



5201 Woodmere Drive, Bakersfield, CA 93313-- www.welenco.com--(800) 445-9914
 California Contractor's License No. 722373

ELECTRIC - GAMMA RAY - TEMPERATURE LOG

FILING NO.	COMPANY <u>Bradley & Sons Drilling</u>		
	WELL <u>PEC MW-1</u>		
	FIELD <u>Firebaugh</u>		
	STATE <u>California</u>	COUNTY <u>Fresno</u>	
	LOCATION: <u>Panoche Road</u>		OTHER SERVICES: <u>None</u>
JOB NO. 6607	SEC: <u>5</u> TWP: <u>15S</u> RGE: <u>13E</u> LAT.: <u>36° 39' 5.4"</u> LONG.: <u>120° 35' 9.4"</u> MERIDIAN.: <u>Mt. Diablo</u>		

Permanent Datum: Ground Level, Elev. 300 Ft. Elev.: K.B. _____ Ft.
 Log Measured From: Ground Level, 0 Ft. Above Perm. Datum D.F. _____ Ft.
 Drilling Measured From: Ground Level G.L. 300 Ft.

Run No.	One						
Date	Oct. 11, 2006						
Depth-Driller	1500	Ft		Ft		Ft	Ft
Depth-Logger	1500	Ft		Ft		Ft	Ft
Top Logged Interval	10	Ft		Ft		Ft	Ft
Btm. Logged Interval	1500	Ft		Ft		Ft	Ft
Casing-Driller	n/a	In @	Ft	In @	Ft	In @	Ft
Casing-Logger	n/a	In @	Ft	In @	Ft	In @	Ft
Bit Size	8	In		In		In	In
Time On Bottom	11:07						
Type Fluid In Hole	Bentonite						
Density	Viscosity						
pH	Fluid Loss						
	n/a	n/a	ml		ml		ml
Source of Sample	Pit						
Rm @ Measured Temp.	23	@	69 °F	@	°F	@	°F
Rmf @ Measured Temp.	21.6	@	75 °F	@	°F	@	°F
Rmc @ Measured Temp.	n/a	@	°F	@	°F	@	°F
Source Rmf	Meas						
Rm @ BHT	n/a	@	°F	@	°F	@	°F
Time Since Circulation	4 hr		Hr		Hr		Hr
Max. Rec. Temp.	86		°F		°F		°F
Van No.	L-18	Location	Sns				
Recorded By	M. Sharpless						
Witnessed By	Moore						

Miscellaneous Information

Latitude, Longitude & Elevation values were determined using a Garmin eTrex

Accuracy is within 14 feet

Drilled By: Bradley & Sons

SP Calculations For Water Quality

LOG DEPTHS	S.P.	Rwe	Rw RANGE		E.C. RANGE		TDS RANGE	
			Ohmeters2/M		MSiemens		ppm	
			NaCl	NaHCo3	NaCl	NaHCo3	NaCl	NaHCo3
170 to 280 Feet	-30	8.1	10.7	12.6	935	794	495	769
300 to 450 Feet	-20	11.3	16.2	19.1	617	524	327	526
505 to 660 Feet	-19	11.6	16.7	19.6	599	510	317	500
785 to 950 Feet	-35	6.9	8.8	10.4	1136	962	602	1000
955 to 1035 Feet	-20	11.3	16.2	19.1	617	524	327	526
10901275 to -30 Feet	-30	8.1	10.7	12.6	935	794	495	769
1295 to 1360 Feet	-50	4.2	4.8	5.6	2083	1786	1104	1667
1380 to 1470 Feet	-40	5.9	7.3	8.6	1370	1163	726	1111

Class I (Excellent to Good)

Less than 700 ppm

Class II (Good to Injurious)

