Schlumberger

COMPANY	NAHAMA AND WEAGANT ENERGY CO.
WELL	"FISHHAWK/WILSON" #TIA-S-65
FIELD	MIST
COUNTY	COLUMBIA
STATE	OREGON

DUAL INDUCTION-SFL-SONIC

WITH LINEAR CORRELATION LOG

BDML FR	3744.0 F
BDML TO	3780.0 F
DRLM TO	3780.0 F
Elev: KB	848.0 F
DF	
GL	824.0 F

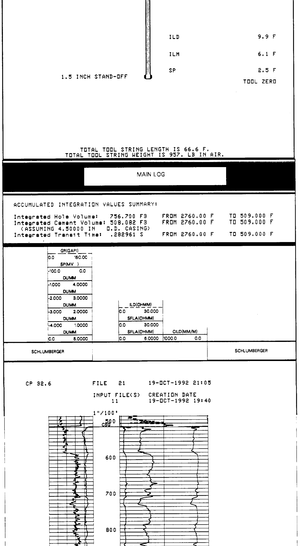
COMPANY	NAHAMA AND WEAGANT ENERGY CO.
WELL	"FISHHAWK/WILSON" #TIA-S-65
FIELD	MIST
COUNTY	COLUMBIA
STATE	OREGON

DUAL INDUCTION-SFL-SONIC

WITH LINEAR CORRELATION LOG

BDML FR	3744.0 F		
BDML TO	3780.0 F		
DRLM TO	3780.0 F		
Elev: KB	848.0 F		
DF			
GL	824.0 F		
Run No.	ONE		
Service Order No.	38470		
Drilling Fluid Level	SEA LEVEL		
Salinity	8000 PPM		
Rm @ BHT	1.452 OHMM	@ 54.0 DEGF	@
Rmf @ BHT	.488 OHMM	@ 54.0 DEGF	@
Logging Engineer	BRUCE FOX		
EQUIPMENT DATA			
Tool Number 1	DIC-DC 389		
Tool Number 2	DCSA 078		
Tool Number 3	MCD SA 197		
Tool Number 4	SLS-WA 184		
Tool Number 5	SLC-MA 74		
Tool Number 6	SSC-JC 448		
Tool Number 7	SLM-BD 304		
Tool Number 8	SLM-DA 458		
Tool Number 9	SLM-MC 416		
Tool Number 10			
Tool Number 11			
Tool Number 12			
REMARKS			

LOGGING TOOL STRING SKETCH

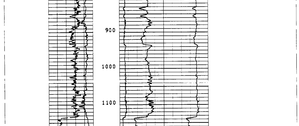


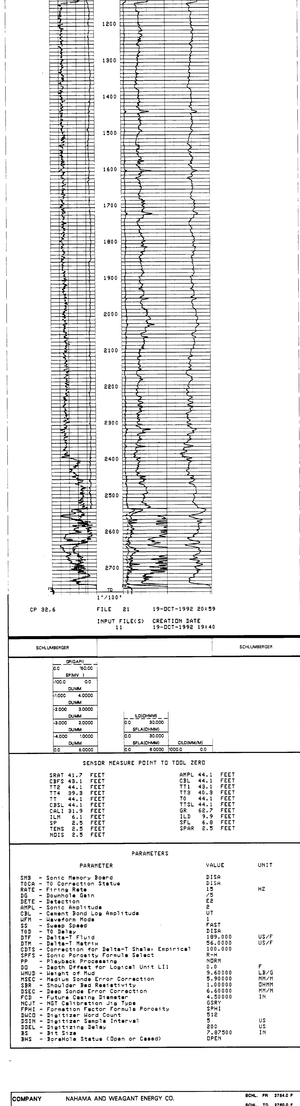
TOTAL TOOL STRING LENGTH IS 66.4 F.
TOTAL TOOL STRING WEIGHT IS 932. LB IN AIR.

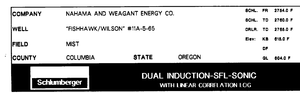
MAIN LOG

ACCUMULATED INTEGRATION VALUES SUMMARY

Integrated Hole Volume:	256.705 F3	FROM 3760.00 F	TO 3509.000 F
Integrated Cement Volume:	308.082 F3	FROM 3760.00 F	TO 3509.000 F
(ASSUMING 4.50000 IN O.D. CASING)			
Integrated Transit Time:	.288961 S	FROM 3760.00 F	TO 3509.000 F







SENSOR MEASURE POINT TO TOOL ZERO

SRAT 41.7	FEET	AMPL 44.1	FEET
CBFS 49.1	FEET	CBL 44.1	FEET
TT2 44.1	FEET	TT1 49.1	FEET
TT3 44.1	FEET	TT4 44.1	FEET
TT 44.1	FEET	TO 44.1	FEET
CBSL 44.1	FEET	TTSL 44.1	FEET
CALI 31.9	FEET	GR 62.7	FEET
ILM 6.1	FEET	ILD 9.9	FEET
SP 2.5	FEET	SFL 6.8	FEET
TEMS 2.5	FEET	SPAR 2.5	FEET
MDIS 2.5	FEET		

PARAMETERS

PARAMETER	VALUE	UNIT
SMB - Sonic Memory Board	DISA	
TECS - To Correction Status	DISA	
RATE - Firing Rate	15	HZ
DG - Downhole Gain	/5	
DETE - Detection	E2	
AMPL - Sonic Amplitude	2	
CBL - Cement Bond Log Amplitude	UT	
SF - Sweep Mode	1	
SS - Sonic Speed	FAST	
TOS - To Select	DISA	
DTF - Delta-T Fluid	189.0000	US/F
DTM - Delta-T Matrix	56.0000	US/F
CBTS - Correction For Delta-T Shales Empirical	100.000	
SPFS - Sonic Porosity Formula Select	W-H	
RW - Borehole Fluid Rw	.488OHM	
DO - Depth Offset For Logical Unit LII	0.0	F
HMUD - Weight of Mud	9.60000	LB/G
MSEC - Medium Sonde Error Correction	5.90000	MM/M
SBR - Shoulder Bed Resistivity	1.00000	OHMM
SSEC - Deep Sonde Error Correction	6.00000	MM/M
FCD - Future Casing Diameter	4.50000	IN
FCW - Future Casing Wall Thickness	.250000	
FPWI - Formation Factor Formula Porosity	SPWI	
SWCO - Digitizer Word Count	512	
DSIN - Digitizer Sample Interval	5	US
DDEL - Digitizing Delay	200	US
BS - Bit Size	7.87500	IN
BHS - Borehole Status (Open or Cased)	OPEN	