

**Geophysical Logs for SE-UFA-WELL 1, Frostproof  
Well Field, Polk County, Florida**

<b>Log</b>	<b>Date</b>	<b>Depths</b>	
		<b>Bottom</b>	<b>Top</b>
Gamma Ray, XY Caliper	11/05/2008	0996	0195
Dynamic Temperature, Fluid Resistivity	11/05/2008	0996	0240
Flowmeter, Down	11/05/2008	0975	0250
Flowmeter, Up	11/05/2008	0975	0250
LSN Electric Log	11/05/2008	0996	0195

# AQUIFER DATA SYSTEMS

## GAMMA RAY/CALIPER

FT. MYERS, FL. 239-872-5617

COMPANY **ROWE DRILLING**  
 WELL ID SE-UFA-WELL 1  
 FIELD FROSTPROOF  
 COUNTY POLK STATE FL

LOCATION  
 SOUTHEAST POLK COUNTY DEEP EXPLORATION WELL FIELD  
 SEC 21 TWP 31S RGE 29E

CO WELL FLD CTY STE FILING No

PERMANENT DATUM

ELEVATION

K.B.

LOG MEAS. FROM GL

ABOVE PERM. DATUM

D.F.

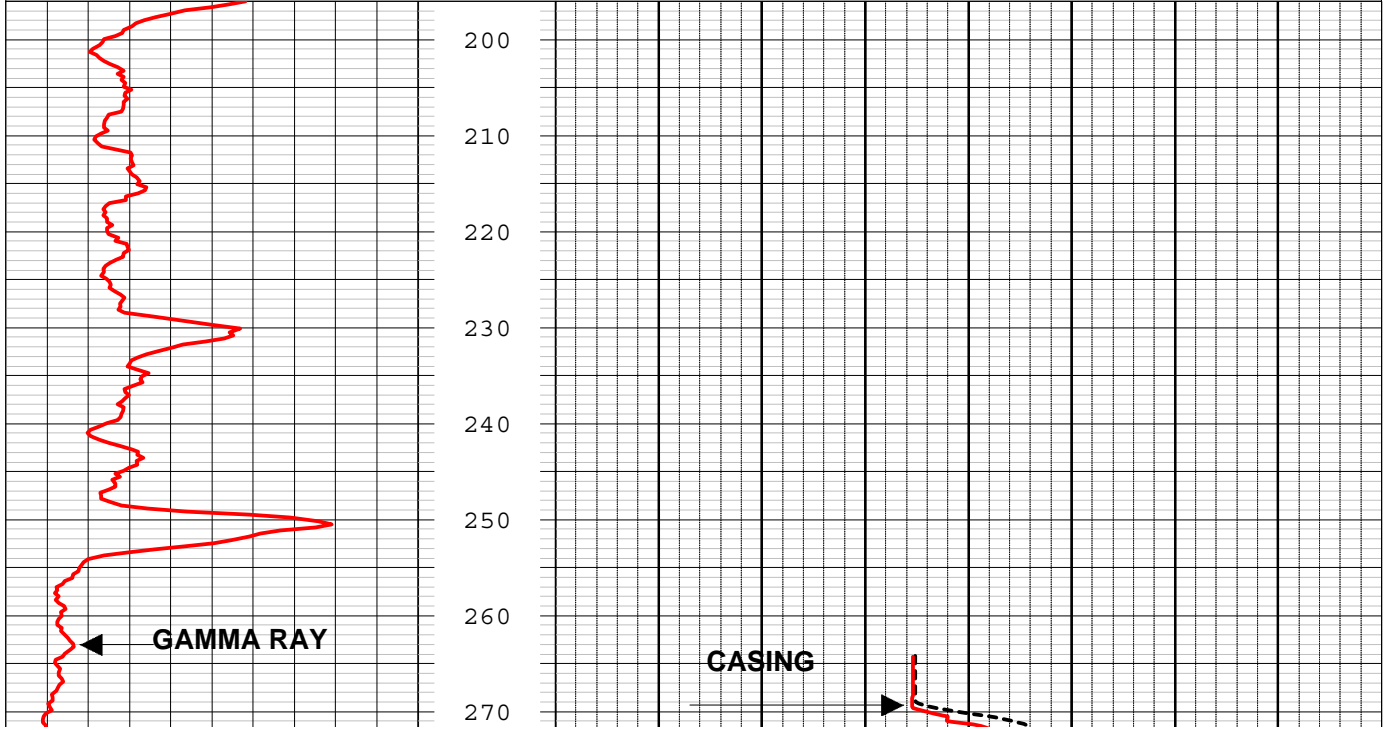
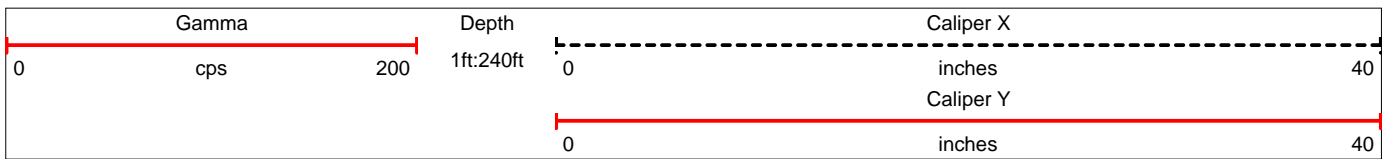
DRILLING MEAS. FROM GL

