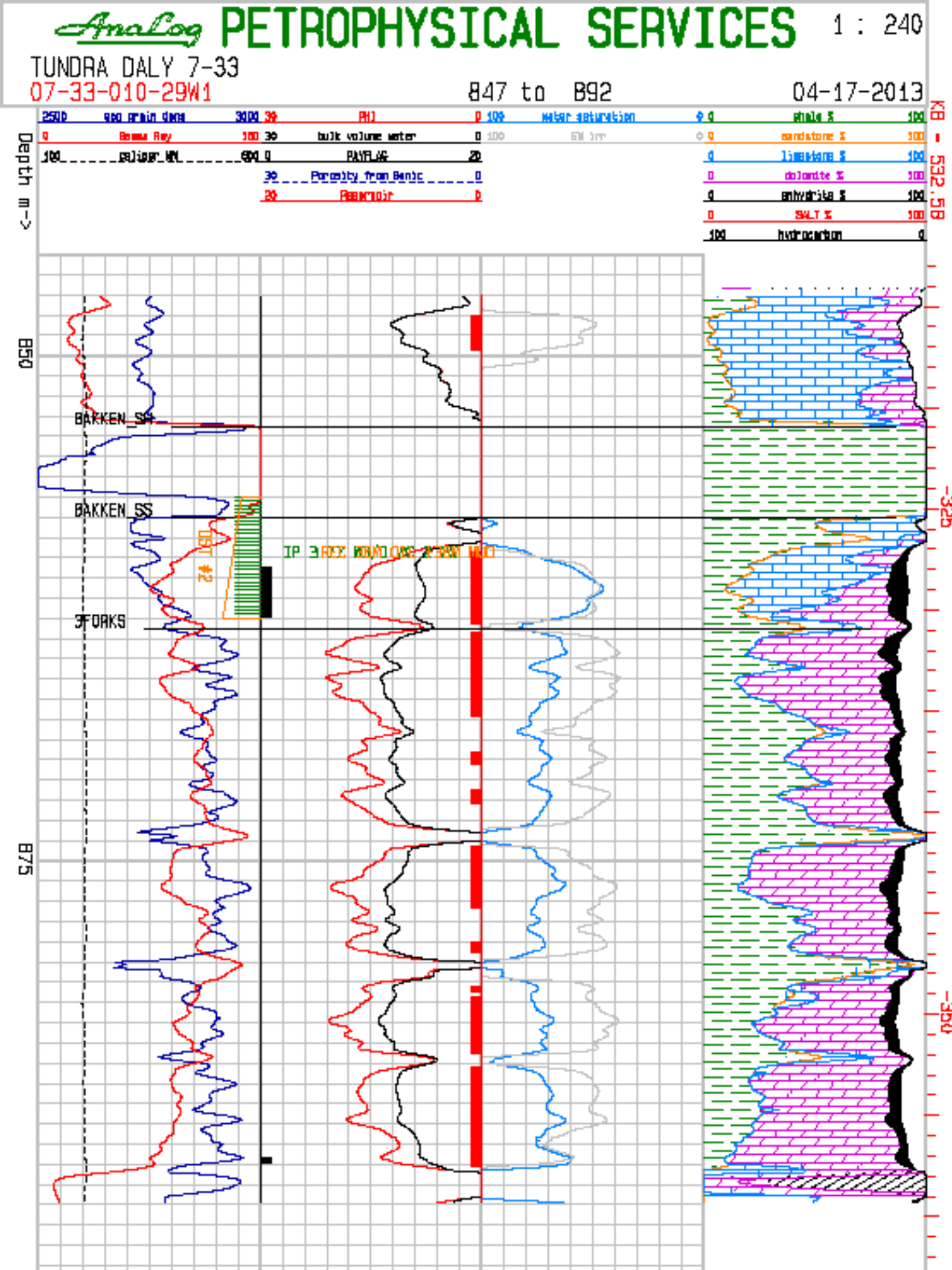

Analog PETROPHYSICAL SERVICES
1 : 240
TUDRA DALY 03-33
03-33-010-29W1
830 to 875
04-17-2013
app grain dens
Gamma Ray
Core Gr Dens
Core Gr Dens
caliper_HH
PHI
bulk volume water
core porosity
PATH_68
Porosity_from_Sonic
Reservoir
water saturation
Core So
Core Sw
shale %
sandstone %
limestone %
dolomite %
anhydrite %
SALT %
hydrocarbon
KB = 536.17
Depth m->
850
875
BAKKEN_SH
BAKKEN_SS
FRAC
TORK #1