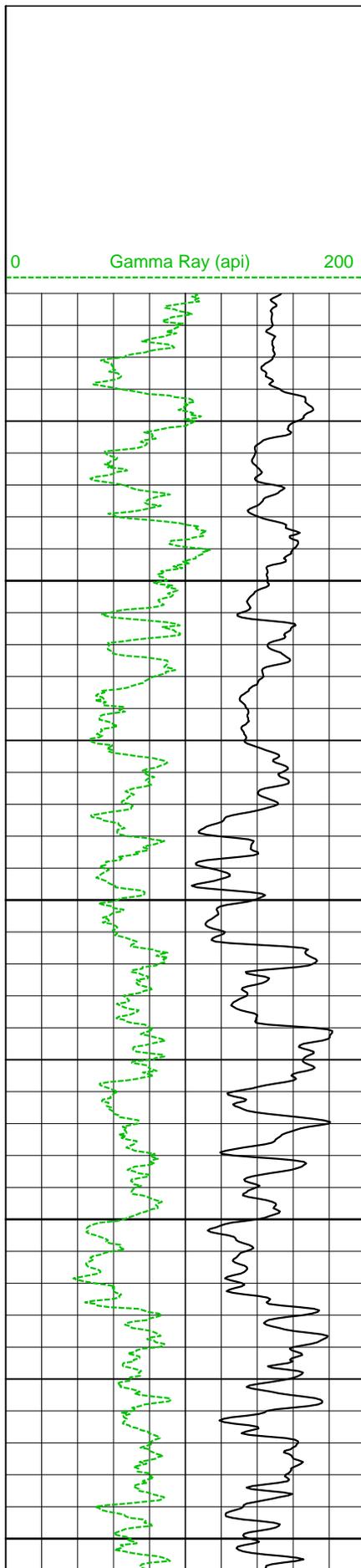
700-2000 ppm

Class III (Injurious to Poor)

More than 2000 ppm

NOTICE

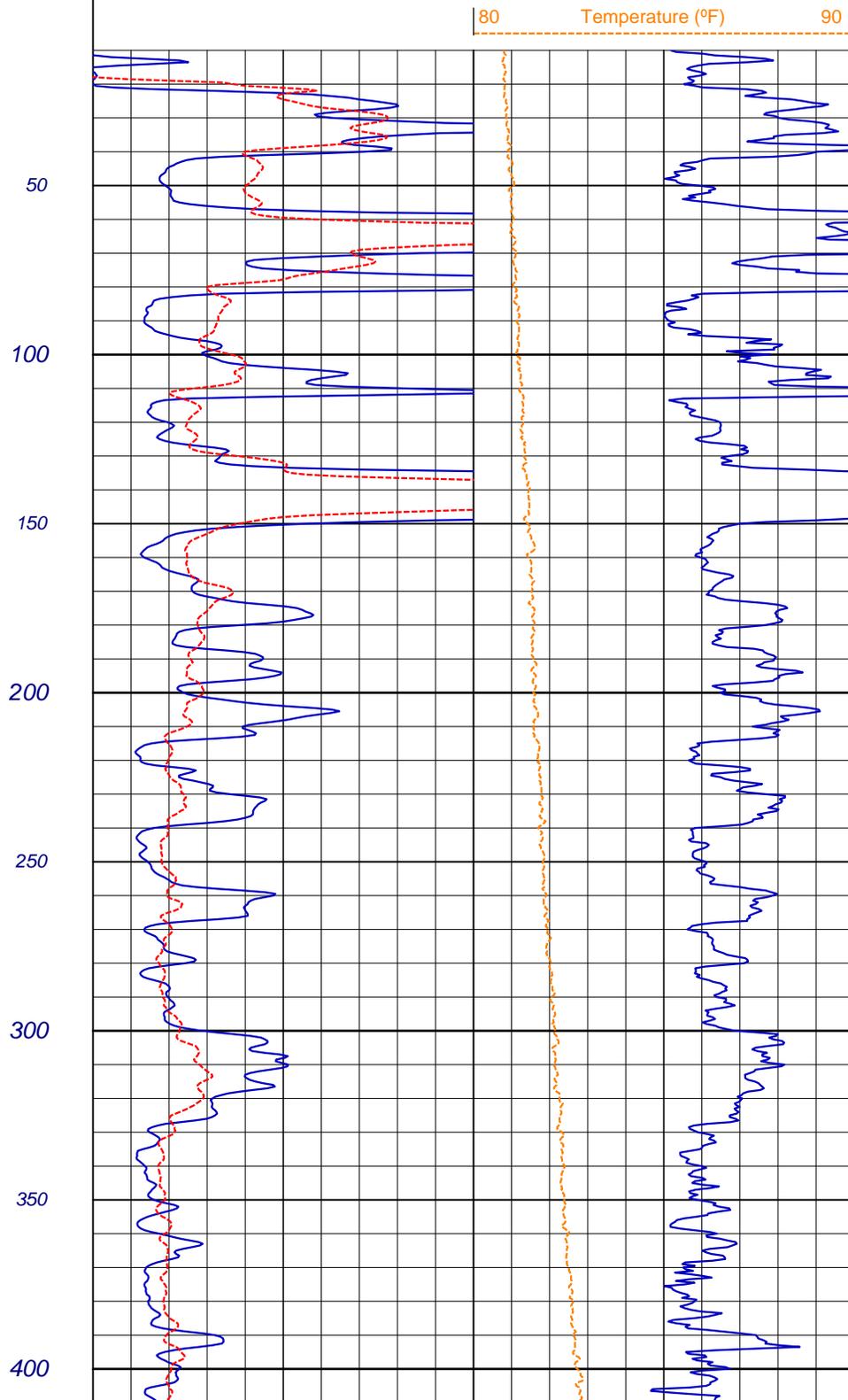
All interpretations are opinions based on inferences from electrical and other measurements and we do not guarantee the accuracy or correctness of any verbal or written interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one 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.
welenco, inc. October 11, 2006