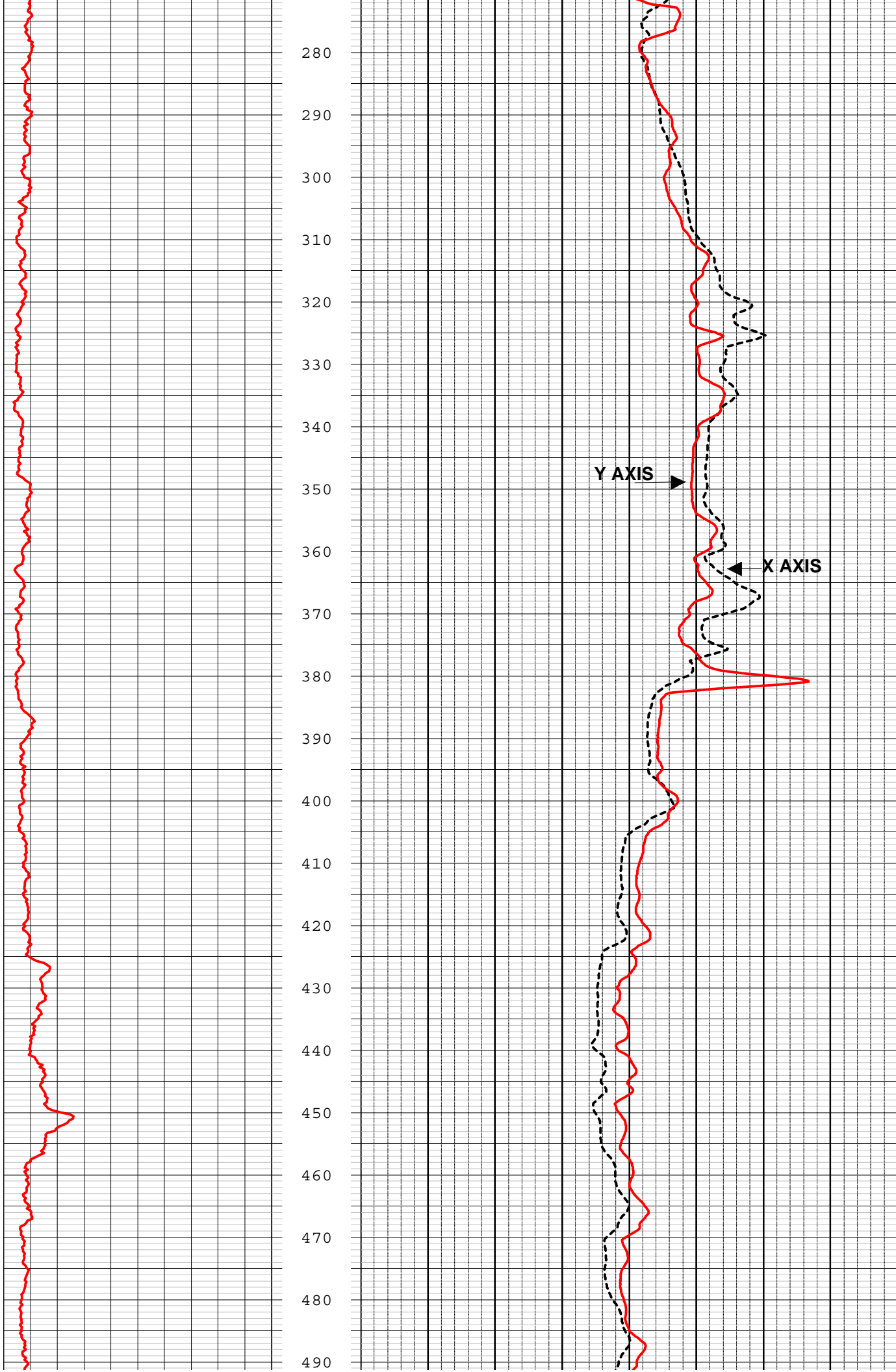
GL.

