

4.7 m above P.D. Elevation 983.80 m

Elevation 988.50 m 983.80 m

Province ALBERTA

None

Other Services

QUAD NEUTRON

Thru Casing

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Log is depth correlated to OH GR provided by customer.

14.14 35.7

0.00 0.00

982.86

J-55 J-55 Wellbore Information

From (m)

To (m) 195.00

Grade

Latitude/Longitude Unit Location Hoist Unit # Maximum Deviation

Unit 3

Calgary

Fluid Level

916.00

34 12 kPa റ്

DRY

N A

Type Fluid

Wellhead Pressure

Cement Top

Third Party Ref. #

Correlation Log Name: Correlation Log Date:

Correlation Type: Correlation Point:



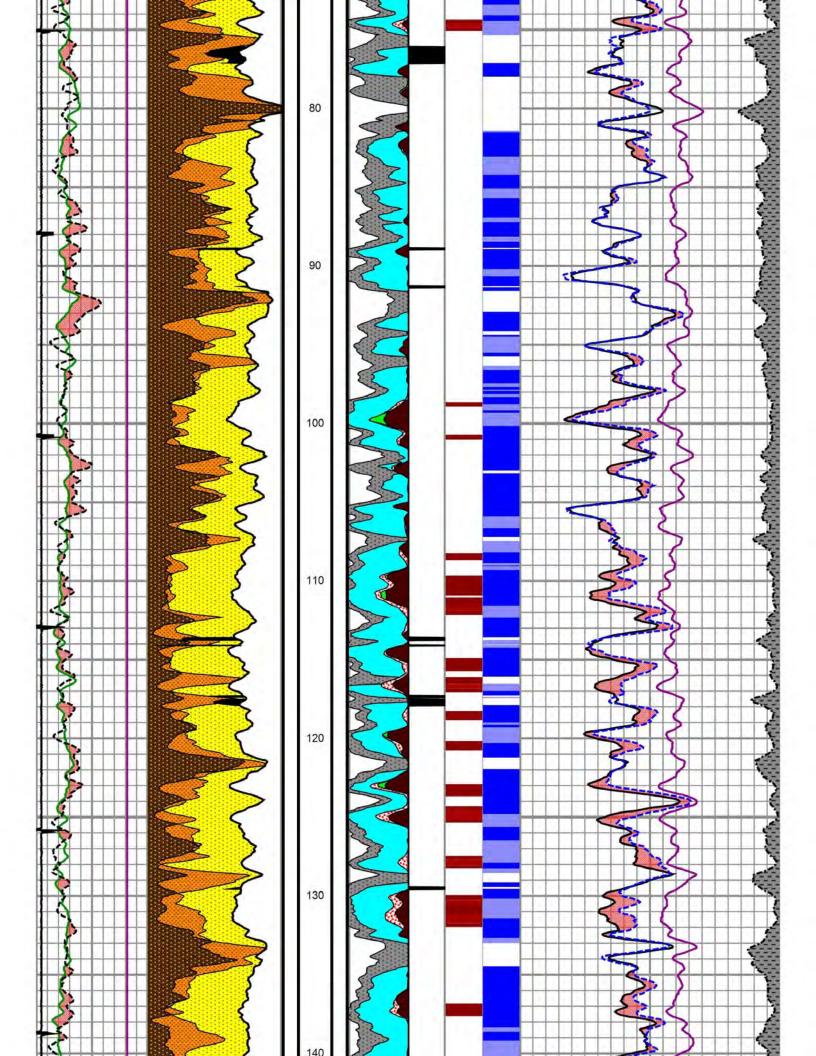
TRoke

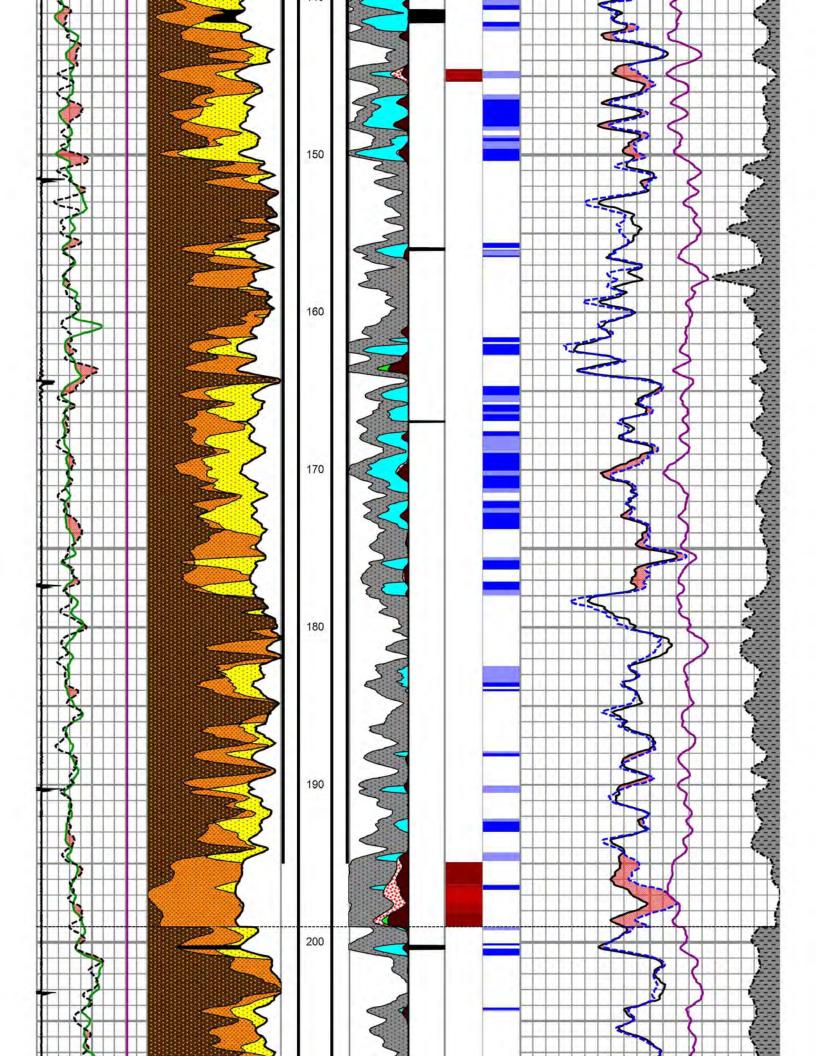
TOOL DIAGRAM

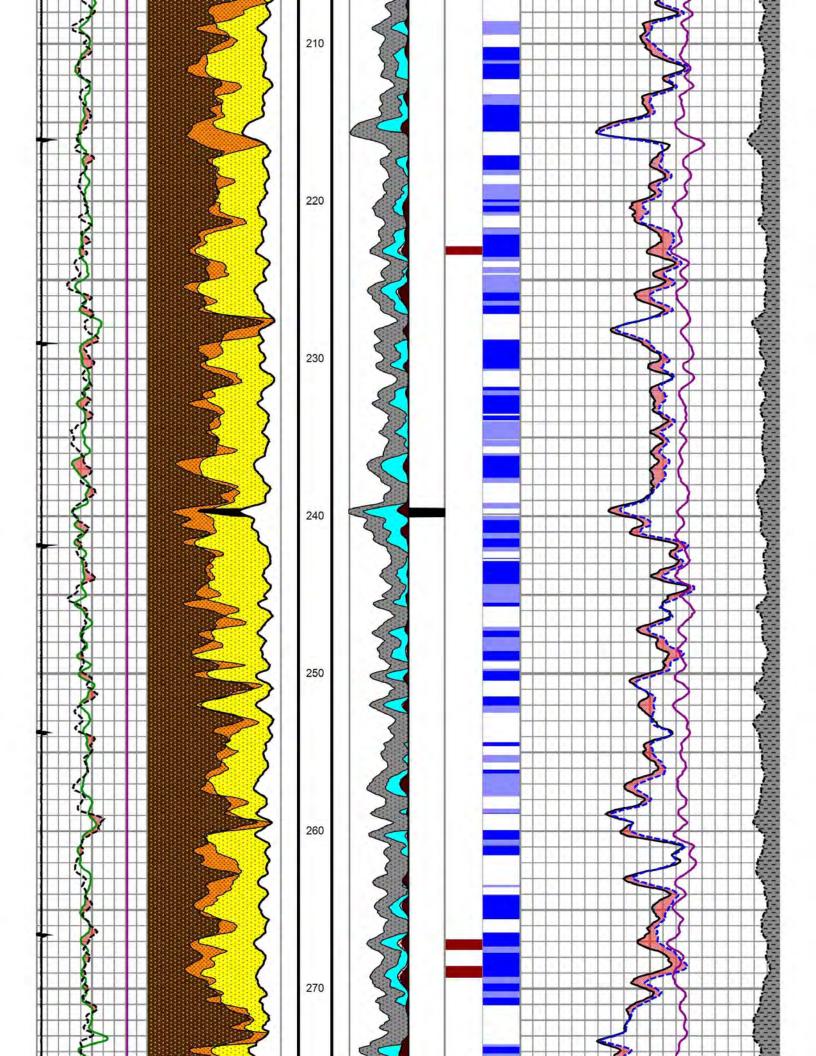
EMBER ENTICE 8-16-24-25

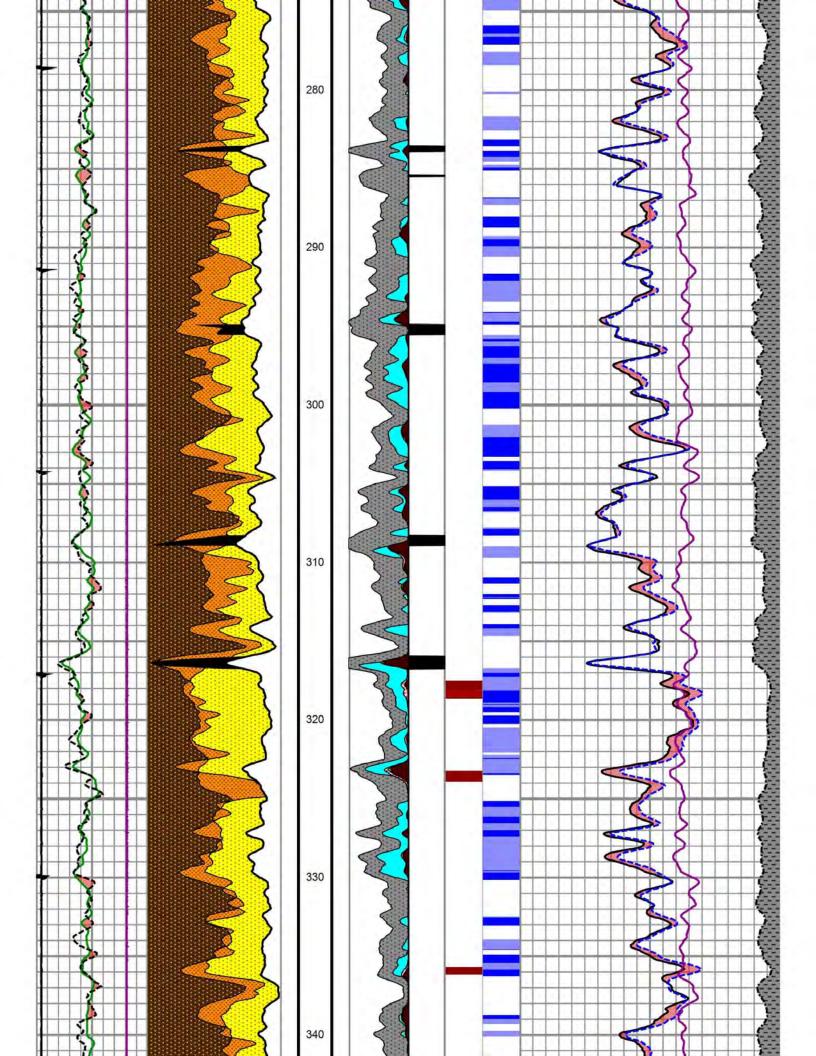
Sensor	Offset (m)	Schematic	Description	Len (m)	OD (mm)	Wt (kg)
UHT UBRM	4.68 4.68		CableHeadSub QuadV2 to BOI Cable Head Sub	0.23	43.00	1.36
GR	4.26					
FGR	3.73		QUADV2_TCA23 QuadV2 Telemetry Combo A	1.97	43.00	12.70
CCL	2.87					
LNG SNG SNN LNN			QUADV2_MNA25 QuadV2 MN Section	2.13	43.00	14.51
BBRM BHT	0.13 0.13		QUADV2_BHTA08 Sensors For Processing Dataset: QuadV2	0.48	43.00	2.72

