Gamma Ray Segmented Bond Log

Baker Atlas

State	New York
RGE	N/A
Other Services	MicroVertilog 9 5/8"
Elevations	KB N/A, DF N/A, GL N/A

In making interpretations of logs, our employees will give the customer the benefit of their best judgement. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

Borehole Record

Bit Size	From	To

Casing Record

Size	Weight	Grade	From	To
9.625 in	40 lbm/ft	N/A	0 ft	2100 ft

Remarks

Thank you for choosing Baker Atlas

Crew on your location; D. Jeffries

Logged SBT from 2050' 100'

Lost Hydrostratic Pressure due to fluid level @100'

Normalization Pass

SBT NORMALIZATION RESULTS

CURVE	PARAMETER	VALUE	UNITS	TOP	BOTTOM	COMMENT
ATC1	seg1 cnormf1	0.000	db/ft	99.938	366.969	
ATC2	seg2 cnormf2	0.000	db/ft	99.938	366.969	
ATC3	seg3 cnormf3	0.000	db/ft	99.938	366.969	
ATC4	seg4 cnormf4	0.000	db/ft	99.938	366.969	
ATC5	seg5 cnormf5	0.000	db/ft	99.938	366.969	
ATC6	seg6 cnormf6	0.000	db/ft	99.938	366.969	
ATC1	seg1 dnormf1	0.160	db/ft	99.938	366.969	Good Confidence
ATC2	seg2 dnormf2	-0.049	db/ft	99.938	366.969	Good Confidence
ATC3	seg3 dnormf3	0.392	db/ft	99.938	366.969	Good Confidence
ATC4	seg4 dnormf4	-0.115	db/ft	99.938	366.969	Good Confidence
ATC5	seg5 dnormf5	-1.028	db/ft	99.938	366.969	Good Confidence
ATC6	seg6 dnormf6	0.639	db/ft	99.938	366.969	Good Confidence

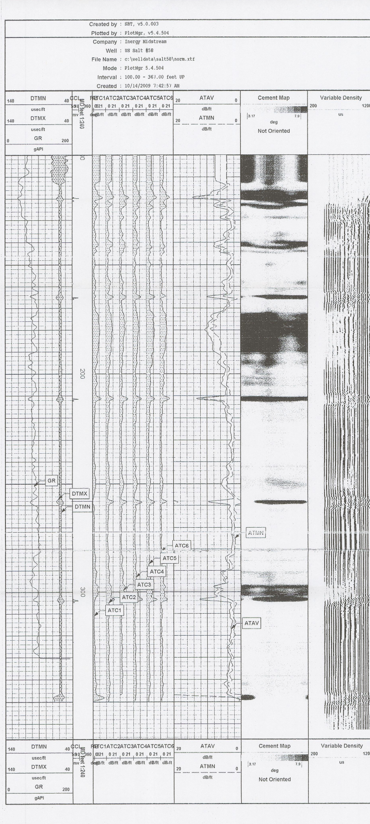
SBT PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
amp	fpamp	57.415	mv	84.506	367.000
amp	fpattn	1.589	dB/ft	84.506	367.000
atc	dbspread	4.241	dB/ft	84.506	367.000
atc	spacing	0.707	feet	84.506	367.000
cemr	casing od	9.625	inches	84.506	367.000
cemr	casing wt	40.000	lbm/ft	84.506	367.000
cemr	compress	1500.000	psi	84.506	367.000
CH	Bit Size	7.875	inches	99.938	366.969
CH	Casing Thickness	0.400	inches	84.506	367.000
CH	Casing/Cement Correction	No		99.938	366.969
CH	CH Chism	No		99.938	366.969
CH	Matrix	Limestone		99.938	366.969
CH	Salinity	0.000	ppm	99.938	366.969

DEPTH OFFSETS
(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
2346XA	43.500	CCL					
1309XA	34.557	GR					
2435XA	30.250	LSN					
2435XA	29.750	HKD	SSN				
1424XA	15.432	ATC1	ATC2	ATC3	ATC4	ATC5	ATC6
		ATAV	ATMN	ATMX	AMAV	DEV	DTMN
		DTMX	RB	XATT	YATT		
1424PA	4.080	CHV	CYQ	SIG			

