Schlumberger

TEMPERATURE - GAMMA RAY LOG

COUNTY	BREVARD		
FIELD	MELBOURNE		
LOCATION			
WELL	D. B. LEE		
COMPANY	HYDRO DESIGN		

COMPANY HYDRO DESIGN
WELL D. B. LEE
FIELD MELBOURNE
COUNTY BREVARD **STATE** FLORIDA

LOCATION				Other Services: GR HRT
API SERIAL NO.	SECT.	TWP.	RANGE	

Permanent Datum	PAD LEVEL	Elev.		Elev.: K.B.
Log Measured From	PAD LEVEL		above Perm. Datum	D.F.
Drilling Measured From	PAD LEVEL			G.L.

Date	15-MAY-89			
Run No.	3			
Depth Driller	2500.0 F			
Depth Logger (Schl.)	2165.0 F			
Btm. Log Interval	2165.0 F			
Top Log Interval	80.0 F			
Casing-Driller	24 @2000.0 F	@	@	
Casing-Logger	1997.0 F			
Bit Size	24			
Type Fluid In Hole	WATER			
Dens. | Visc.	8.30 LB/G			
pH | Fld. Loss				
Source of Sample	NONE			
Rm @ Meas. Temp.	@		@	
Rmf @ Meas. Temp.	@		@	
Rmc @ Meas. Temp.	@		@	
Source: Rmf | Rmc	MEASURE	MEASURE		
Rm @ BHT	@		@	
TIME Circulation Ended				
TIME Logger on Bottom	2146			
Max. Rec. Temp.				
Equip. | Location	8193	FT MYERS		
Recorded By	BUCHEL			
Witnessed By	MEHAN			

The well name, location and borehole reference data 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, 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 interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Run No.	3	
Service Order No.		
Drilling Fluid Level	0.0 F	
Salinity		
Rmf @ BHT	@	@
Rmc @ BHT	@	@
Logging Speed	2000.0 F/HR	
EQUIPMENT DATA		
Tool Number 1	ATTB 924	
Tool Number 2	ATM 303	
Tool Number 3		
Tool Number 4		
Tool Number 5		
Tool Number 6		
Tool Number 7		
Tool Number 8		
Tool Number 9		
Tool Number 10		
Tool Number 11		
Tool Number 12		

REMARKS:

TRACER LOGGED 13-MAY-89

THANK YOU FOR USING SCHLUMBERGER!!!

REMARKS:

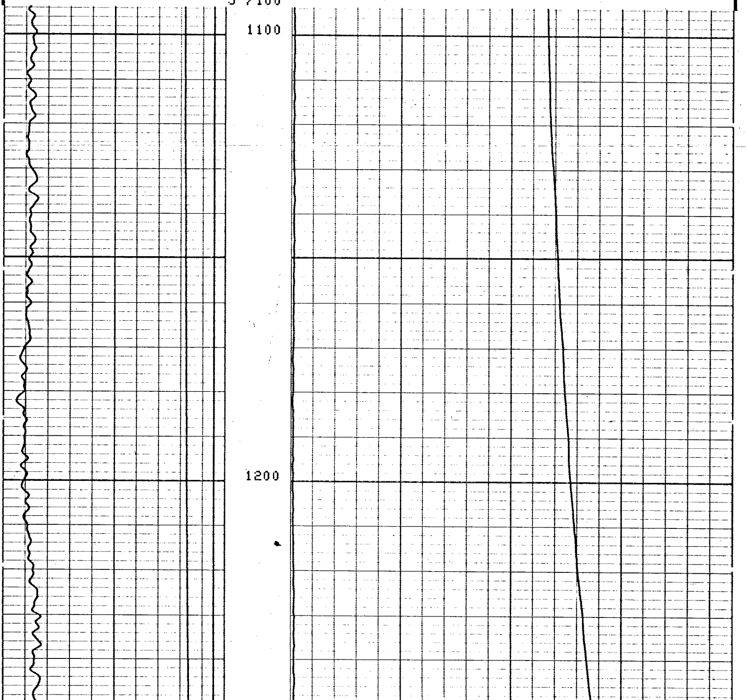
TRACER LOGGED 13-MAY-89
PUMPED IN APPROX. 2400GALS
SURFACE PRESSURE APPROX. 10.5 PSIS
THANK YOU FOR USING SCHLUMBERGER!!!