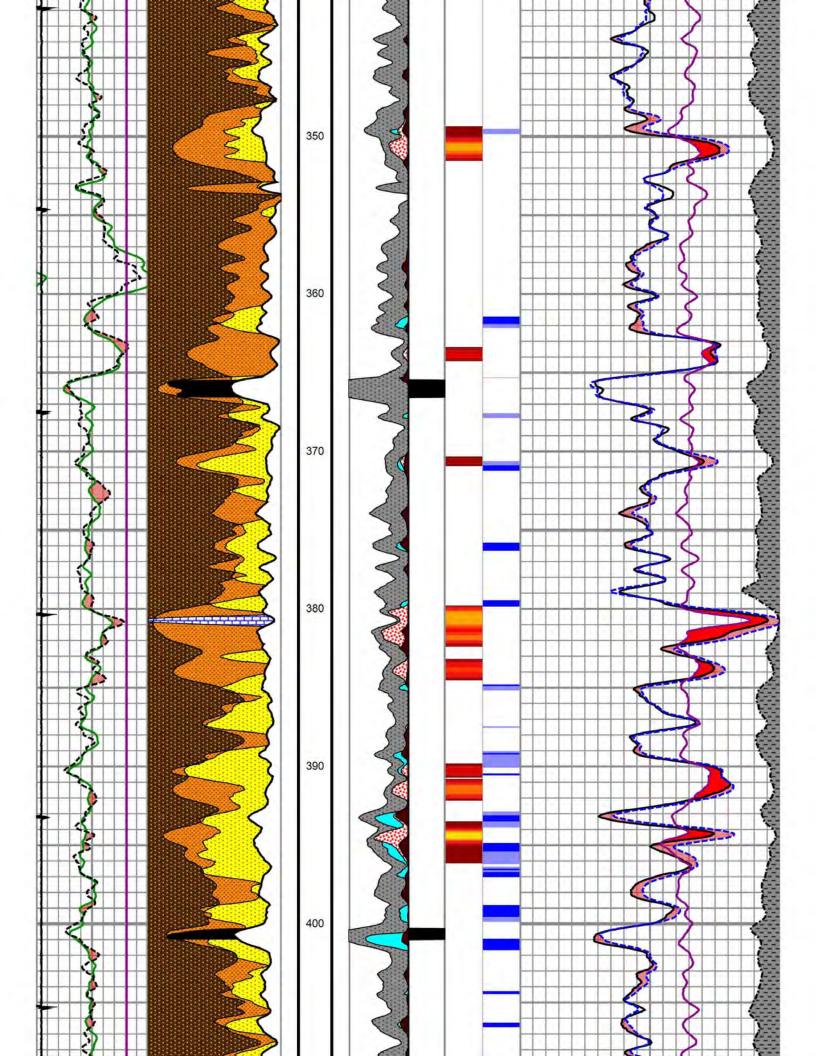
Dataset: Quaov∠
Total Length: 4.81 m
Total Weight: 31.29 kg
43.00 mm

