06-JUL-95

COUNTY	COLUMBIA
FIELD	MIST
LOCATION	1320'S & 1980'W
WELL	"ROARING CREEK" C.C. #41-36-75
COMPANY	NAHAMA AND WEAGANT ENERGY CO.

Schlumberger — COMPANY NAHAMA AND WEAGANT ENERGY CO. — WELL "ROARING CREEK" C.C. #41-36-75 — FIELD MIST — COUNTY COLUMBIA — STATE OREGON

DUAL INDUCTION-SFL-SONIC LINEAR CORRELATION LOG

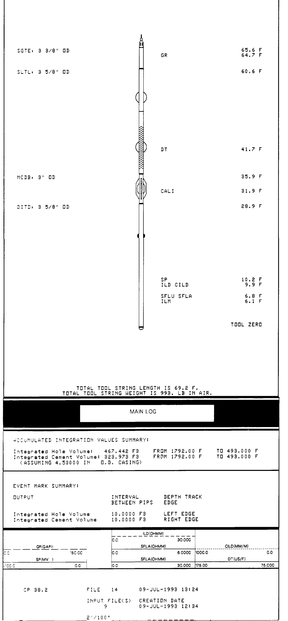
API Serial Number	36	009	00000
Section	36		
Township	7N		
Range	1W		
Permanent Datum	GL		
Log Measured From	KB	20 Ft. Above Perm. Datum	
Drilling Measured From	KB		
Date	09-JUL-1993		
Run Number	ONE		
Depth Driller	1800		
Depth Logger	1798		
Bottom Logged Interval	1798		
Top Logged Interval	1000		
Casing Driller Size	8.625 @	1000	
Casing Logger	1000		
Bit Size	7.875		
Type Fluid in Hole	GEL CHEM		
Density	9.3	LB/G	
Viscosity	45	S	
PH	9.5		
Fluid Loss	6.4	C3	
Source of Sample	FLOWLINE		
Rm @ Measured Temp	1.1 @ 70	DEGF	
Rmf @ Measured Temp	1.1 @ 70	DEGF	
Rmc @ Measured Temp	1.1 @ 70	DEGF	
Source Rmf / Rmc	MEASURED / CALCULATED		
Rm @ BHT	1.1 @ 70	DEGF	
Time Since Circulation	12	HOURS	
Max. Recorded Temp	70	DEGF	
Equipment Number	SDC		
Location	MCMINNVILLE	OR	
Recorded By	D. HOLLOWAY		
Witnessed By	MR. BOB CLARK		

"The well name, location and township references are as were furnished by the customer."

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 interpretations, and we shall not 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 as set forth in our current price schedule.

Run No.	ONE
Service Order No.	102452
Drilling Fluid Level	N/A
Bit Size	7.875 INCH
Casing Bottom	1012 CHAN @ 8.00 DEGF
Mud & Bit	1.00 CHAN @ 8.00 DEGF
Logging Speed	3000 FT/HR
EQUIPMENT DATA	
Tool Number 1	DIS-NL 1942
Tool Number 2	DCS-GR 1898
Tool Number 3	MCD-DA 1668
Tool Number 4	SLS-MC 1596
Tool Number 5	SLC-MA
Tool Number 6	SGC-C
Tool Number 7	AMS-BO 1596
Tool Number 8	NLS-CA 1668
Tool Number 9	NLM-MC 458
Tool Number 10	
Tool Number 11	
Tool Number 12	
Tool Number 13	
REMARKS	
	TWO OMEGA CENTRALIZERS RUN ON SONIC
	TWO 7.8" STANDOFFS RUN ON INDUCTION TOOL
	REPEAT SECTION CHOSEN BY CLIENT

LOGGING TOOL STRING SKETCH



TOTAL TOOL STRING LENGTH IS 69.8 F.
TOTAL TOOL STRING WEIGHT IS 999. LB IN AIR.