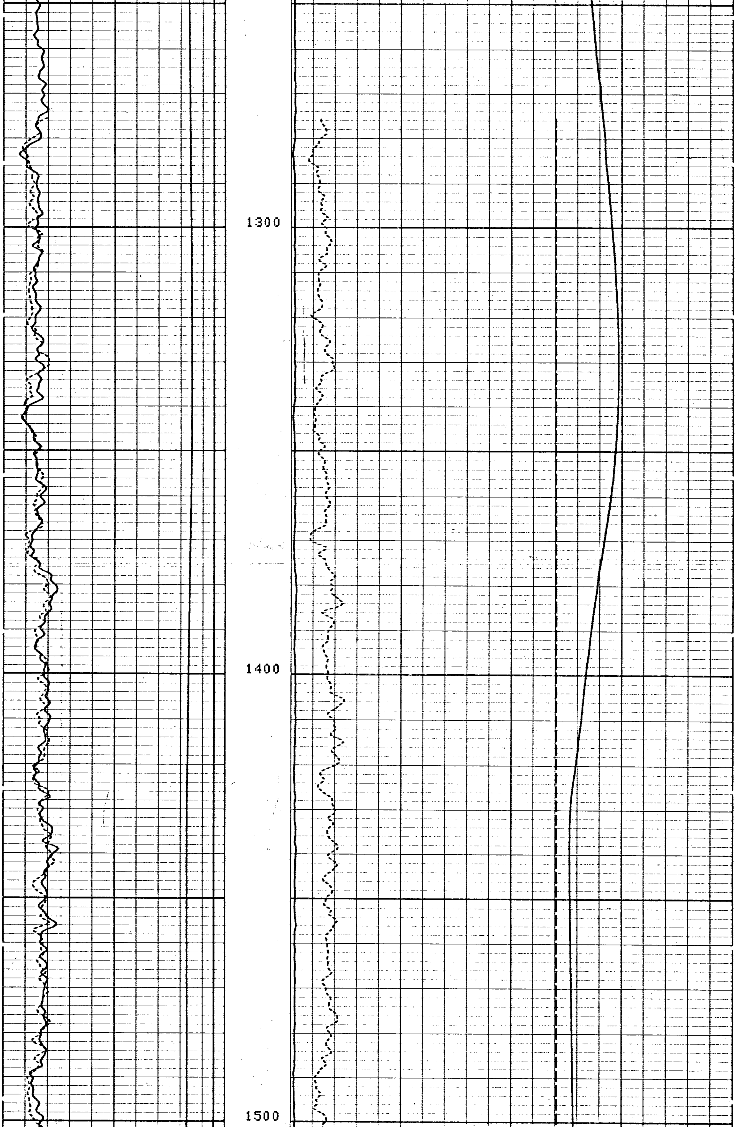
DATA ACQUIRED LOGGING UP

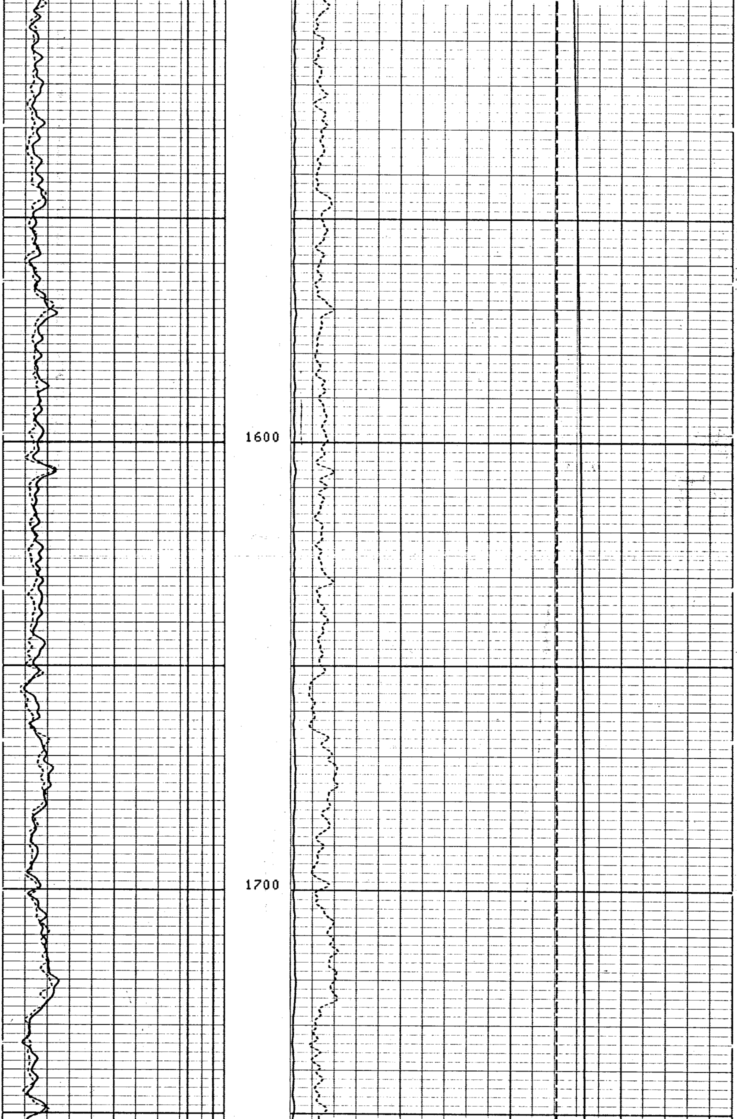
Curve	Left	Right	Curve	Left	Right
TEMP(DEGF)	0.0	100.00	TEMP[6](DEGF)	70.000	90.000
GR[6](GAPI)	0.0	100.00	GRSG[6](GAPI)	0.0	200.00
CCL	-19.00	1.0000	TEMP(DEGF)	70.000	90.000
GR (GAPI)	0.0	100.00	GR (GAPI)	0.0	2000.0