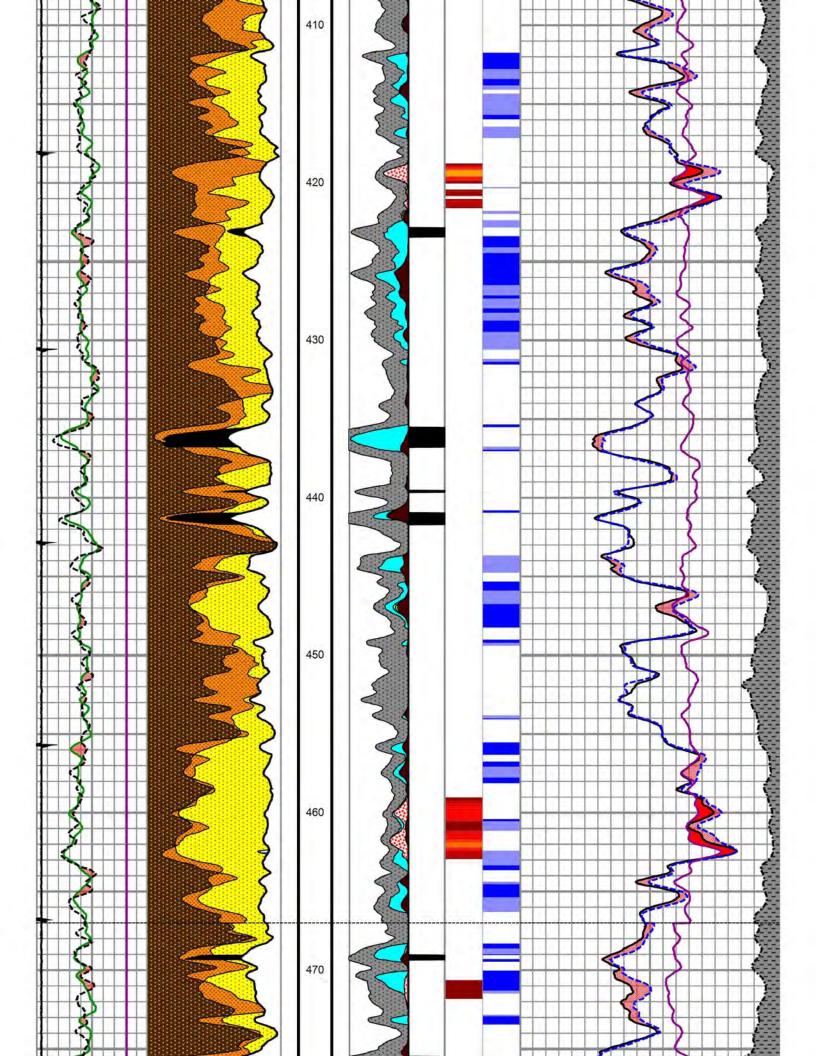


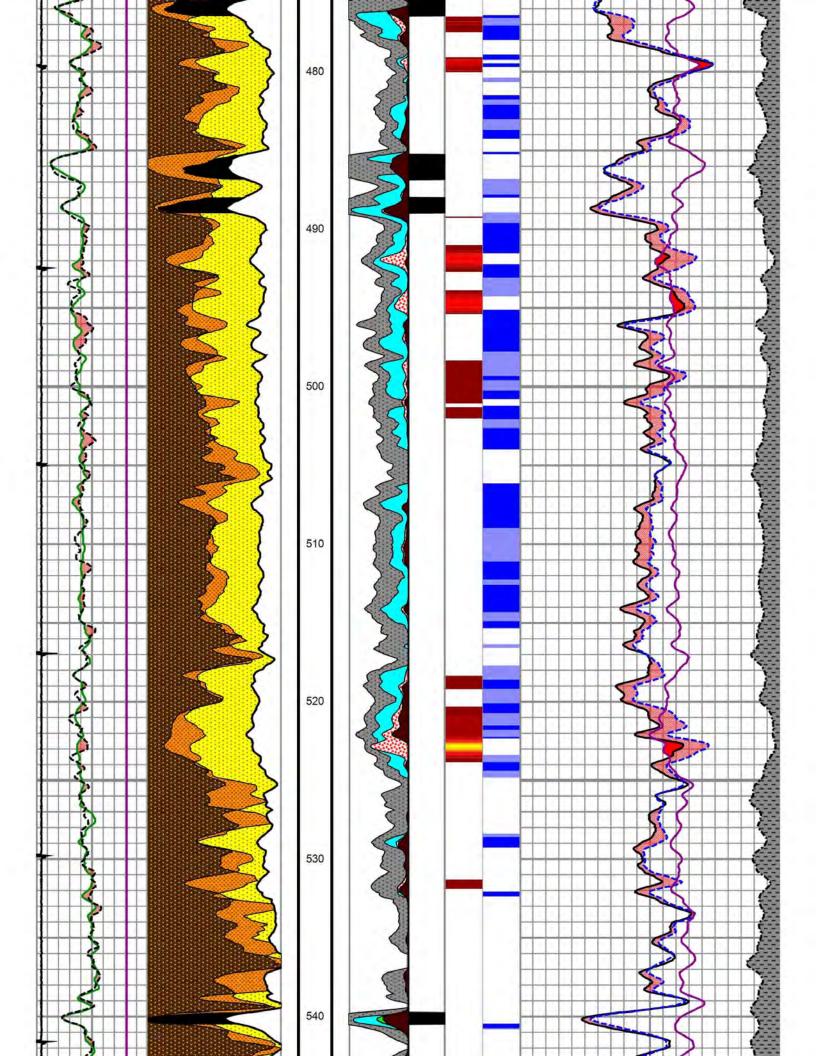


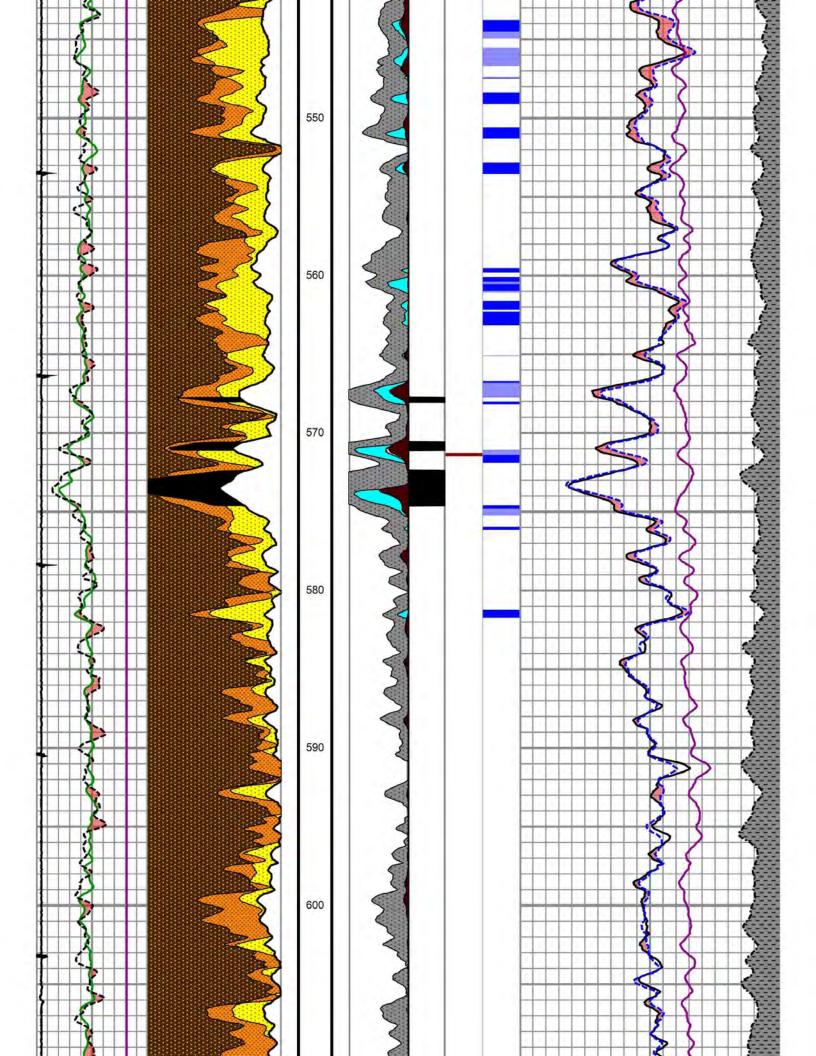


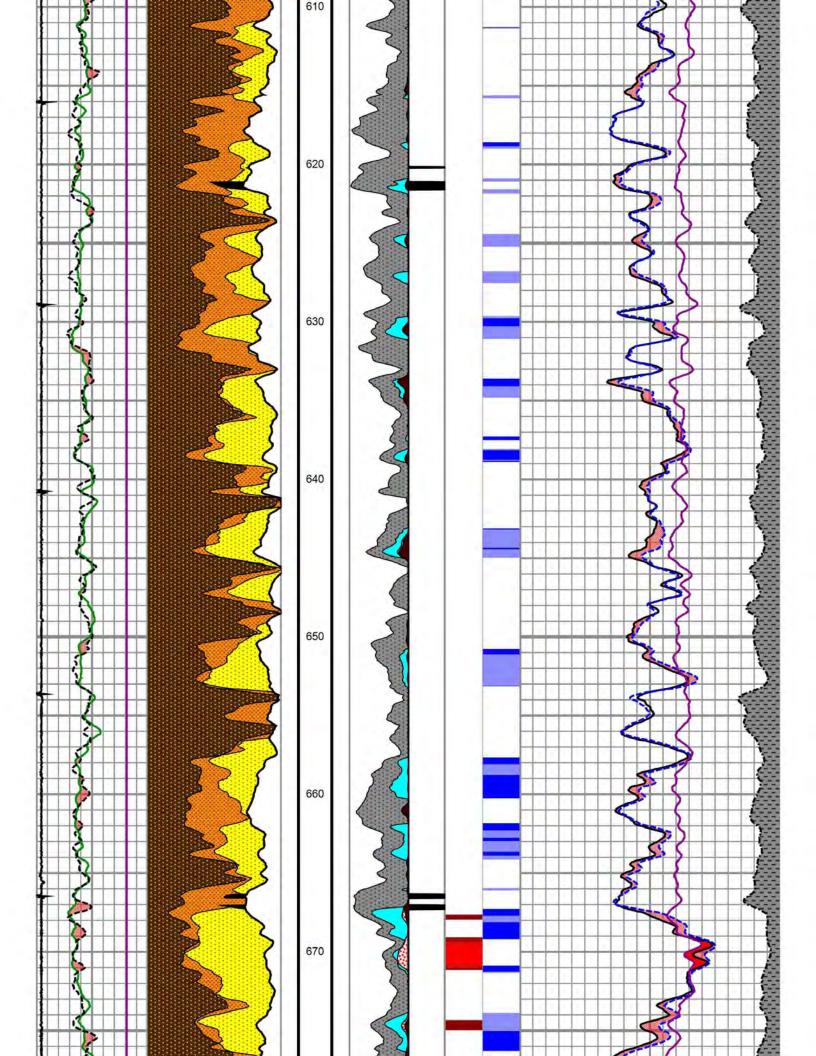


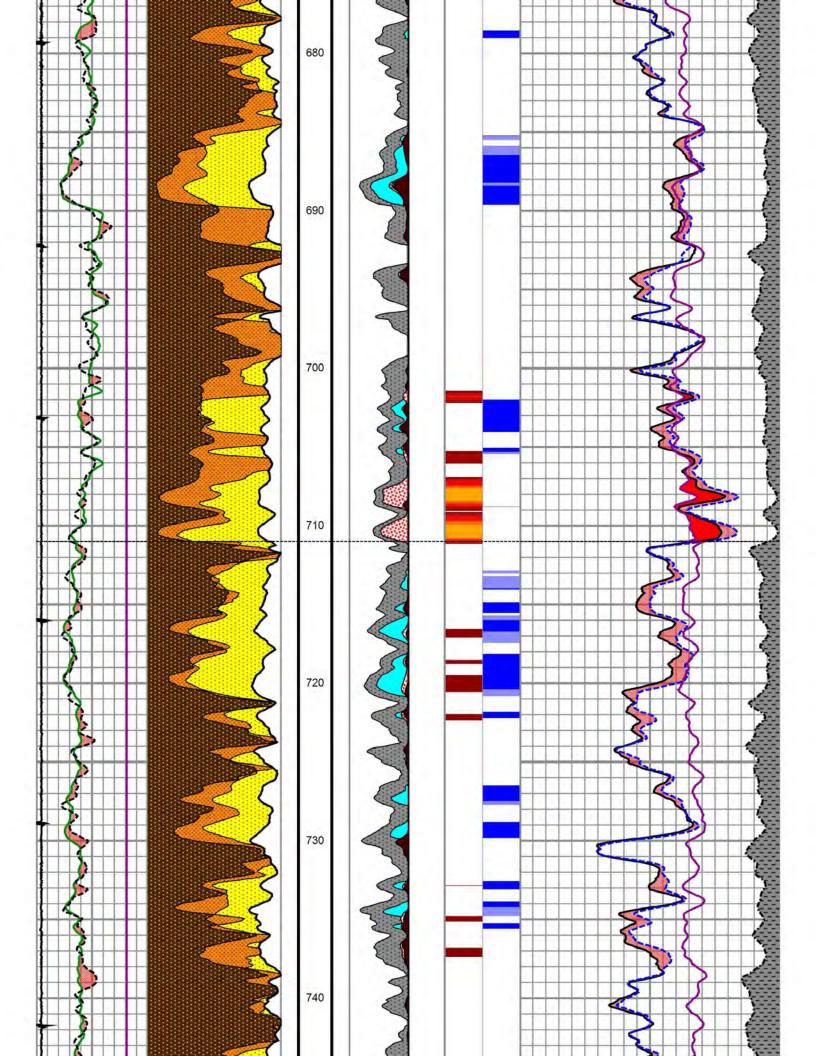


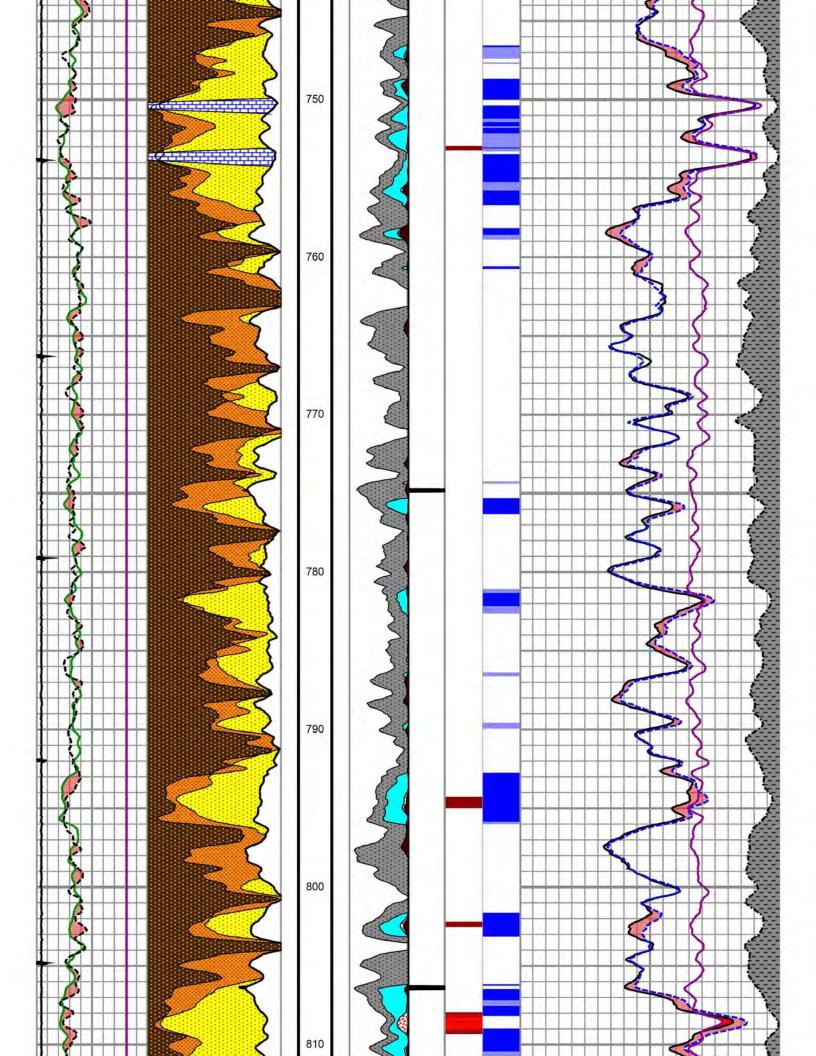


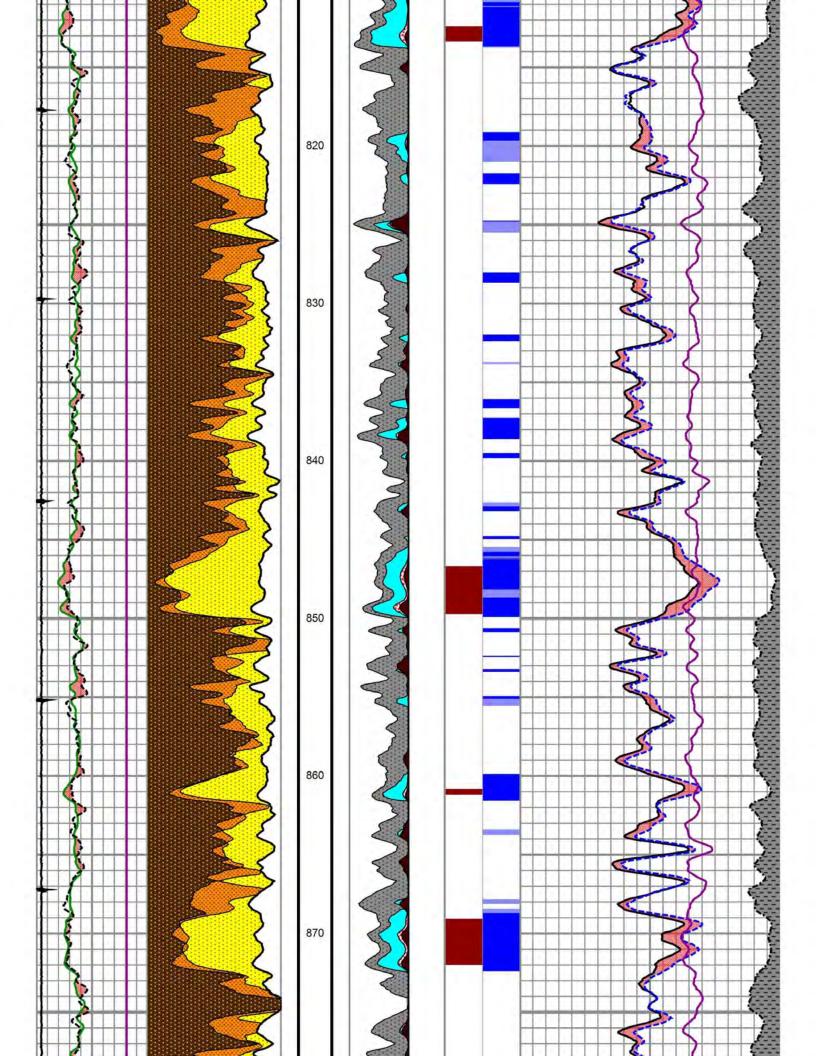


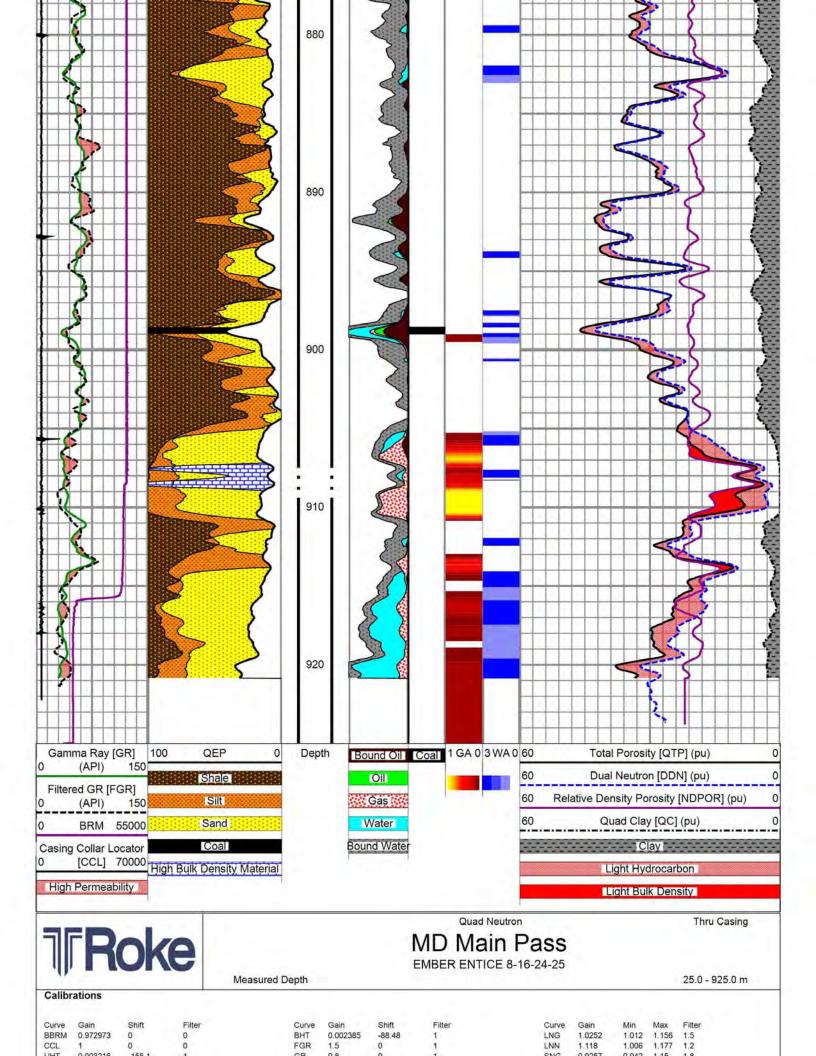












op: 25.00 m curve DTP QL DDN QC	Bottom: 199.00 m A 65	low compaction B		allper gain:1	Water:30 kppm oil	15 API	f-factor:23	ce gain:0	clay tie:49
OTP OL DON		В							
DDN			Gain	Shift	Curve	WT	Cutoff	Min	Max
DDN	33	-11 -40	1.2	-5 -10	DGR GR	0	10	0	65 60
C	2.4	-34.5	1	-13.5	DDN	35	8	0	60
	0.0008	-2.5	0.2	-2.5	QC	0	2	0	100
NNp	-174	56	-174	56	PROP	0	0	0	60
NNp	-13	45.9239 106.798	-13	45.9239	CE	0	3	0	60
NGp NGp	-109 -22	61.6229	-109 -22	106.798 61.6229	COAL calcite	1	42 15	0	60
GR	1	0	1.8	0	CEp	65	4	0	100
Ep	1	0	2.2	23	33.4				955
NNpost	1	0	1	0					
NGpost	1	0	1	0					
NL ntCounts	1	0	1	3					