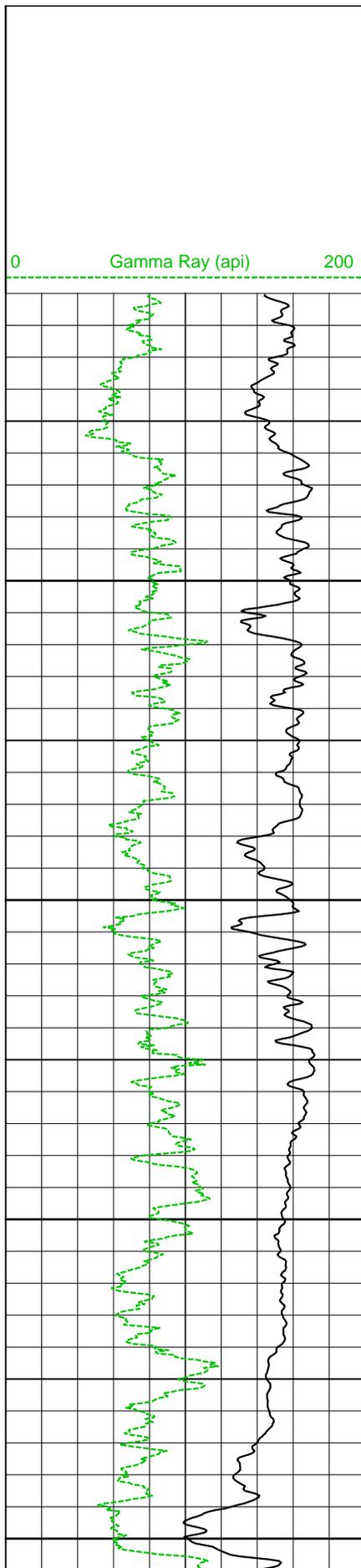
DEPTHS

2 in/100ft

ELECTRIC - GAMMA RAY - TEMPERATURE LOG



80 Temperature (°F) 90