Created by	SBT, v5.0.003
Plotted by	PlotMgr, v5.4.504
Company	Inergy Midstream
Well	US Salt #58
File Name	c:\welldata\salt58\norm.xtf
Mode	PlotMgr 5.4.504
Interval	100.00 - 367.00 feet UP
Created	10/14/2009 7:42:57 AM



Main Pass
5" / 100'

SBT NORMALIZATION RESULTS

CURVE	PARAMETER	VALUE	UNITS	TOP	BOTTOM	COMMENT
ATC1	seg1 cnormf1	0.160	db/ft	85.375	2055.781	
ATC2	seg2 cnormf2	-0.049	db/ft	85.375	2055.781	
ATC3	seg3 cnormf3	0.392	db/ft	85.375	2055.781	
ATC4	seg4 cnormf4	-0.115	db/ft	85.375	2055.781	
ATC5	seg5 cnormf5	-1.028	db/ft	85.375	2055.781	
ATC6	seg6 cnormf6	0.639	db/ft	85.375	2055.781	
ATC1	seg1 dnormf1	0.199	db/ft	85.375	2055.781	Good Confidence
ATC2	seg2 dnormf2	0.274	db/ft	85.375	2055.781	Good Confidence
ATC3	seg3 dnormf3	0.453	db/ft	85.375	2055.781	Good Confidence
ATC4	seg4 dnormf4	-0.430	db/ft	85.375	2055.781	Good Confidence
ATC5	seg5 dnormf5	-1.012	db/ft	85.375	2055.781	Good Confidence
ATC6	seg6 dnormf6	0.516	db/ft	85.375	2055.781	Good Confidence

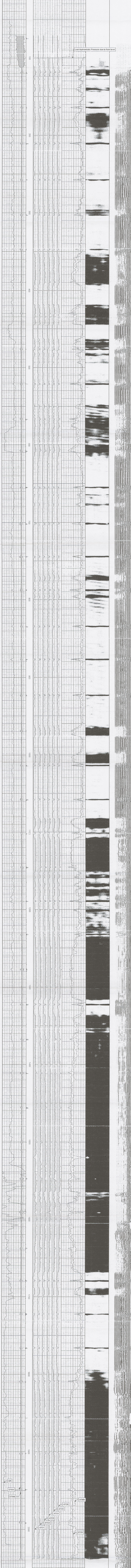
SBT PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
amp	fpamp	57.415	mv	69.943	2056.000
amp	fpattn	1.589	dB/ft	69.943	2056.000
atc	dbspread	4.241	dB/ft	69.943	2056.000
atc	spacing	0.707	feet	69.943	2056.000
cemr	casing od	9.625	inches	69.943	2056.000
cemr	casing wt	40.000	lbm/ft	69.943	2056.000
cemr	compress	1500.000	psi	69.943	2056.000
CH	Bit Size	7.875	inches	85.375	2055.781
CH	Casing Thickness	0.400	inches	69.943	2056.000
CH	Casing/Cement Correction	No		85.375	2055.781
CH	CH Chism	No		85.375	2055.781
CH	Matrix	Limestone		85.375	2055.781
CH	Salinity	0.000	ppm	85.375	2055.781

DEPTH OFFSETS
(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
2346XA	43.500	CCL					
1309XA	34.557	GR					
2435XA	30.250	LSN					
2435XA	29.750	HKD	SSN				
1424XA	15.432	ATC1	ATC2	ATC3	ATC4	ATC5	ATC6
		ATAV	ATMN	ATMX	AMAV	DEV	DTMN
		DTMX	RB	XATT	YATT		
1424PA	-4.080	CHV	CYQ	SIG			

Created by	SBT, v5.0.003
Plotted by	PlotMgr, v5.4.504
Company	Inergy Midstream
Well	US Salt #58
File Name	C:\WELLDATA\Salt58\MAIN.XTF
Mode	PlotMgr 5.4.504
Interval	-40.00 - 2056.00 feet UP
Created	10/14/2009 8:26:40 AM



