

LOGGING DATE: 27-DEC-1998  
 LOGGING TIME: 07:47  
 LOGGING DEPTH: 2952.0 FT  
 LOGGING INTERVAL: 10.0 FT  
 LOGGING START: 2952.0 FT  
 LOGGING STOP: 2952.0 FT

MUD	Water	3.000	1.000
FLUID LOSS	0.000	0.000	0.000
TEMPERATURE	49.000	49.000	49.000
RESISTIVITY	1.000	1.000	1.000
LOGGING DATE	27-DEC-1998		
LOGGING TIME	07:47		
LOGGING DEPTH	2952.0		
LOGGING INTERVAL	10.0		
LOGGING START	2952.0		
LOGGING STOP	2952.0		

ALL INTERPRETATIONS AND OPINIONS BASED ON INFERENCE FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS AND WE SHALL NOT BE RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES, EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSES 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

OTHER SERVICES1	OS1: INTERACT	OTHER SERVICES2	OS2: GROUND
OS2: NEUTRON	OS3: DENSITY	OS3: DENSITY	OS4: RESIST
OS4: RESIST	OS5: RESIST	OS5: RESIST	OS6: RESIST

RUN 1	6004669	RUN 2	6004669
LOGGED INTERVAL	START	LOGGED INTERVAL	START

EQUIPMENT DESCRIPTION	
RUN 1	RUN 2



Input DLIS Files	Output DLIS Files
DEFAULT HILTB_031 FN:1 FIELD 24-Dec-1998 17:45 2952.0 FT 332.0 FT	DEFAULT HILTB_033 FN:25 FIELD 24-Dec-1998 18:04 2952.0 FT 500.0 FT

Integrated Hole/Cement Volume Summary	
Hole Volume = 611.67 F3	Cement Volume = 502.51 F3 (assuming 2.88 IN casing O.D.)
Computed from 2952.0 FT to 5310.0 FT using data channel(s) HCAL	

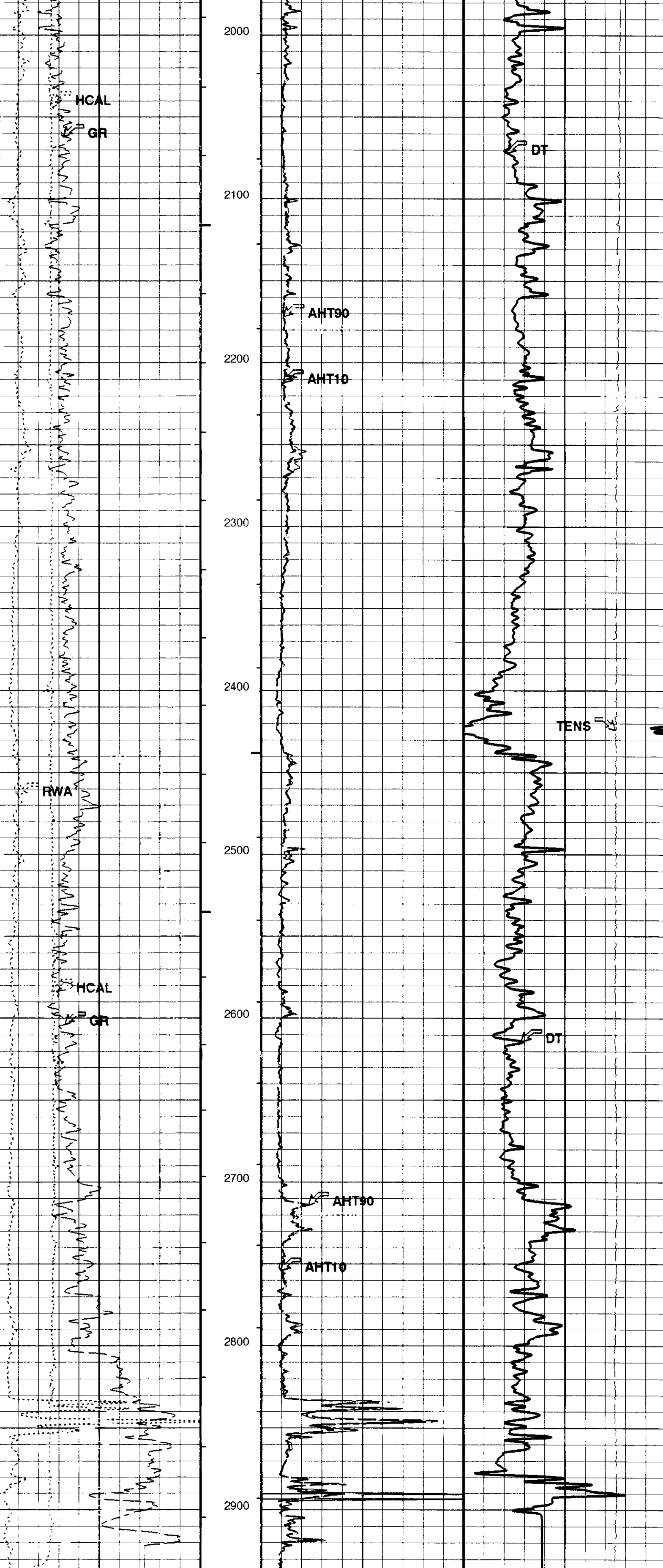
OP System Version: 8C1-205	
HILTB-DTB APCW-98Q2	MCM DCLT-TCC APCW-98Q2

Changed Parameter Summary			
DLIS Name	New Value	Previous Value	Depth & Time
SPW	-20 MW	-10 MW	2739.0 18:07:41
	-15 MW	-20 MW	2545.0 18:08:11
	-15 MW	-10 MW	2021.0 18:09:03
	-15 MW	-10 MW	1815.0 18:09:28
	-15 MW	-15 MW	601.0 18:11:42

