CSU

COMPENSATED NEUTRON DENSITY GR F

COMPANY:	RECHNOLD ENERGY CORPORATION
WELL:	PAUL 34-32
FIELD:	MIST-NEHALEM BASIN
COUNTY:	COLUMBIA
STATE:	OREGON
NATION:	USA
LOCATION:	2 1/4 FSL & 285.00' EDF
	32 TWP 1 RGE 5W
SEC:	
DATE:	10 NOV 1982
RUN NO:	1
DEPTH-DRILLER:	2699.0 '
DEPTH-LOGGER:	2690.0 '
BTM LOG INTERVAL:	2691.0 '
TOP LOG INTERVAL:	2400.0 '
CASING-DRILLER:	492 '
CASING-LOGGER:	492 '
BIT SIZE:	8.625 "
DEPTH:	7.875
	2699 '

PERMANENT DATUM: GL
ELEVATION OF PERM. DATUM: 614.7 '
LOG MEASURED FROM: KB
DRILL MEASURED FROM: KB
ELEVATIONS-
KB: 626.1 '
DF: N/A
GL: 614.7 '

DEC 13 1983

OTHER SERVICES-	
BHC	
CSG	
CSG	
DIL	

PROGRAM	
TAPE NO:	
PE NO:	
SERVICE:	
SERVICE ORDER:	383946

TYPE FLUID IN HOLE: LIGNOSULFONATE
DENSITY: 10.2 LB/G
VISCOSITY: 60.0 S
PH: 10.0
FLUID LOSS: 5.8 C3
SOURCE OF SAMPLE: CIRC.
RM: 1.510 OHMM AT 69.0 DEGF
RMF: 2.050 OHMM AT 45.0 DEGF
RMC: 2.130 OHMM AT 46.0 DEGF
SOURCE RMF/RMC: /MEAS.
RM AT BHT: 1.159 OHMM AT 92.0 DEGF
RMF AT BHT: 1.076 OHMM AT 92.0 DEGF
RMC AT BHT: 1.140 OHMM AT 92.0 DEGF

TIME CIRC. STOPPED: 1200
TIME LOGGER ON BTM.: 1545

MAX. REC. TEMP: 92.0 DEGF

LOGGING UNIT NO: 8076
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: ANDERSEN
WITNESSED BY: ALGER

REMARKS:

EQUIPMENT NUMBERS-

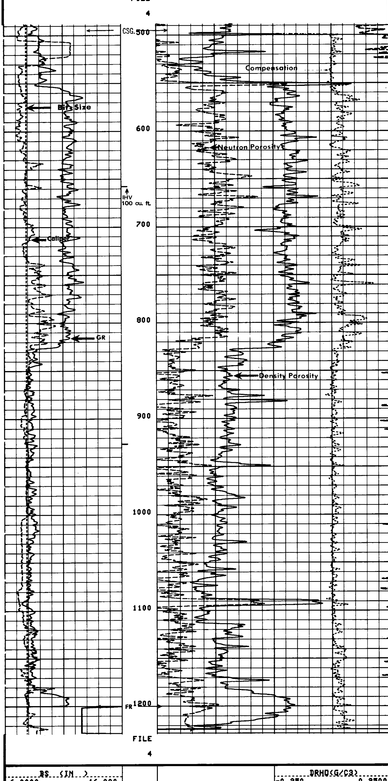
MLM 456 PGS 675 PDM 1244 SGT 581
CMC 1420

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, 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 6

BS (IN) 6.0000 – 16.0000
CALI(IN) 6.0000 – 16.0000
GR (GAPI) 0.0 – 150.00
DRHO(G/C3) -0.250 – 0.2500
NPHI( ) 0.6000 – 0.0
DPHI( ) 0.6000 – 0.0

FILE 4



FILE 4

BS (IN) 6.0000 – 16.0000
CALI(IN) 6.0000 – 16.0000
GR (GAPI) 0.0 – 150.00
DRHO(G/C3) -0.250 – 0.2500
NPHI( ) 0.6000 – 0.0
DPHI( ) 0.6000 – 0.0

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

MCML	18.1	FEET	GR	26.6	FEET
FFDC	2.0	FEET	FCNL	18.1	FEET
CALI	2.0	FEET	NFDC	2.0	FEET
NRAT	18.1	FEET	TENS	.0	FEET

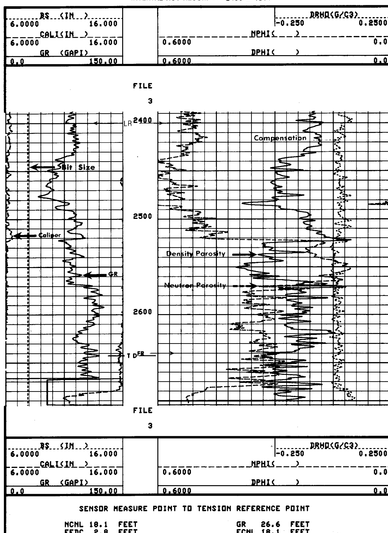
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.18200		BS	7.87500	IN
MATR	SAND		HC	CALI	
MDEN	2.65000	G/C3	FD	1.00000	G/C3
BHF	WATE		FDCC	ALLO	
BHS	OPEN		FPHI	PHIX	
DO	0.0	F			

INTERVAL NOT RECORDED: 2400 – 1200

BS (IN) 6.0000 – 16.0000
CALI(IN) 6.0000 – 16.0000
GR (GAPI) 0.0 – 150.00
DRHO(G/C3) -0.250 – 0.2500
NPHI( ) 0.6000 – 0.0
DPHI( ) 0.6000 – 0.0

FILE 3



FILE 3

BS (IN) 6.0000 – 16.0000
CALI(IN) 6.0000 – 16.0000
GR (GAPI) 0.0 – 150.00
DRHO(G/C3) -0.250 – 0.2500
NPHI( ) 0.6000 – 0.0
DPHI( ) 0.6000 – 0.0

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BHF	WATE		FDCC	ALLO	
BHS	OPEN		FPHI	PHIX	
DO	0.0	F			

COMPANY	RECHNOLD ENERGY CORPORATION	SCHL FR	2690.0'
WELL	PAUL 34-32	SCHL TD	2692.0'
FIELD	MIST-NEHALEM BASIN	DRLR TD	2699.0'
COUNTY	COLUMBIA STATE OREGON	Elev: KB	626.1'
		DF	N/A
		GL	614.7'