Saturation	QLce	ddn:0	clay:20	boundwater:0	waterfreeoil:0	boundoil:0	filter:0.3	swak:F	False
	coll maxclay:False	coll swqcfp:True	use snnp-innp:False	snnp-innp:0	swollcor, 120827-HK				
ithology	shale:7	silt (bliquid):6	sand;0	collector.7	calcite min:-4	calcite max;-7	coal porosity:35	hcoal:	45
	use:qc	Igrshale:50	Igrsand:20	Igrcollcut:1	carbonate:False	dolasmud False	minclayfe:20	qtpqlfe	9:20
Waster Bassalla	fe100:20	nofe:20	Hish:30	Larionov;old					
ffective Porosity	SH	lithology:gr shale/qc s	(II						
ASING 219.1 - mm	1								
op: 199,00 m	Bottom: 467.00 m	low compaction	nuclear ca	aliper gain:1	water:43 kppm oil	15 API	f-factor;23	ce gain:0	clay tie:290
Curve	A	В	Gain	Shift	Curve	WT	Cutoff	Min	Max
TP	65	-11	1	-5	DGR	0	10	0	65
DL .	30.25	-30	1.1	-2.5	GR	0	20	0	60
DDN DC	2.16 0.0011	-23.9 0	0.9	-5 0	DDN	35	8	0	100
SNNp	-174	56	-174	56	PROP	0	2	0	60
NNp	-1/4	44.2312	-15	44.2312	CE	0	3	0	60
SNGp	-159	83.1141	-159	83.1141	COAL	1	42	0	60
