

COMPANY: ARCO OIL AND GAS
WELL: COLUMBIA COUNTY 14-23

FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON
LOCATION: 108-87 N. & 1099-69 E
SEC. 88 T1P1 8N R81 E1 8N

PERMANENT DATUM: CL 688.7 F
ELEV. OF PERM. DATUM: 688.7 F
LDO MEASURED FROM: KB
BRI 643.7 F
ELEVATIONS: KB 643.7 F
BRI 688.7 F
BRLG. MEASURED FROM: KB
DI 688.7 F

DATE: 11 AUG 86
RUN NO: 1

DEPTH-BELLER: 8180.0 F
DEPTH-LOGGER: 8180.0 F
BTL. LDO INTERVAL: 8170.0 F
TOP LDO INTERVAL: 4320.0 F
CASINO-DRILLERS: 433.0 F
CASINO-LOGGERS: 432.0 F
CASINO: 9 0/8
NEIGHT: 9 0/8
STY SIZE: 8 1/2
STY DEPTH:

OTHER SERVICES:
LOT
VSP
HOT

PROGRAM:
TAPE NO:
SERIAL NO:
SERVIC NO:
DRILLER NO:
SERIES:

TYPE FLUID IN MOLE: LIGNSULFONATE
DENSITY: 18.56 LB/G
VISCOSITY: 28.0 S
PH: 9.8
FLUID LOSS: 3.8 CC
SOURCE OF SAMPLE: FLOWLINE
RSP: 2.298 CMH AT 75.0 DEG
RWP: 3.938 CMH AT 75.0 DEG
RWC: 2.298 CMH AT 76.0 DEG
SOURCE RWF/RWC: MEAS/MEAS
RW AT BHT: 1.685 CMH AT 111. DEG
RWF AT BHT: 2.164 CMH AT 111. DEG
RWC AT BHT: 2.625 CMH AT 111. DEG

TIME CIR. STOPPED: 09188 8/11
TIME LOGGER ON 3TH: 12415 8/11
MAX. REC. TEMP: 110.9 DEG
LOGGING UNIT NO: 8128
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: HARPER/KUNKLER
WITNESSED BY: SHARP

REMARKS:
CALIBRATED 1500 MG/L
BIL AND SLY RUM IN COMBINATION.
1.5 INCH STAMPOFFS USED ON BIL.
2 CHECKS USED TO CENTRALIZE SONIC.

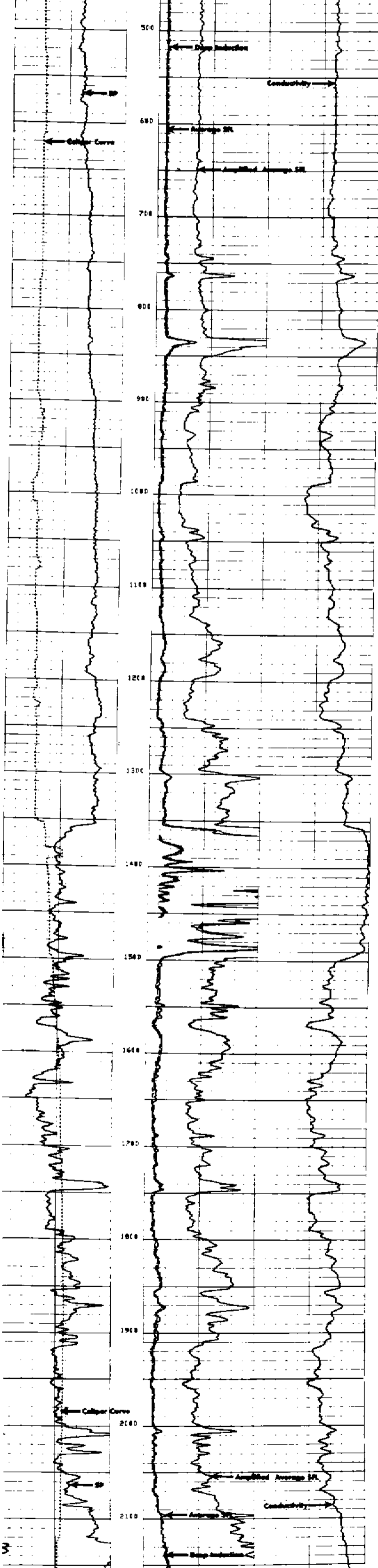
EQUIPMENT NUMBERS:
SLS 1886 SLD 1229 RCI 305 EIS 1348
DIC 1396 IEM 688 SLM 214

ALL INTERPRETATIONS ARE 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, 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 AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

CP 28.24 FILE 9 11-AUG-86 12:55
DATA ACQUIRED 11-AUG-86 12:37

CALL IN 16.000
SP 16.000
-180.0 0.0

LLS (OHMS) 30.000
SFL(OHMS) 6.000
SFL(OHMS) 30.000 1000.0



CP 28.24 FILE 9 11-AUG-86 12:51
DATA ACQUIRED 11-AUG-86 12:10

CALL IN 16.000
SP 16.000
-180.0 0.0

LLS (OHMS) 30.000
SFL(OHMS) 6.000
SFL(OHMS) 30.000 1000.0

SENSOR MEASURE POINT TO TOOL ZERO

SBOT 54.6 FEET	WPL 37.1 FEET
T11 56.1 FEET	DBL 37.1 FEET
T13 33.3 FEET	TT2 37.1 FEET
TD 37.1 FEET	TT4 36.9 FEET
SLYT 57.1 FEET	TT 37.1 FEET
CLLI 56.2 FEET	SOBL 37.1 FEET
ILM 5.8 FEET	ILB 4.4 FEET
ILM 2.5 FEET	SFL 6.4 FEET
TEMS 2.5 FEET	SPM 2.5 FEET
WDIS 2.5 FEET	

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DBTS	100.000		SPFS R-W		
BTP	189.000	US/F	BTP	56.0000	US/F
BCIN	5	US	BWEL	208	LS
BSEC	6.89000	MMH	BWCD	312	
BMS	6.49000	MMH	BPM	1.80000	MMH
BHS	OPEN		SPH	SPH1	
BD	8.6	F	IS	6.50000	IN
PP	MDPH				

TAPE NOT MADE

COMPANY: ARCO OIL AND GAS
WELL: COLUMBIA COUNTY 14-23
FIELD: MIST
COUNTY: COLUMBIA STATE: OREGON

SOB W 1174
SOB TO 1180
DRL TO 1110
BWL 80.551.7
OF
CR 651.7