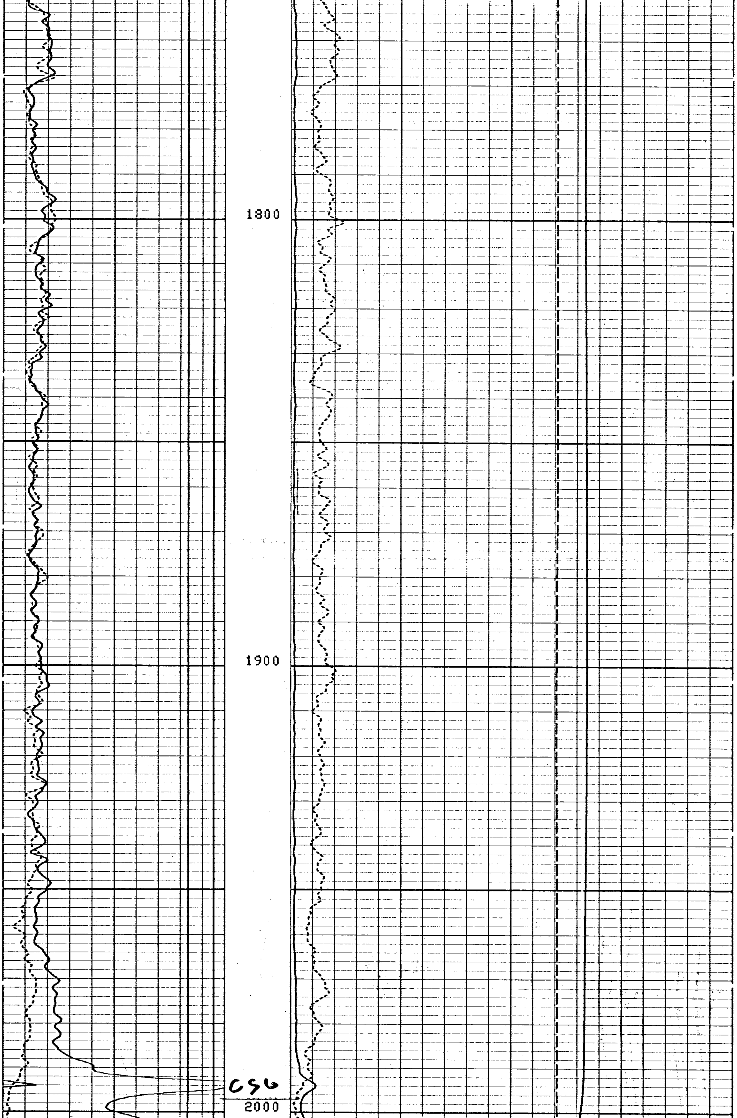
CP 30.4 FILE 9 15-MAY-89 22:55

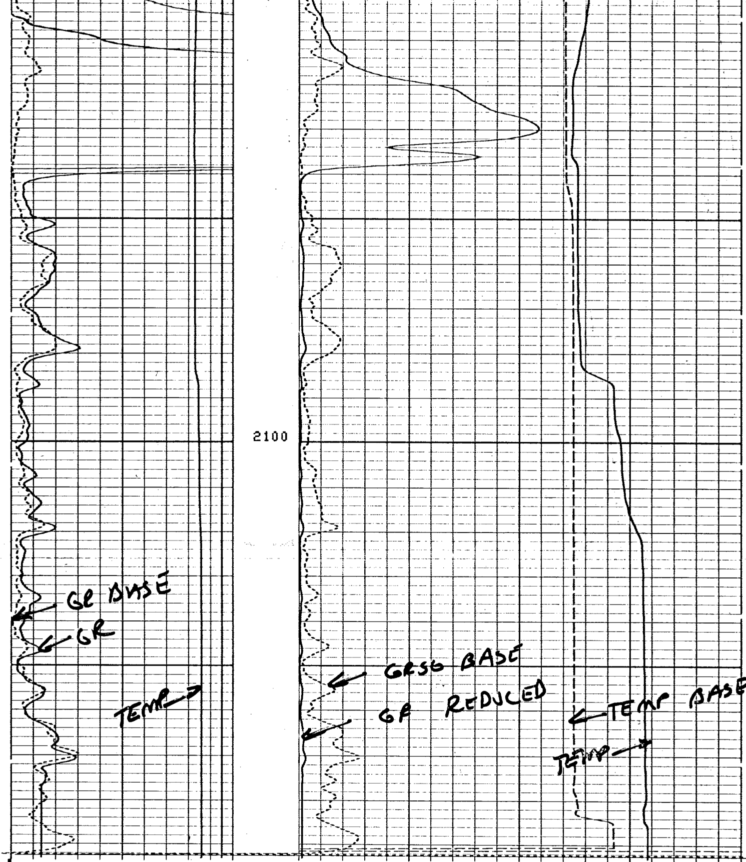
5"/100'











5"/100'

CP 30.4 FILE 9 15-MAY-89 22:22

Curve	Left	Right
TEMP(DEGF)	0.0	100.00
GR[6](GAPI)	0.0	100.00
CCL	-19.00	1.0000
GR (GAPI)	0.0	100.00

Curve	Left	Right
TEMP[6](DEGF)	70.000	90.000
GRSG[6](GAPI)	0.0	200.00
TEMP(DEGF)	70.000	90.000
GR (GAPI)	0.0	2000.0

SENSOR MEASURE POINT TO TOOL ZERO

EXP1	0.0	FEET	GR	10.3	FEET
EXP3	0.0	FEET	EXP2	0.0	FEET
TENS	-5.0	FEET	EXT	0.0	FEET
CCL	19.2	FEET	CVEL	0.0	FEET
MP	1.1	FEET	TEMP	2.5	FEET
DTEM	2.5	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
BS	8.00000	IN	BHS	CASE	
QIOP	FLOW		TCSH	0.0	IN
VPCF	.830000		FDSH	0.0	G/C3
NTHR	-10.0000	F/MN	TIRA	.500000	
FCHD	CSID		PTHR	10.0000	F/MN
SGSN	0000A-00011		CDAT		
WMUD	8.30000	LB/G			

REMARKS:

TRACER LOGGED 13-MAY-89
PUMPED IN APPROX. 2400GALS
SURFACE PRESSURE APPROX. 10.5 PSIS
THANK YOU FOR USING SCHLUMBERGER!!!