NGp	-21	63.2516	-21	63.2516	calcite	1	15	0	60
GR	1	0	1.8	0	CEp	65	4	0	100
Ep	1	0	2,2	23					
NNpost	1	0	1	0					
NGpost NL	1	0	4	3					
ntCounts	1	0	a c	0					
Saturation	QLce	ddn:0	clay:20	boundwater:0	waterfreeoil:0	boundoil:0	filter:0,3	swak:F	False
	coll maxclay:False	coll swqcfp:True	use snnp-innp:False	snnp-lnnp:0	swallcor: 120827-HK				
ithology	shale:7	silt (bliquid):6	sand:0	collector:7	calcite min:-4 calcite max:-7		coal porosity:35 hcoal:45		
	use:qc	Igrshale:80	Igrsand:25	Igrcollcut:1	carbonate:False	dolasmud False	minclayfe:20	qtpqtfe	3:20
ffective Porosity	fe100:20 SH	nofe:20	Hlsh:30	Larionov:old					
inective Polosity	OH	lithology:gr shale/qc s							
ASING 219.1 - mm	1								
op: 467.00 m	Bottom: 711.00 m	low compaction	nuclear ca	aliper gain:1	water:43 kppm oil	15 API	f-factor:25	ce gain:0	clay tie:644
curve	A	В	Gain	Shift	Curve	WT	Cutoff	Min	Max
2TP	65	-11	1	-5	DGR	0	10	0	65
DL.	30.25	-28.5	1.1	-1	GR	0	20	0	60
