

COMPANY: ARCO EXPLORATION & TECHNOLOGY COMPANY
 WELL: CRUM ZELLERBACH #41-2
 RECEIVED: 11/10/85

FIELD: MIST
 COUNTY: COLUMBIA
 STATE: OREGON
 LOCATION: S81.64°S 0 4'29"E- 771.56'
 SEC: 2
 T1P: 5N
 RGE: 5N

PERMANENT DATUM: GL
 ELEV. OF PERM. DATUM: 977.3 F
 ELEVATIONS-
 LOG MEASURED FROM: KB
 DFI: 989.3 F
 DRLG. MEASURED FROM: KB
 GL: 977.3 F

DATE: 11 NOV 85
 RUN NO: 1

DEPTH-DRILLER: 2109.0 F
 DEPTH-LOGGER: 2109.0 F
 BTH. LOG INTERVAL: 2106.0 F
 TOP LOG INTERVAL: 420.0 F
 CASING-DRILLER: 417 F
 CASING-LOGGER: 420 F
 CASING: 9 5/8
 BIT SIZE: 8 3/4

OTHER SERVICES-
 FDC/CHL/GR
 BHC
 HDT

API SERIAL NO:
 3600900174

PROGRAM
 TAPE NO:
 SERVICE
 ORDER NO:
 438377

TYPE FLUID IN HOLE: GEL POLYMER
 DENSITY: 10.2 LB/G
 VISCOSITY: 53.0 S
 PH: 9.2
 FLUID LOSS: 4.8 C3
 SOURCE OF SAMPLE: CIRC.
 RM: 3.510 OHMM AT 58.0 DEGF
 RMF: 3.230 OHMM AT 34.0 DEGF
 RMC: 3.570 OHMM AT 36.0 DEGF
 SOURCE RMF/RMC: MEAS. /MEAS.
 RM AT BHT: 1.825 OHMM AT 118. DEGF
 RMF AT BHT: 1.059 OHMM AT 118. DEGF
 RMC AT BHT: 1.228 OHMM AT 118. DEGF
 TIME CIRC. STOPPED: 2000 11/10
 TIME LOGGER ON BTM.: 2359 11/10
 MAX. REC. TEMP: 118.0 DEGF
 LOGGING UNIT NO: 8057
 LOGGING UNIT LOC: SACRAMENTO
 RECORDED BY: ANDERSEN
 WITNESSED BY: JACKSON

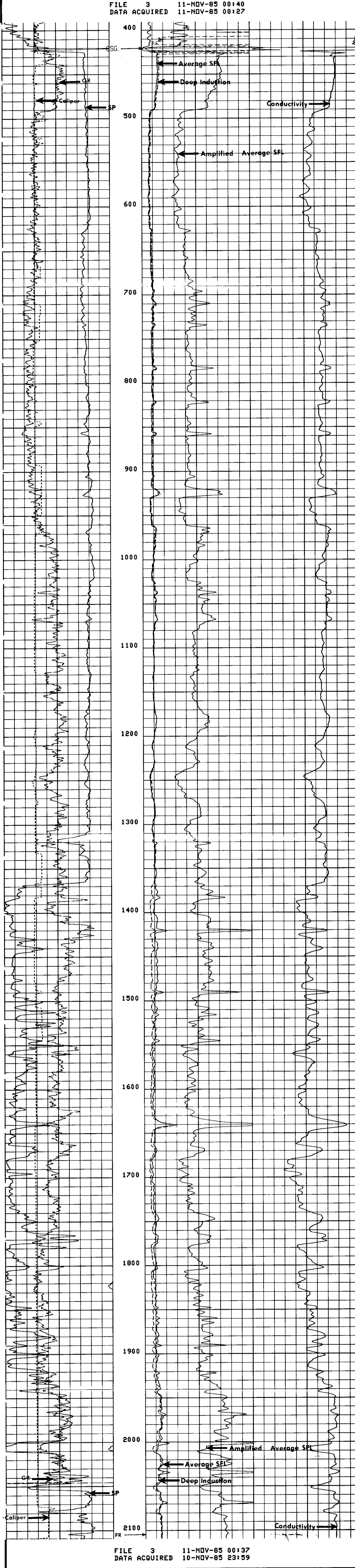
REMARKS:
 CMEZ USED
 1 1/2 STANDOFF USED

EQUIPMENT NUMBERS-
 DIS 567 DIC 552 MCD 1237 SLS 252
 SLC 1321 SGT 3206 IEM 232 SLM 128
 NLM 207

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.

FILE 3 11-NOV-85 01:17
 DATA ACQUIRED 11-NOV-85 00:27

CALI(IN.)	6.0000	16.000	ILD (OHMM)	0.0	30.000
GR (GAPI)	0.0	150.00	SFLA(OHMM)	0.0	6.0000
SP (MV)	-100.0	0.0	SFLA(OHMM)	0.0	30.000
			CILD(MMHO)	1000.0	0.0



FILE 3 11-NOV-85 00:37
 DATA ACQUIRED 10-NOV-85 23:59

CALI(IN.)	6.0000	16.000	ILD (OHMM)	0.0	30.000
GR (GAPI)	0.0	150.00	SFLA(OHMM)	0.0	6.0000
SP (MV)	-100.0	0.0	SFLA(OHMM)	0.0	30.000
			CILD(MMHO)	1000.0	0.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	43.9	FEET	AT4	39.9	FEET
TT3	40.1	FEET	TT2	43.9	FEET
TT1	42.9	FEET	SRAT	41.4	FEET
GR	64.0	FEET	CALI	31.8	FEET
ILD	9.4	FEET	SFL	6.4	FEET
ILM	5.7	FEET	SP	2.5	FEET
SPAR	2.5	FEET	TENS	2.5	FEET
NDIS	35.6	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
HSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	MSEC	6.70000	MMHO
FPHI	SPHI		BHS	OPEN	
BS	8.75000	IN	DD	0.0	F
SPDR	.0100000				
PP	NORM				

TAPE NOT MADE