DEPTHS

2 in/100ft

0 Gamma Ray (api) 200

ELECTRIC - GAMMA RAY - TEMPERATURE LOG

450

500

550

600

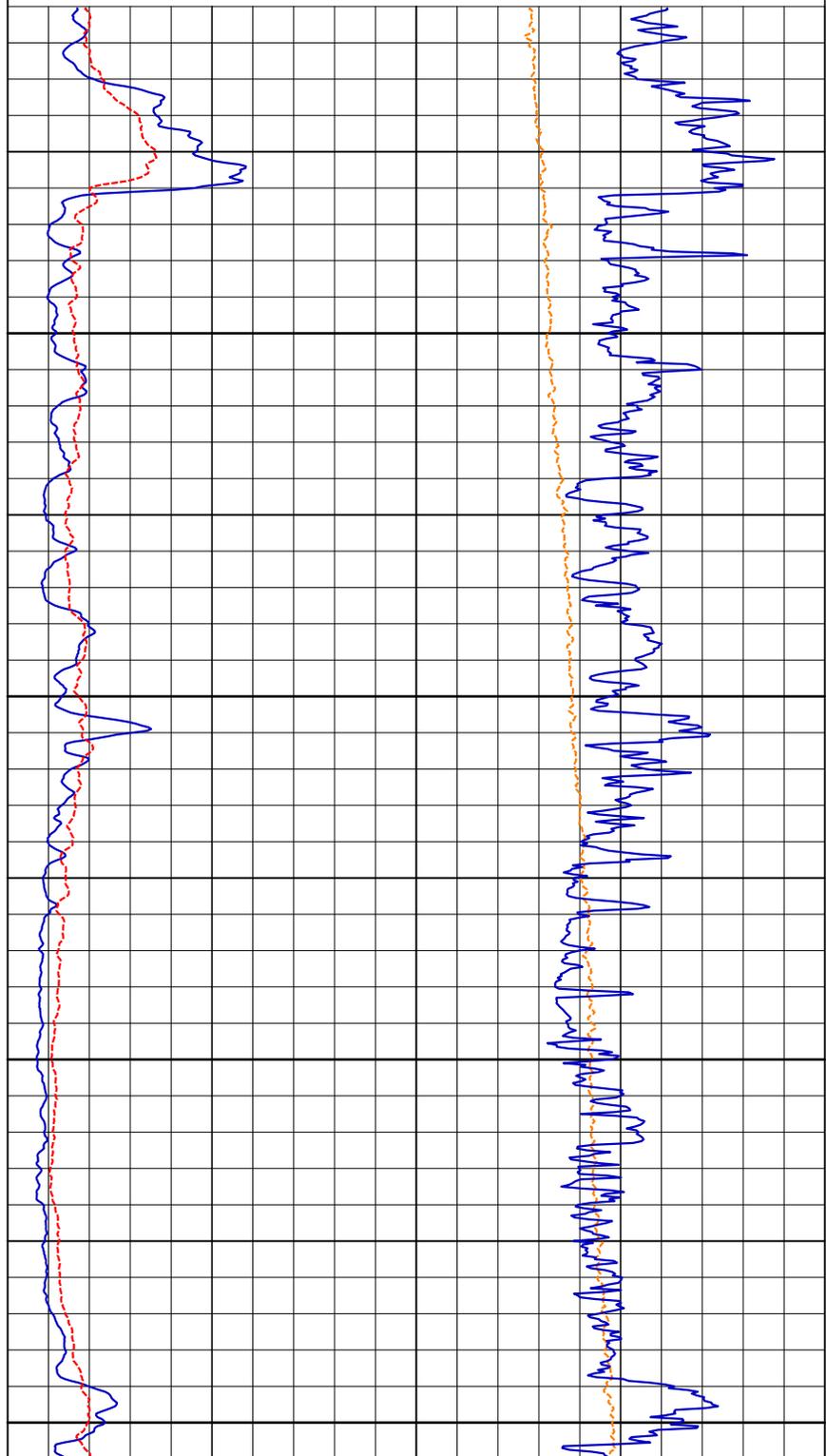