Repeat Section

SBT NORMALIZATION RESULTS

CURVE	PARAMETER	VALUE	UNITS	TOP	BOTTOM	COMMENT
ATC1	seg1 cnormf1	0.160	db/ft	1799.781	2057.000	
ATC2	seg2 cnormf2	-0.049	db/ft	1799.781	2057.000	
ATC3	seg3 cnormf3	0.392	db/ft	1799.781	2057.000	
ATC4	seg4 cnormf4	-0.115	db/ft	1799.781	2057.000	
ATC5	seg5 cnormf5	-1.028	db/ft	1799.781	2057.000	
ATC6	seg6 cnormf6	0.639	db/ft	1799.781	2057.000	
ATC1	seg1 dnormf1	0.433	db/ft	1799.781	2057.000	Good Confidence
ATC2	seg2 dnormf2	0.606	db/ft	1799.781	2057.000	Good Confidence
ATC3	seg3 dnormf3	0.258	db/ft	1799.781	2057.000	Good Confidence
ATC4	seg4 dnormf4	-0.759	db/ft	1799.781	2057.000	Good Confidence
ATC5	seg5 dnormf5	-1.245	db/ft	1799.781	2057.000	Good Confidence
ATC6	seg6 dnormf6	0.708	db/ft	1799.781	2057.000	Good Confidence

SBT PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
amp	fpamp	57.415	mv	1784.349	2057.000
amp	fpattn	1.589	dB/ft	1784.349	2057.000
atc	dbspread	4.241	dB/ft	1784.349	2057.000
atc	spacing	0.707	feet	1784.349	2057.000
cemr	casing od	9.625	inches	1784.349	2057.000
cemr	casing wt	40.000	lbm/ft	1784.349	2057.000
cemr	compress	1500.000	psi	1784.349	2057.000
CH	Bit Size	7.875	inches	1799.781	2057.000
CH	Casing Thickness	0.400	inches	1784.349	2057.000
CH	Casing/Cement Correction	No		1799.781	2057.000
CH	CH Chism	No		1799.781	2057.000
CH	Matrix	Limestone		1799.781	2057.000
CH	Salinity	0.000	ppm	1799.781	2057.000

DEPTH OFFSETS
(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
2346XA	-43.500	CCL					
1309XA	-34.557	GR					
2435XA	-30.250	LSN					
2435XA	-29.750	HKD	SSN				
1424XA	-15.432	ATC1	ATC2	ATC3	ATC4	ATC5	ATC6
		ATAV	ATMN	ATMX	AMAV	DEV	DTMN
		DTMX	RB	XATT	YATT		
1424PA	4.080	CHV	CYQ	SIG			

Created by	SBT, v5.0.003
Plotted by	PlotMgr, v5.4.504
Company	Inergy Midstream
Well	US Salt #58
File Name	C:\WELLDATA\Salt58\REPEAT.XTF
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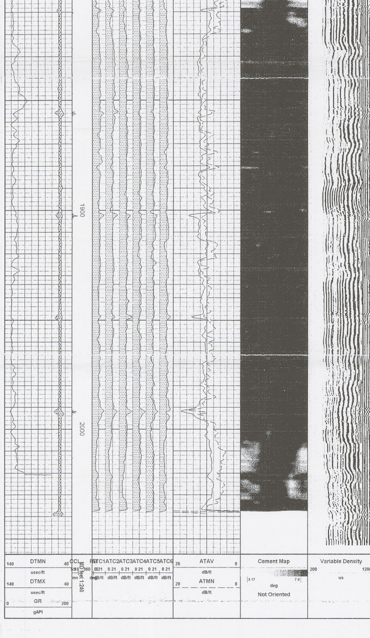
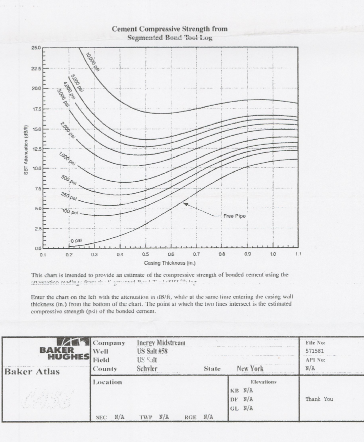
Created	10/14/2009 8:11:33 AM



Cement Compressive Strength from Segmented Bond Tool Log



Baker Atlas

Company	Inergy Midstream
Well	US Salt #58
County	Schuyler
State	New York
Elevations	KB N/A, DF N/A, GL N/A