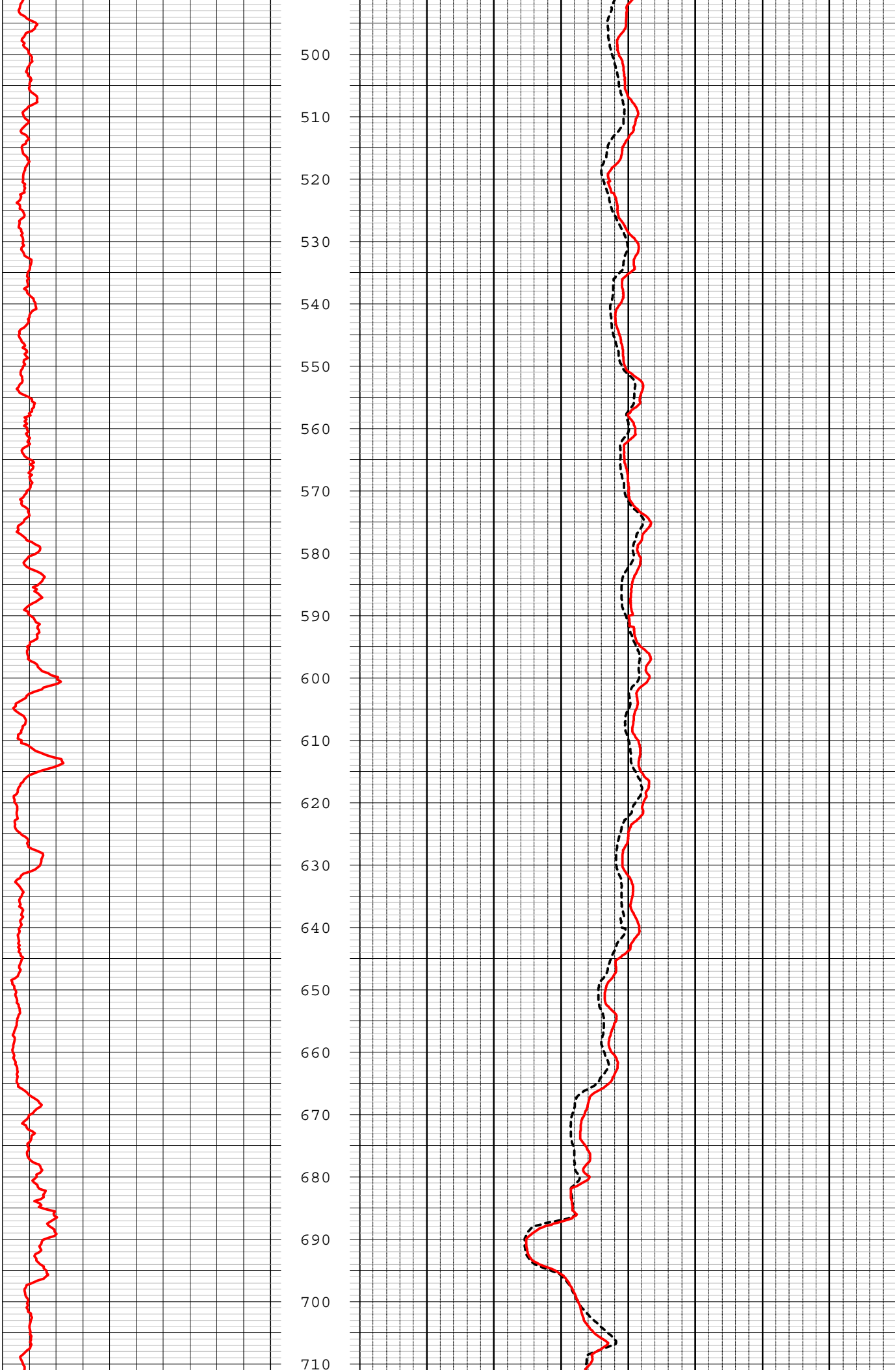
WATER

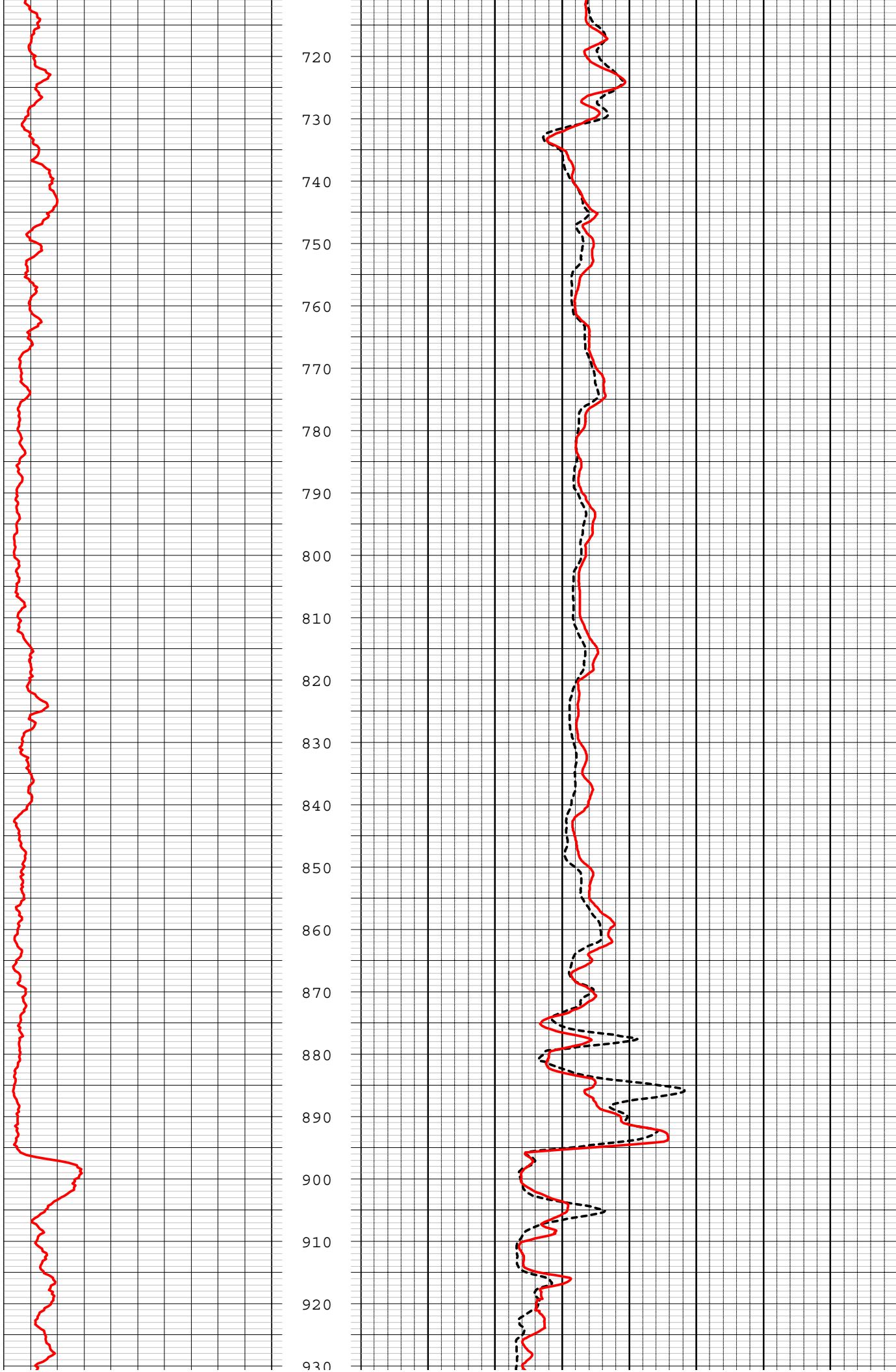
DATE	11-05-08	TYPE FLUID IN HOLE	TWO	SALINITY	
RUN No		GAMMA-RY CALIPER		DENSITY	
DEPTH-DRILLER	996'	DEPTH-DRILLER	996'	LEVEL	FULL
DEPTH-LOGGER	996'	DEPTH-LOGGER	996'	MAX. REC. TEMP.	
BTM LOGGED INTERVAL	996'	BTM LOGGED INTERVAL	996'		
TOP LOGGED INTERVAL	195'	TOP LOGGED INTERVAL	195'		
OPERATING RIG TIME	ONE HOUR	OPERATING RIG TIME	ONE HOUR		
RECORDED BY	NOVAK/ADS	RECORDED BY	NOVAK/ADS		
WITNESSED BY	M. GUNTER/PBS&J	WITNESSED BY	M. GUNTER/PBS&J		