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PP	NORM		DO	0.0	F
WMUD	8.30000	LB/G	SGSN	0000A-00011	
CDAT			FCHD	CSID	
PTHR	10.0000	F/MN	NTHR	-10.0000	F/MN
TIRA	.500000		VPCF	.830000	
FDSH	0.0	G/C3	QIOP	FLOW	
TCSH	0.0	IN	BS	8.00000	IN
BHS	CASE				

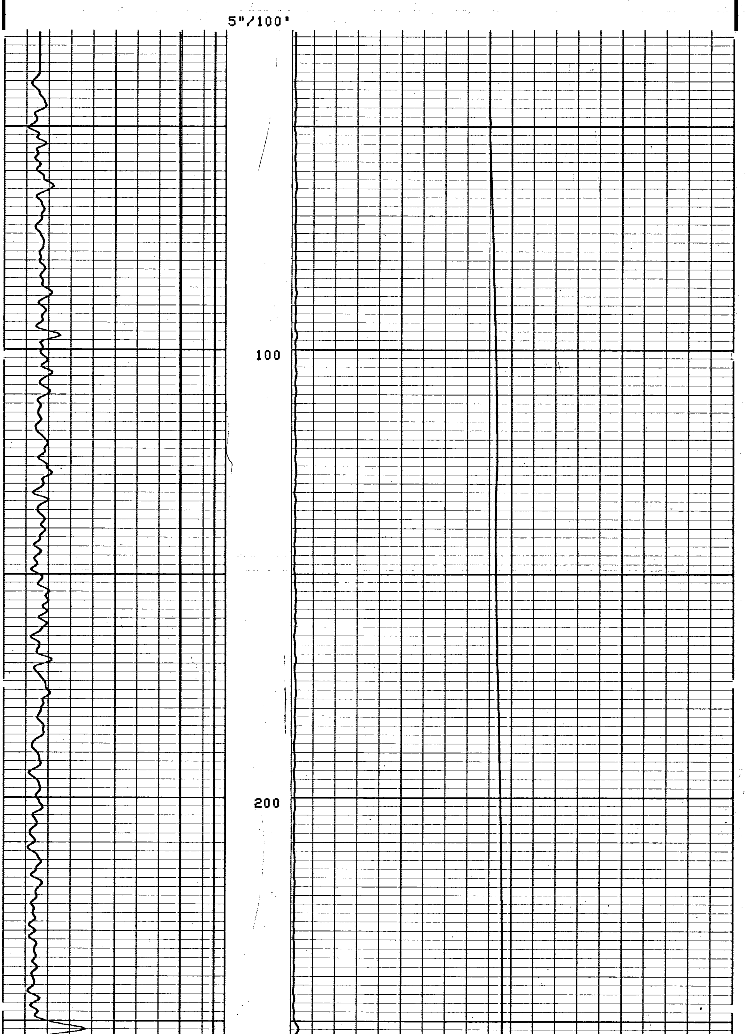
DATA NOT RECORDED

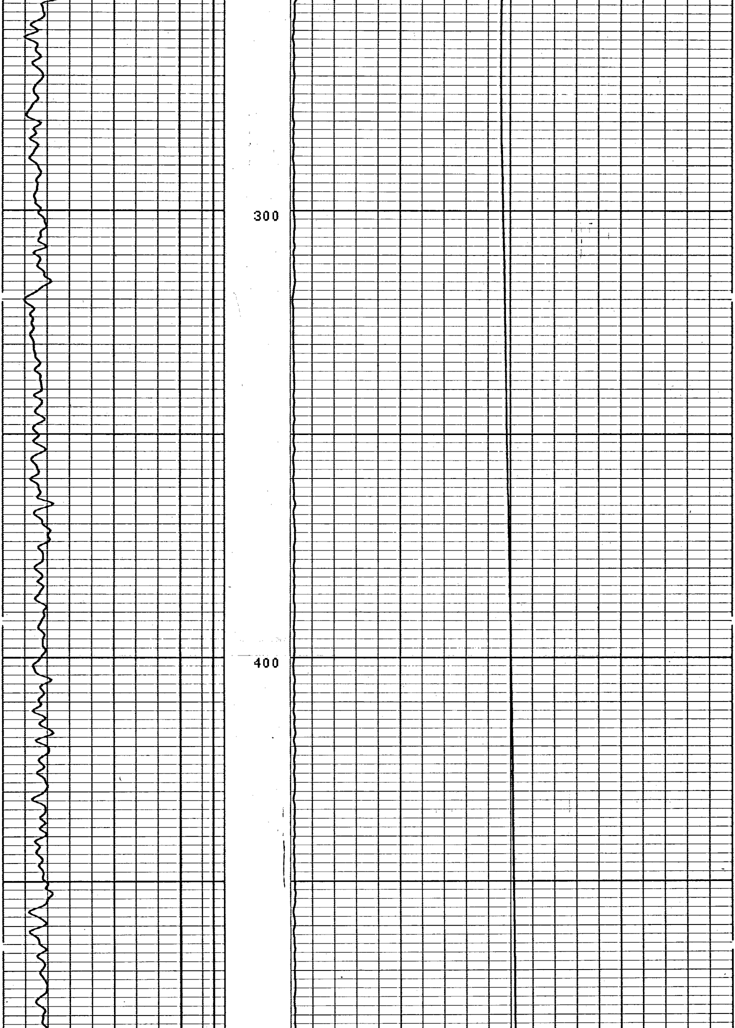
SENSOR MEASURE POINT TO TOOL ZERO

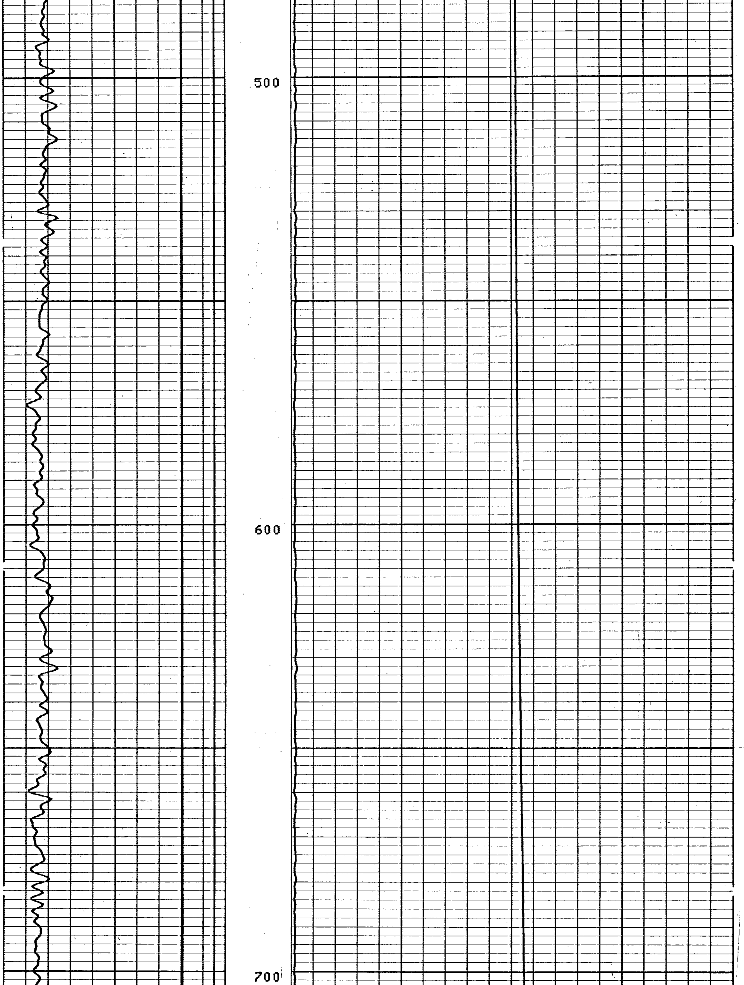