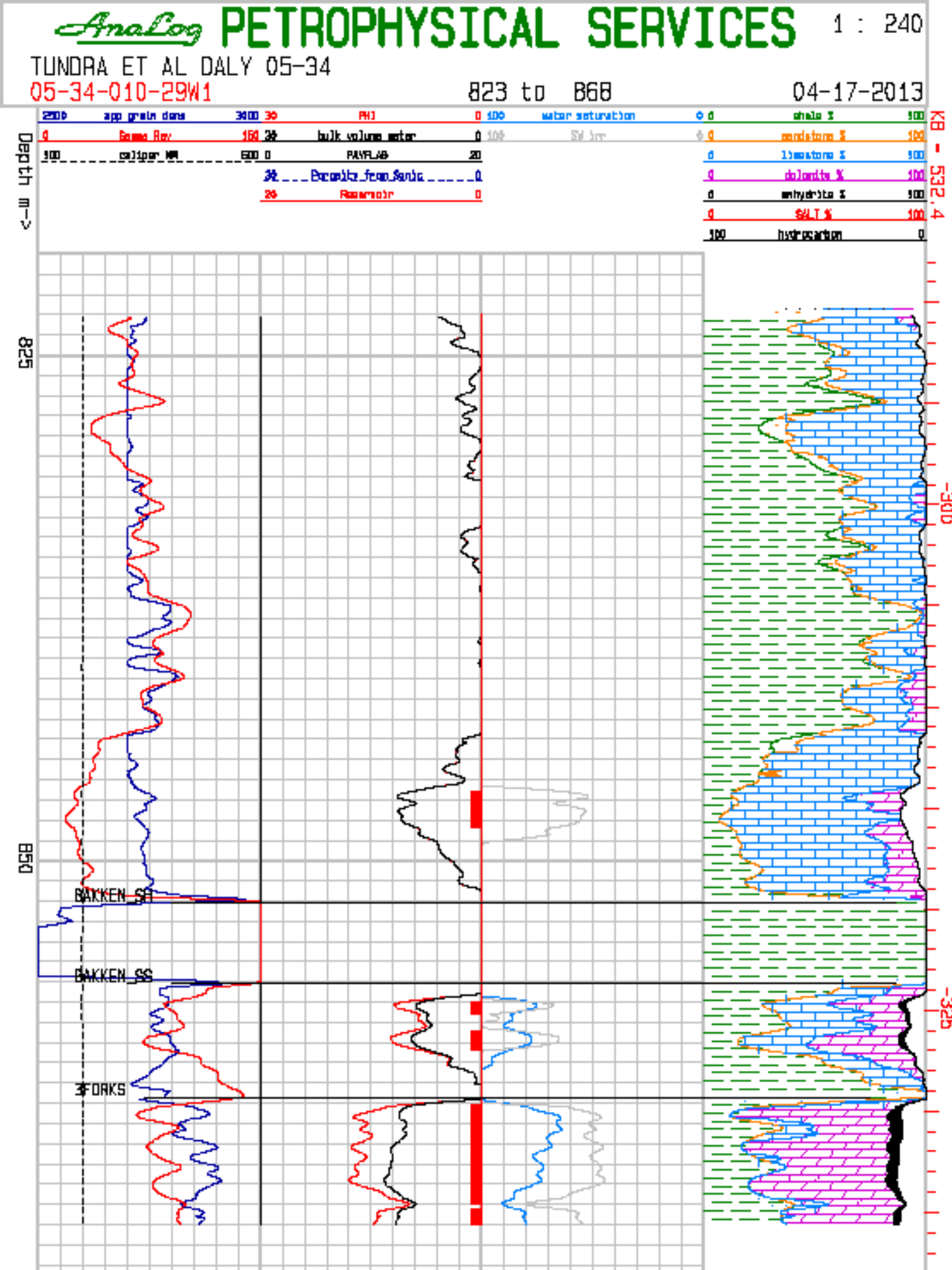
Analog **PETROPHYSICAL SERVICES** 1 : 240

TUNDRA DALY 05-33

05-33-010-29W1 825 to 870 04-17-2013




Analog PETROPHYSICAL SERVICES
1 : 240
TUNDRA DALY 7-33
07-33-010-29W1
847 to 892
04-17-2013
2500 gas grain dens 3000
0 Gamma Ray 100
100 caliper_MN 600
30 PHI 0
30 bulk volume water 0
0 PAYFLAG 20
30 Porosity from Basic 0
20 Reservoir 0
0 100 water saturation
0 100 BW frn
0 0 shale % 100
0 0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
KB = 532.58
850
875
-325
-350
BAKKEN_SH
BAKKEN_SS
THREE FORKS


Analog PETROPHYSICAL SERVICES
1 : 240
TUNDRA ET AL DALY 05-34
05-34-010-29W1
823 to 868
04-17-2013
2000 app grain dens 3400
0 Gamma Ray 150
300 caliper_MM 600
30 PHI 0
0 bulk volume water 0
0 PAYFLAG 20
20 Reservoir 0
0 water saturation 100
0 shale % 100
0 sandstone % 100
0 limestone % 100
0 dolomite % 100
0 anhydrite % 100
0 SALT % 100
100 hydrocarbon 0
Depth m
825
850
KB - 532.4
-300
-325
BAKKEN_SH
BAKKEN_SS
3FORKS