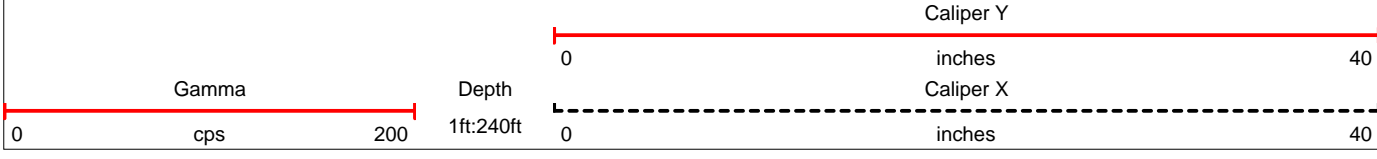
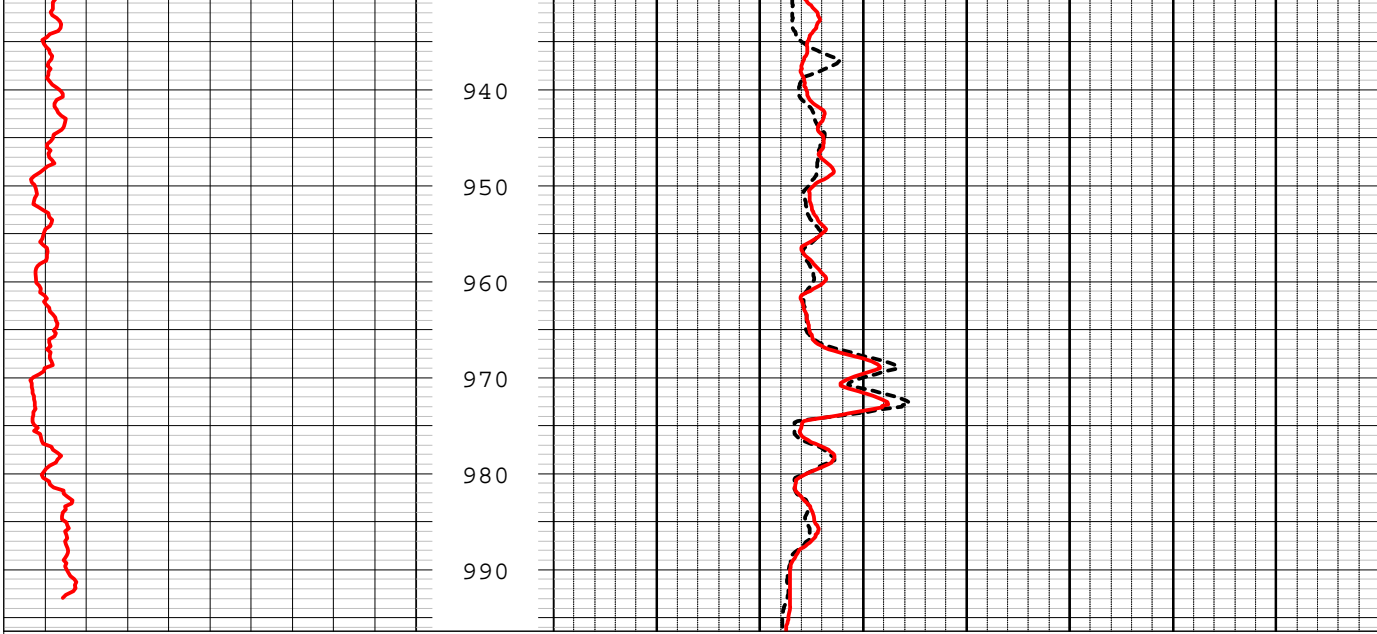
BOREHOLE RECORD		CASING RECORD					
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
23"		100'	271'	24"	STL	SURE	100'
12.25"		271'	996'	18"	STL	SURE	270'