DTEM	2.5	FEET	MP	1.1	FEET
TEMP	2.5	FEET	CCL	19.2	FEET
CVEL	0.0	FEET	TENS	19.2	FEET
EXT	0.0	FEET	EXP3	0.0	FEET
EXP2	0.0	FEET	EXP1	0.0	FEET
GR	10.3	FEET			

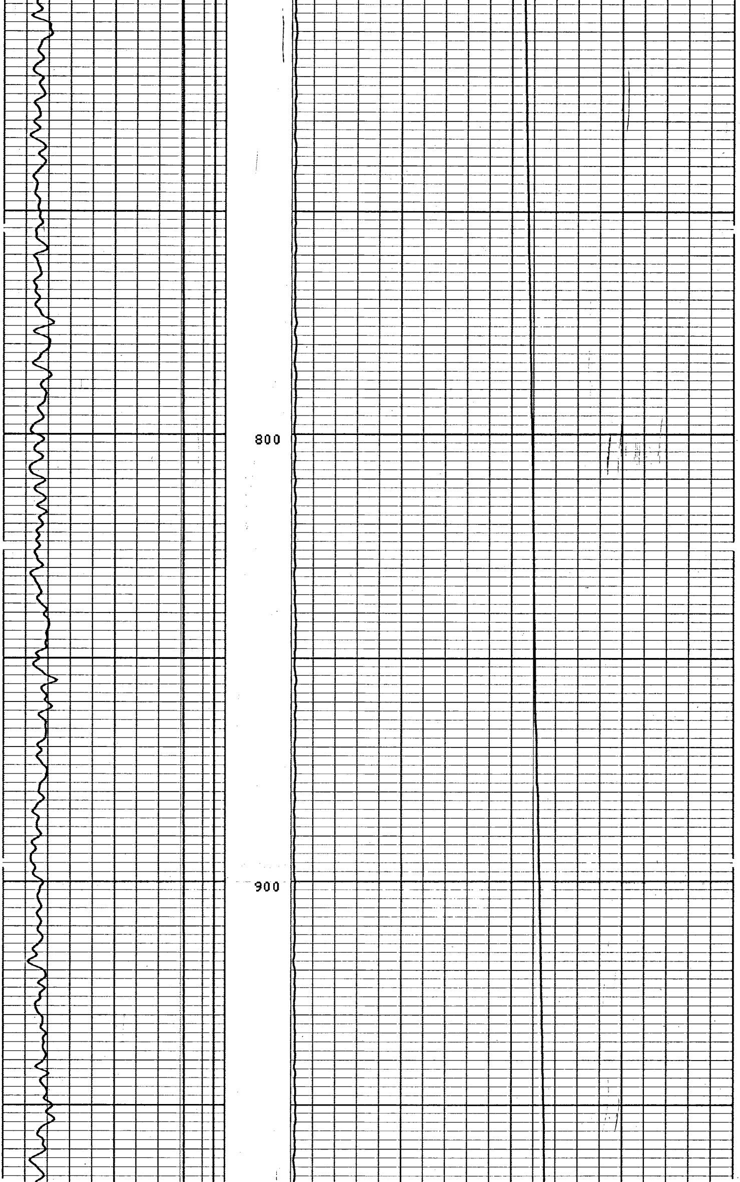
Left		Curve	Right		Curve
0.0	100.00	GR (GAPI)	0.0	2000.0	GR (GAPI)
-19.00	1.0000	CCL	70.000	90.000	TEMP(DEGF)
0.0	100.00	GR[6](GAPI)	0.0	200.00	GRSG[6](GAPI)
0.0	100.00	TEMP(DEGF)	70.000	90.000	TEMP[6](DEGF)