650

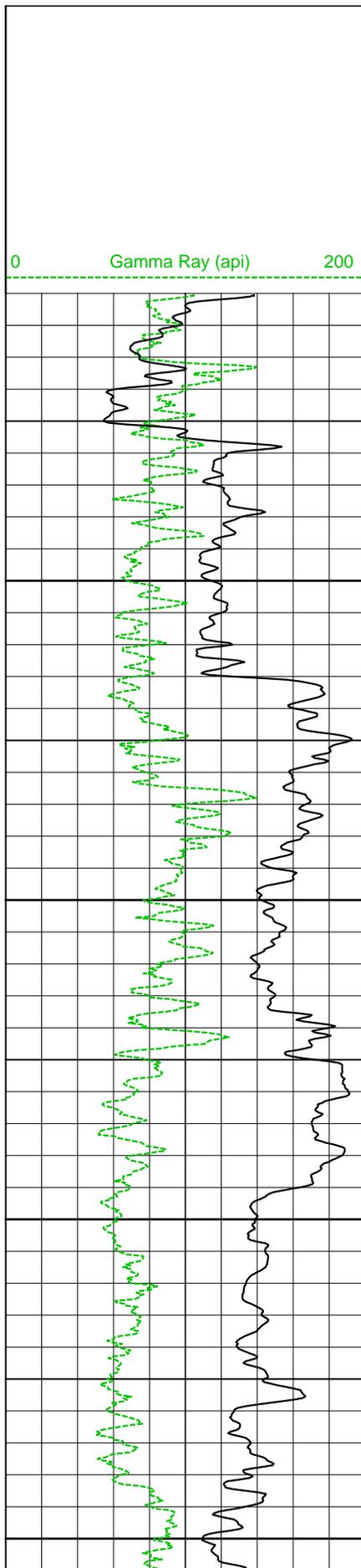
700

750

800

80 Temperature (°F) 90

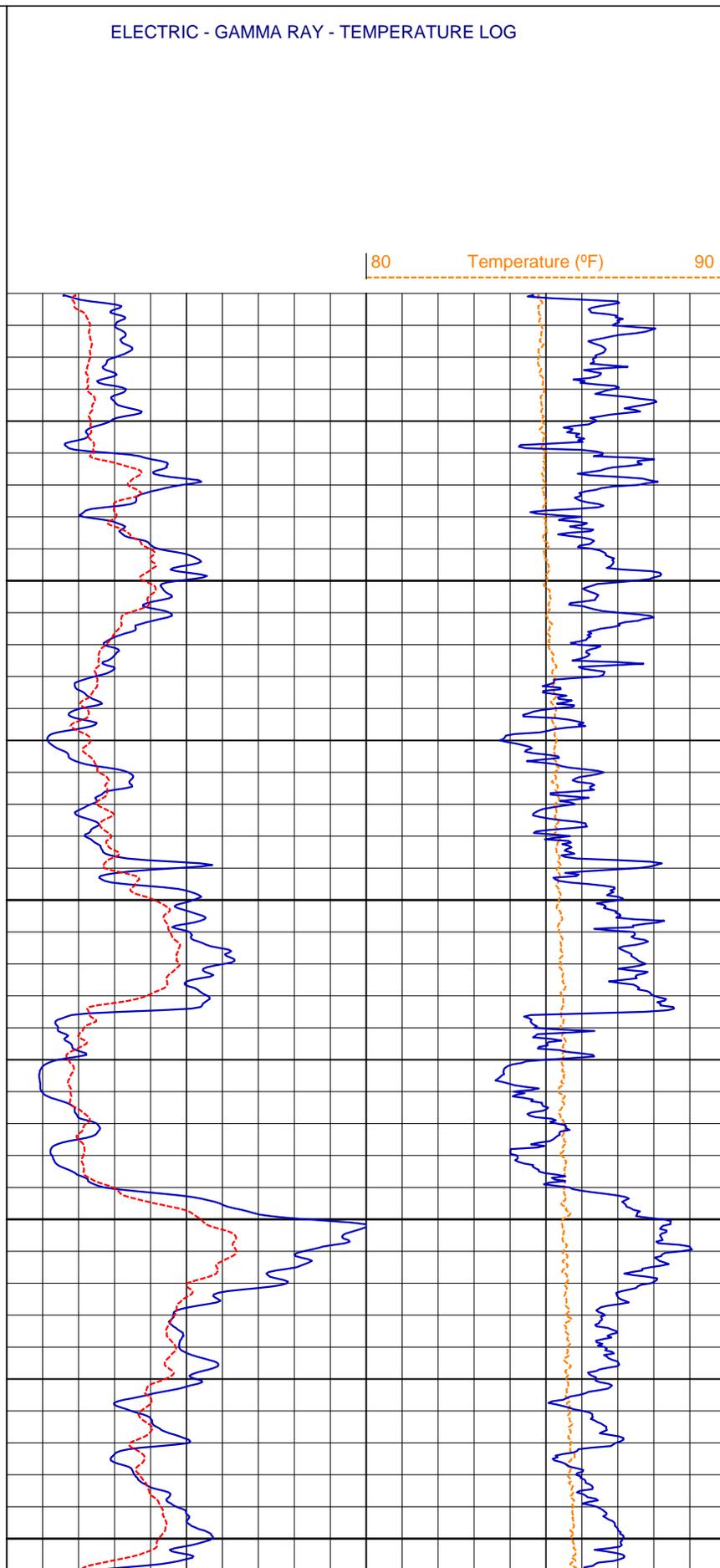