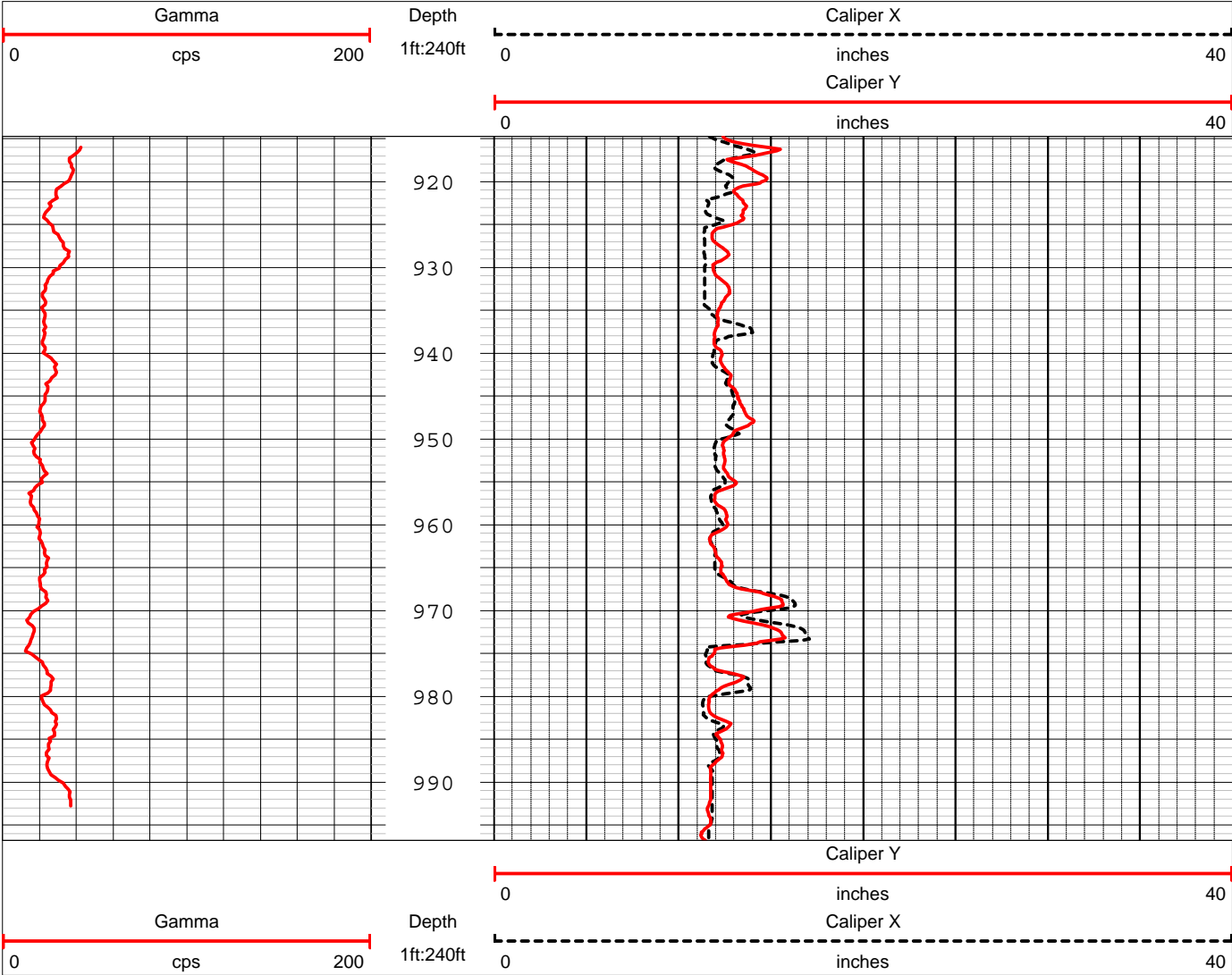








# REPEAT SECTION



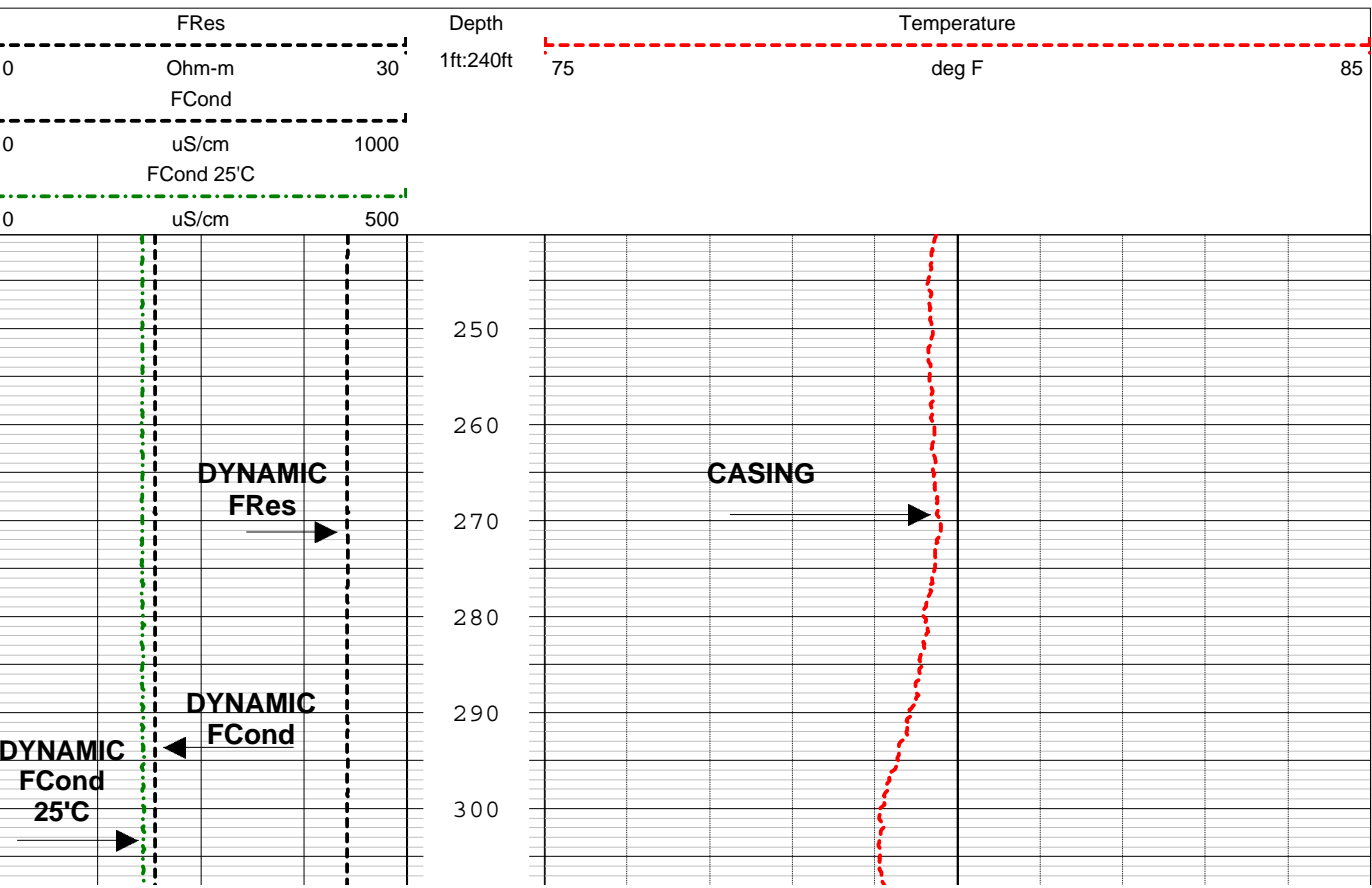
# AQUIFER DATA SYSTEMS

## TEMPERATURE FLUID RESISTIVITY