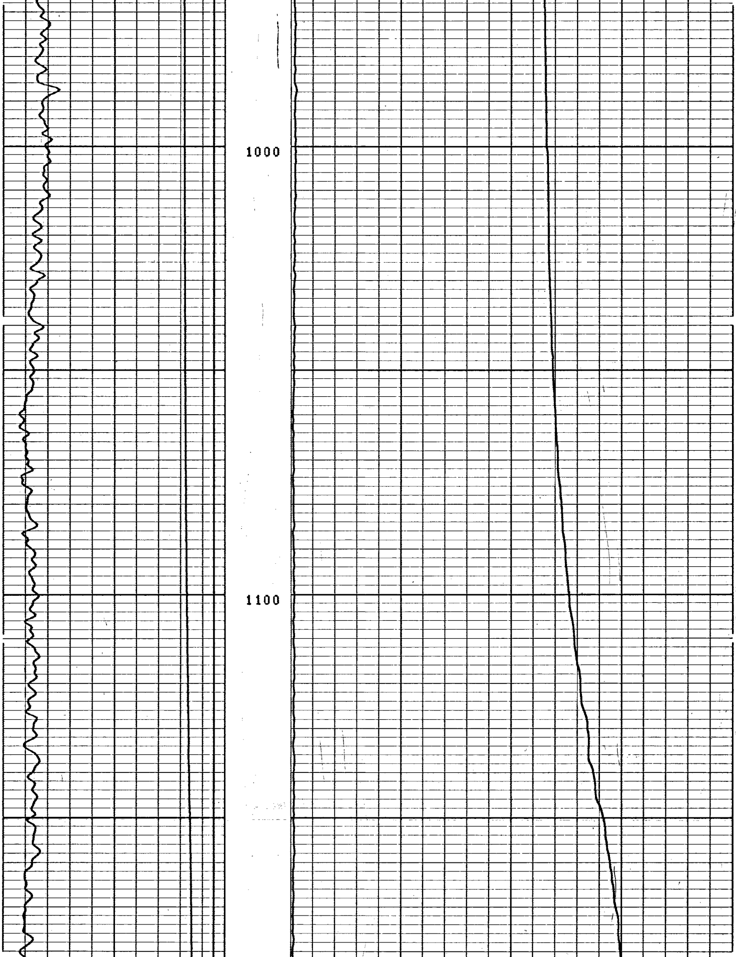
INPUT FILES		DATA ACQUIRED
4		15-MAY-89 20:47
CP 30.4	FILE 7	15-MAY-89 21:40