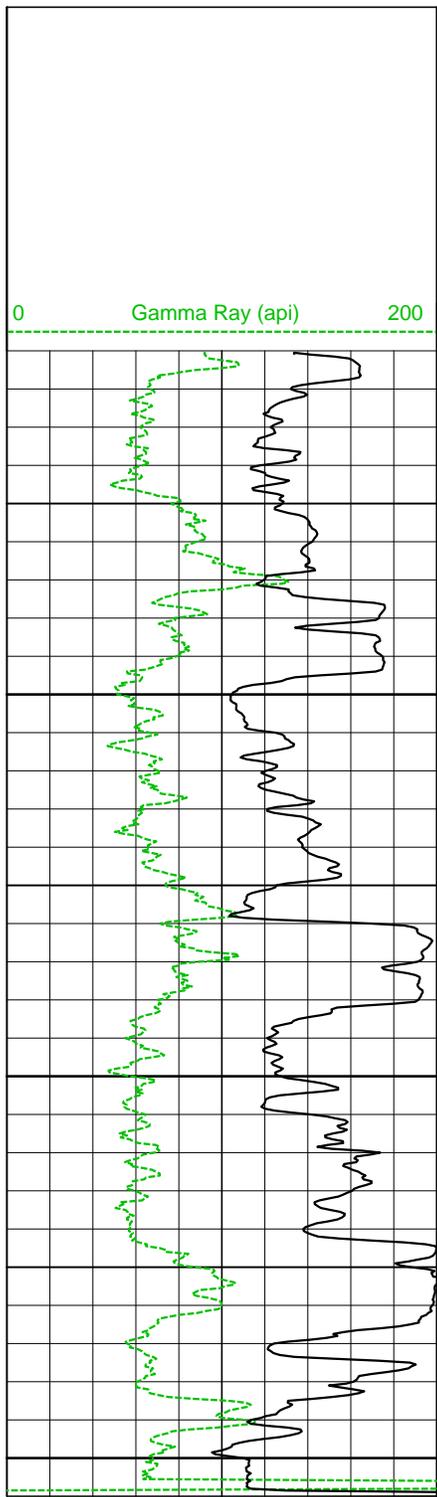


DEPTHS

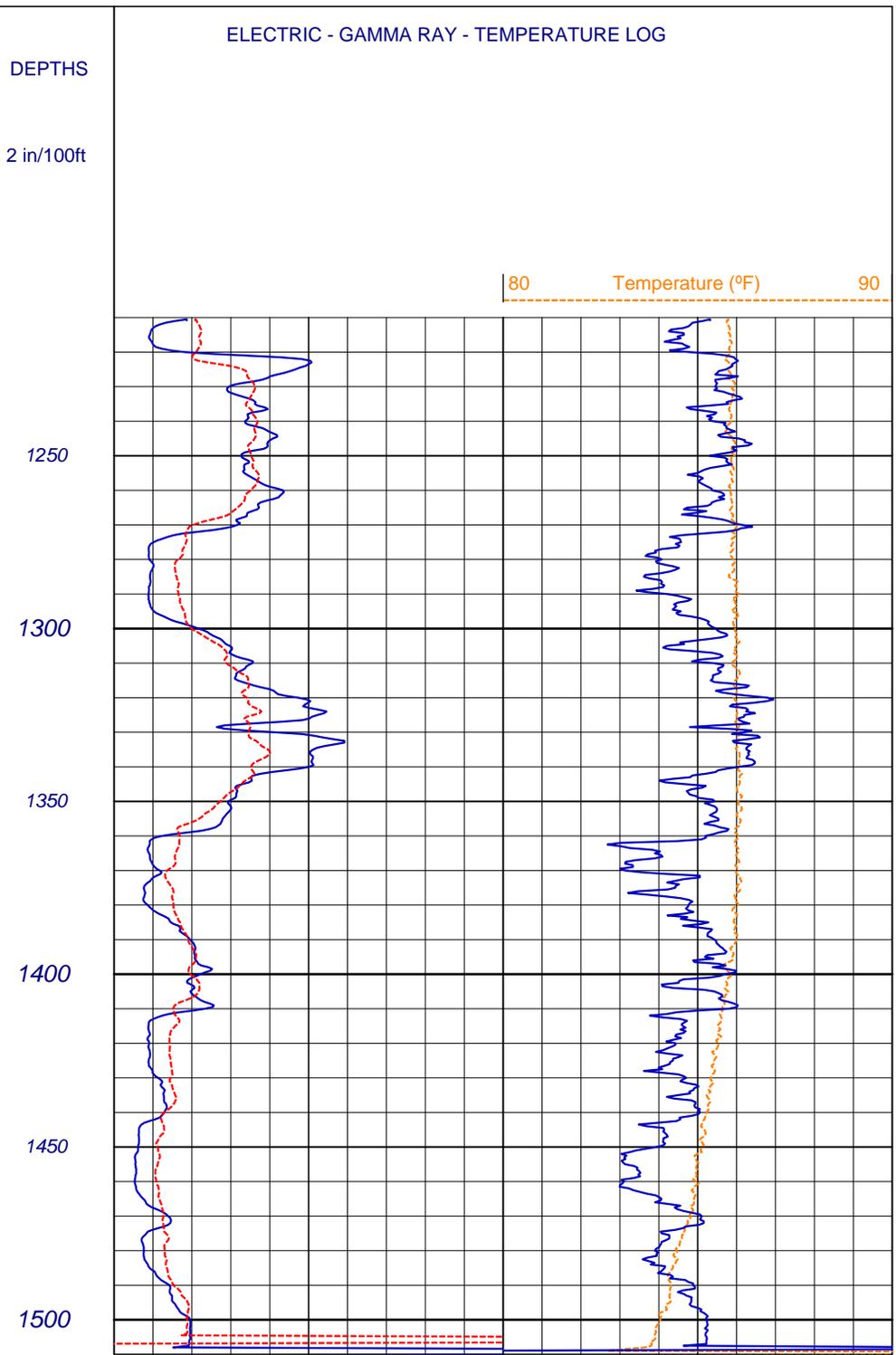
2 in/100ft

ELECTRIC - GAMMA RAY - TEMPERATURE LOG





Log Page No. 4 of 4 Pages



Page Length: 1210 - 1510 Feet (300 Feet)

Time: 01:20:21 PM

Date: Oct 11, 2006