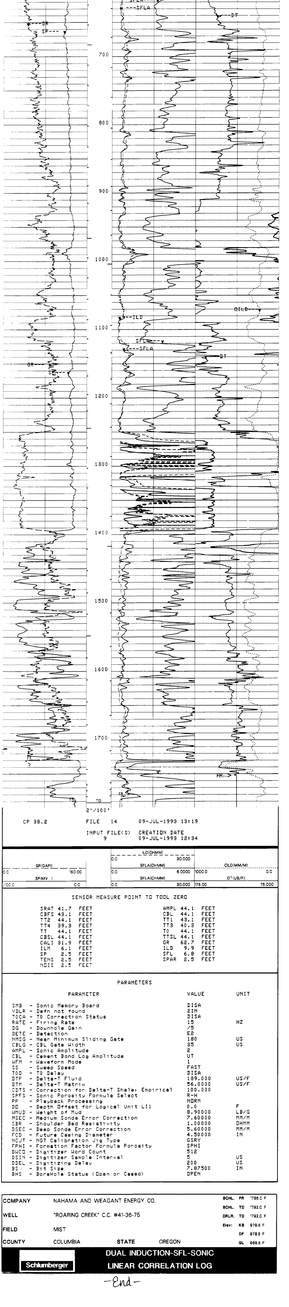
MAIN LOG

CALCULATED INTEGRATED VALUES SUMMARY

Integrated Hole Volume:	467.442 FT3	FROM 1798.00 F	TO 493.000 F
Integrated Cement Volume:	323.973 FT3	FROM 1798.00 F	TO 493.000 F
(ASSUMING 4.50000 IN O.D. CASING)			

EVENT MARK SUMMARY

OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
Integrated Hole Volume	15.0000 FT3	LEFT EDGE
Integrated Cement Volume	15.0000 FT3	RIGHT EDGE



SENSOR MEASURE POINT TO TOOL ZERO

SRAT	41.7	FEET	AMPL	44.1	FEET
CMFS	43.1	FEET	CBL	44.1	FEET
TTA	44.1	FEET	TTB	44.1	FEET
TTC	44.1	FEET	TTD	44.1	FEET
TT	44.1	FEET	TO	44.1	FEET
CBSL	44.1	FEET	TTSL	44.1	FEET
CALI	31.9	FEET	GR	40.7	FEET
DT	41.7	FEET	ILD	6.1	FEET
SP	10.8	FEET	SFL	6.8	FEET
TENS	2.5	FEET	SPAR	2.5	FEET
HCIS	2.5	FEET			

PARAMETERS

PARAMETER	VALUE	UNIT
IMB - Sonic Memory Board	DISA	
FLAG - Depth Shift Found	DIN	
TCOR - TD Correction Status	DISA	
RATE - Firing Rate	15	HZ
DG - Downhole Gain	/0	
DCIS - Detector Counts	0	
DSTA - Downhole Sliding Gate	180	US
CBLG - CBL Gate Width	50	US
AMPL - Sonic Amplitude	1.0	
CBL - Cement Bond Log Amplitude	0	
UPS - Uasarform Scale	1	
SS - Sweep Speed	FAST	
SPC - Sample Count	8192	
DTF - Delta-T Fluid	189.000	US/F
DTM - Delta-T Matrix	56.0000	US/F
DTCO - Correction for Delta-T Shales Empirical	180.000	
DPFS - Sonic Porosity Formula Select	HUN	
DPHI - Sonic Porosity	0.0000	
SG - Depth Stretch Factor (Actual Unit LS)	1.0	F
WMUD - Weight of Mud	8.9000	LB/G
MSC - Medium Sonde Error Correction	7.6000	MMHO
ISK - Shoulder Bed Resistivity	1.0000	OHMM
IBHC - Borehole Conductivity Correction	1.0000	MMHO
FCD - Mature Casing Diameter	4.5000	IN
HCJF - HDT Calibration Jig Type	DIRT	
FMF - Formation Factor Formula Porosity	IPHI	
DUCS - Downtrace Word Count	518	
DUCI - Downtrace Word Interval	2	US
DDL - Downtracing Delay	200	US
BS - Bit Size	7.8750	IN
BHC - Borehole Status (Open or Cased)	OPEN	

COMPANY	NAHAMA AND WEAGANT ENERGY CO.		
WELL	"ROARING CREEK" CC #41-36-75		
FIELD	MIST		
COUNTY	COLUMBIA	STATE	OREGON

BDML FR	7982.0 F
BDML TO	7982.0 F
DRLR TD	7982.0 F
Elev. KB	8769.0 F
GP	8769.0 F
GL	8749.0 F

Schlumberger — DUAL INDUCTION-SFL-SONIC LINEAR CORRELATION LOG

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