Parameters			
DLIS Name	Description	Value	Unit
AHBM	AIT-H Borehole Correction Mode	2	ComputeStandoff
AHCE	AIT-H Basic Logs Mode	6	One_Two_end_Four
AHCF	AIT-H Casing Detection Enable	Yes	Yes
AHCH	AIT-H Tool Centering Flag (In Borehole)	Centered	-5000.0
AHCL	AIT-H Casing Shear Estimated Depth	0.0	FT
AHCR	AIT-H Mud Resistivity Factor	0.5	IN
AHCS	AIT-H Tool Standoff	1	IN
AHCT	AIT-H Selection for ALLRES computation)	13	AITS
AHCU	Bottom Hole Temperature (used in calculations)	78	DEGF
AHCV	Drilling Fluid Density	6.750	LB/G
AHCH	Density Hole Temperature	85	DEGF
AHCL	Depth Offset	FULL	FT
AHCR	Delta-T Correction Mode	1	DEGF
AHCS	Form Factor Numerator	1	DEGF
AHCT	Form Factor Denominator	1	DEGF
AHCU	Form Factor Porosity Source	DPHZ	DEGF
AHCV	Generalized Caliper Selection	HCAL	DEGF
AHCH	Average Angular Deviation of Borehole from Normal	0.0	DEGF
AHCL	Generalized Mud Resistivity Selection	AITH RESIST	DEGF
AHCR	Generalized Temperature Selection	LINEAR ESTIMATE	DEGF
AHCS	HIL-T Street Correction Mode	TSCD_SPEED_CORRECT	DEGF
AHCT	SP Next Value	YES	DEGF
AHCU	Mud Sample Temperature	46.00	DEGF
AHCV	HIL-T Nuclear Mud Type	NOBRITE	DEGF
AHCH	HRDD Processing Mode	SHRRes	DEGF
AHCL	HRDD Depth Sampling Rate	1	IN
AHCR	Resistivity of Mud Filtrate Sample	NORMAL	OHMM
AHCS	RTCO - Rt Inversion Correction	YES	OHMM
AHCT	Resistivity of Connate Water	1.0000	OHMM
AHCU	Surface Hole Temperature	48	DEGF
AHCV	SP Next Value	2070	FT
AHCH	Total Depth	100.00	DEGF
AHCL	Temperature of Connate Water Sample	130.00	DEGF

OP System Version: 8C1-205	
HILTB-DTB APCW-98Q2	MCM DCLT-TCC APCW-98Q2

Speed Corrected - Depth Matched LOG			
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DEFAULT HILTB_031 FN:1 FIELD 24-Dec-1998 17:45 2952.0 FT 332.0 FT	DEFAULT HILTB_033 FN:25 FIELD 24-Dec-1998 18:04 2952.0 FT 500.0 FT		



Parameters			
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AHBM	AIT-H Borehole Correction Mode	2	ComputeStandoff
AHCE	AIT-H Basic Logs Mode	6	One_Two_end_Four
AHCF	AIT-H Casing Detection Enable	Yes	Yes
AHCH	AIT-H Tool Centering Flag (In Borehole)	Centered	-5000.0
AHCL	AIT-H Casing Shear Estimated Depth	0.0	FT
AHCR	AIT-H Mud Resistivity Factor	0.5	IN
AHCS	AIT-H Tool Standoff	1	IN
AHCT	AIT-H Selection for ALLRES computation)	13	AITS
AHCU	Bottom Hole Temperature (used in calculations)	78	DEGF
AHCV	Drilling Fluid Density	6.750	LB/G
AHCH	Density Hole Temperature	85	DEGF
AHCL	Depth Offset	FULL	FT
AHCR	Delta-T Correction Mode	1	DEGF
AHCS	Form Factor Numerator	1	DEGF
AHCT	Form Factor Denominator	1	DEGF
AHCU	Form Factor Porosity Source	DPHZ	DEGF
AHCV	Generalized Caliper Selection	HCAL	DEGF
AHCH	Average Angular Deviation of Borehole from Normal	0.0	DEGF
AHCL	Generalized Mud Resistivity Selection	AITH RESIST	DEGF
AHCR	Generalized Temperature Selection	LINEAR ESTIMATE	DEGF
AHCS	HIL-T Street Correction Mode	TSCD_SPEED_CORRECT	DEGF
AHCT	SP Next Value	YES	DEGF
AHCU	Mud Sample Temperature	46.00	DEGF
AHCV	HIL-T Nuclear Mud Type	NOBRITE	DEGF
AHCH	HRDD Processing Mode	SHRRes	DEGF
AHCL	HRDD Depth Sampling Rate	1	IN
AHCR	Resistivity of Mud Filtrate Sample	NORMAL	OHMM
AHCS	RTCO - Rt Inversion Correction	YES	OHMM
AHCT	Resistivity of Connate Water	1.0000	OHMM
AHCU	Surface Hole Temperature	48	DEGF
AHCV	SP Next Value	2070	FT
AHCH	Total Depth	100.00	DEGF
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OP System Version: 8C1-205	
HILTB-DTB APCW-98Q2	MCM DCLT-TCC APCW-98Q2

COMPANY: Enerfin Resources Northwest	BOTTOM LOG INTERVAL: 2953 F
WELL: CC 41-06-65 (Fishwhack) RD #1	SCHLUMBERGER DEPTH: 2960 F
FIELD: Mist	DEPTH DRILLER: 2970 F
COUNTY: Columbia	KELLY BUSHING: 919 F
STATE: Oregon	DRILL FLOOR: 919 F
	GRIND LEVEL: 909 F