DDN DC	2.16 0.0011	-25.9 -1	0.9	-7 -1	DDN QC	35 0	8 2	0	100
NNp	-174	56	-174	56	PROP	0	0	0	60
NNp	-15	42.5507	-15	42.5507	CE	0	3	0	60
NGp	-159	82.1447	-159	82.1447	COAL	1	42	0	60
NGp	-21	60.7042	-21	60.7042	calcite	1.	15	0	60
GR	1	0	1.8	0	CEp	65	4	0	100
Ep	1	0	2.2	25					
SNNpost SNGpost	1	0	1	0					
INL	1	0	1	3					
ntCounts	1	0	1	ō					
Saturation	QLce	ddn:0	clay:20	boundwater:0	waterfreeoil:0	boundoil:0	filter:0.3	swak:	False
40.00	coll maxclay False	coll swqcfp:True	use snnp-lnnp:False	snnp-lnnp:0	swoilcor: 120827-HK		The same have	1000	-
ithology	shale:7	silt (bliquid):6	sand:0	collector:7	calcite min:-4	calcite max:-7	coal porosity:35	hcoal:	
	use:qc fe100:20	Igrshale:77 nofe:20	Igrsand:25 HIsh:30	Igrcollcut:1 Larionov:old	carbonate:False	dolasmud,False	minclayfe;20	qtpqlfe	1,20
Effective Porosity	SH	lithology:gr shale/qc s		Landilov, old					
2000 211 21 22 23 11	211	a) Si eliele do s							
one 4									
op: 711.00 m	Bottom: 925.00 m	low compaction		aliper gain:1				ce gain:0	clay tie:735