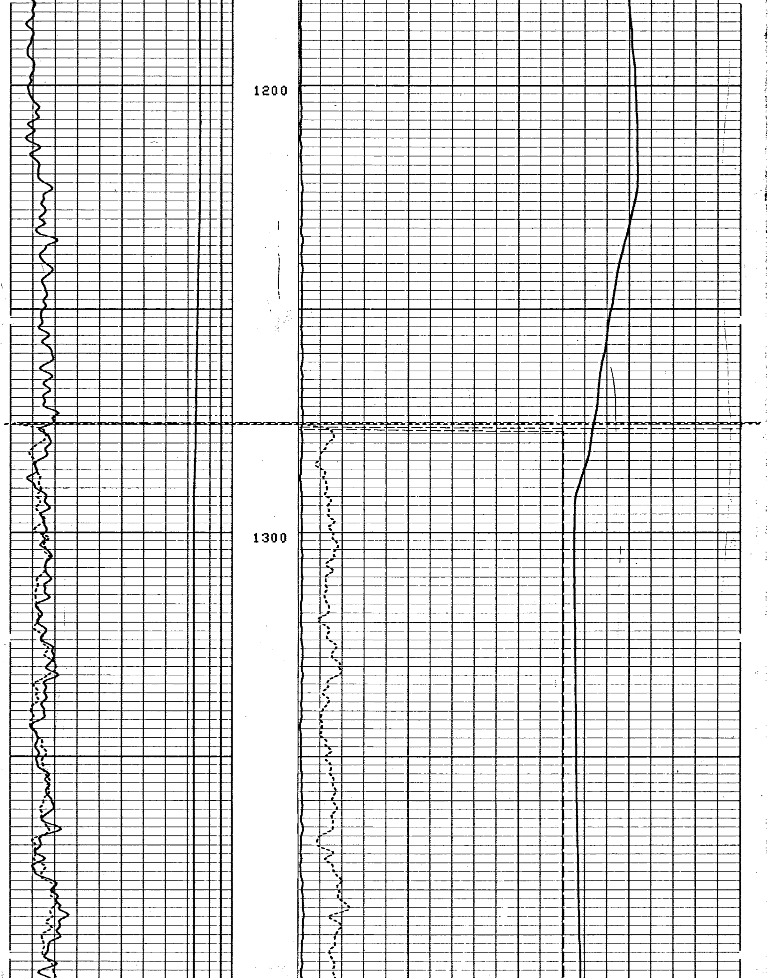


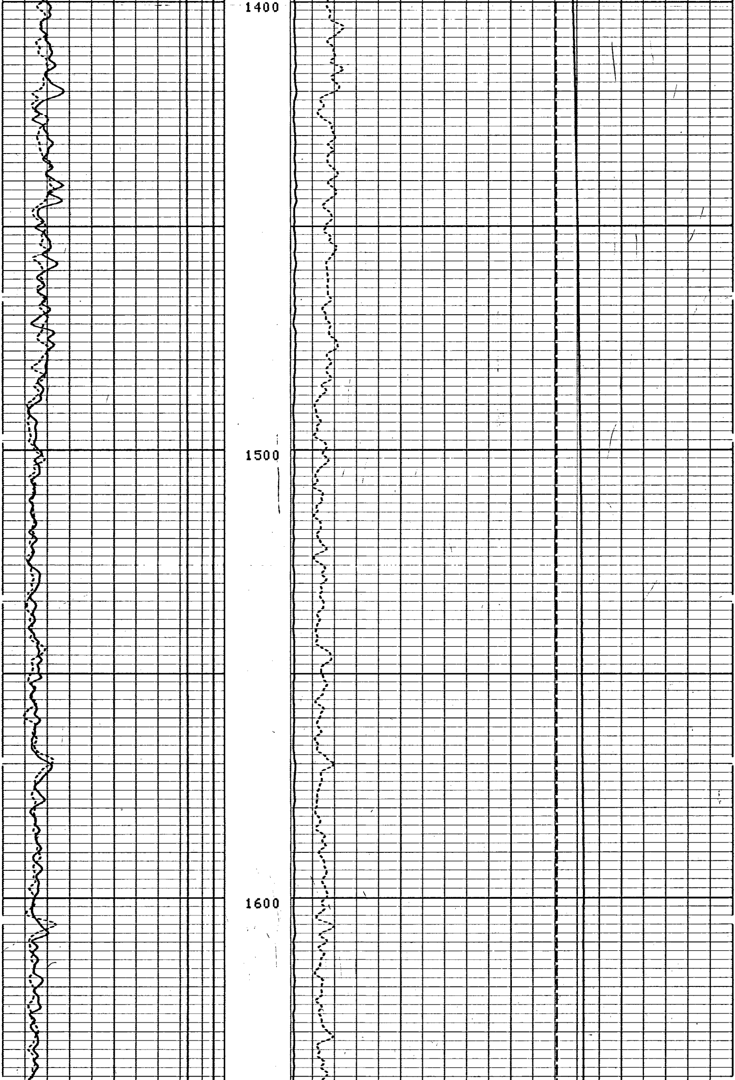


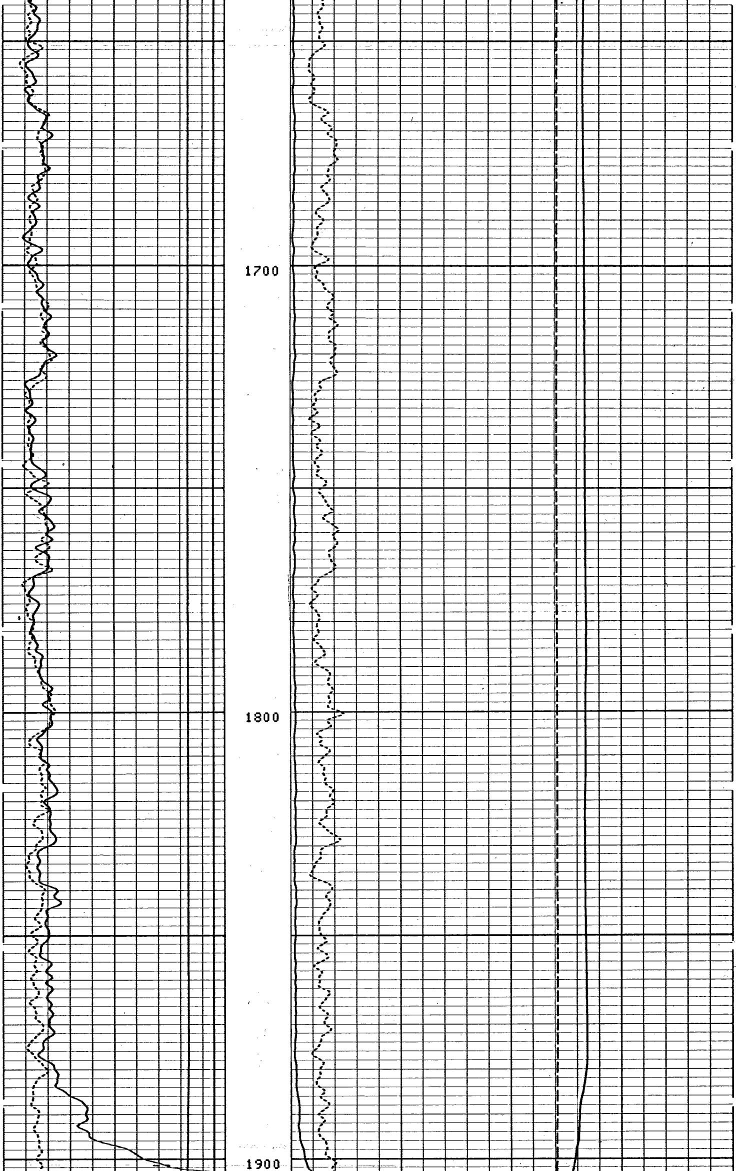


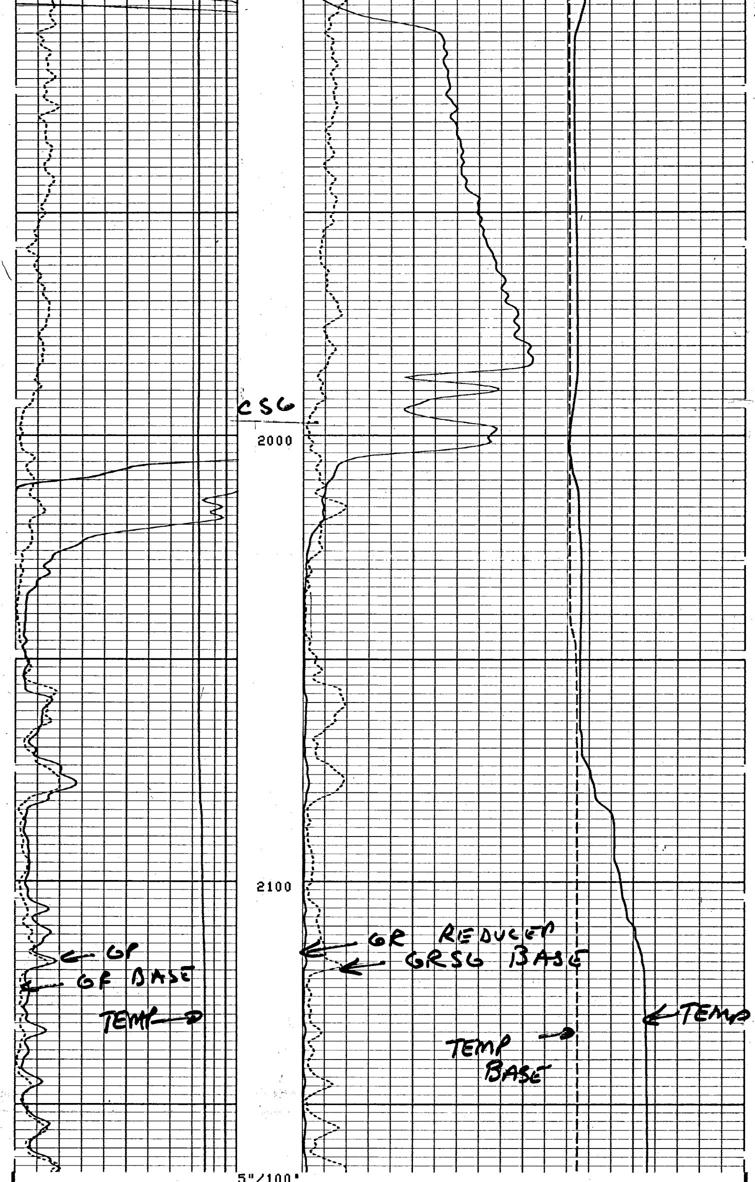












INPUT FILES
4

DATA ACQUIRED
15-MAY-89 21:30

CP 30.4 FILE 7 15-MAY-89 21:46

0.0	100.00		0.0	2000.0
GR (GAPI)			GR (GAPI)	
-19.00	1.0000		70.000	90.000
CCL			TEMP(DEGF)	
0.0	100.00		0.0	200.00
GR[6](GAPI)			GRSG[6](GAPI)	
0.0	100.00		70.000	90.000
TEMP(DEGF)			TEMP[6](DEGF)	

DATA ACQUIRED LOGGING DOWN

COMPANY	HYDRO DESIGN			**SCHL. FR**	**2165.0 F**
				SCHL. TD	**2165.0 F**
WELL	D. B. LEE			**DRLR. TD**	**2500.0 F**
FIELD	MELBOURNE			**Elev: KB**	
				DF	
COUNTY	BREVARD	**STATE**	FLORIDA	**GL**	

Schlumberger

TEMPERATURE - GAMMA RAY LOG