Curve	A	В	Gain	Shift	Curve	WT	Cutoff	Min	Max
TP	65	-11	1	-5	DGR	0	10 20	0	65
DDN	30.25 2.16	-28.5 -25.9	0.9	-1 -7	GR DDN	0 35	20 8	0	60 60
2C	0.0012	-20.9	0.3	-1	QC	0	1	0	100
NNp	-174	60	-174	60	PROP	0	o	0	60
NNp	-15	47.2151	-15	47.2151	CE	0	3	0	60
NGp	-159	85.6835	-159	85.6835	COAL	1	42	0	60
NGp	-22	64.2605	-22	64.2605	calcite	1	15	0	60
GR	1	0	1.8	0	CEp	65	4	0	100
Ep	1	0	2.2	22					
NNpost		0	1	0					
SNGpost CNL	1	0	1	3					
ntCounts	1	0	1	0					
Saturation	QLce	ddn:0	clay:20	boundwater:0	waterfreeoil:0	boundoil:0	filter:0.3	swak:F	False
The seals	coll maxclay:False	coll swqcfp:True	use snnp-innp:False	snnp-lnnp:0	swollcor 120827-HK		2.707.50		The state of the s
	shale:7	silt (bliquid):6	sand:0	collector.7	calcite min:-4	calcite max:-7	coal porosity:35	hcoal	45
ithology									
ithology	use qc fe100:20	Igrshale:60 nofe:20	lgrsand:25 Hlsh:30	Igrcollcut:1	carbonate:False	dolasmud False	minclayfe;20	qtpqlfe	9.20