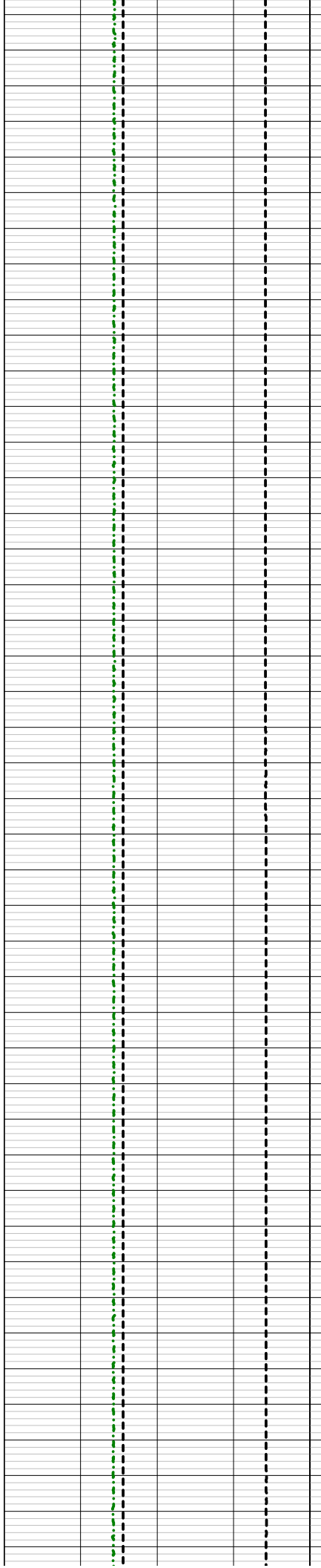
COMPANY	ROWE DRILLING
WELL ID	SE-UFA-WELL 1
FIELD	FROSTPROOF
COUNTRY	POLK
STATE	FL
LOCATION	SOUTHEAST POLK COUNTY DEEP EXPLORATORY WELL SYSTEM
OTHER SERVICES	DYNAMIC FLOW RATE APP 2500 GPM
CO	SEC 21
WELL	TWP 31S
FLD	RGE 29E
CTY	
STE	
FILING No	

PERMANENT DATUM	ELEVATION	K.B.
LOG MEAS. FROM	GL	ABOVE PERM. DATUM
DRILLING MEAS. FROM	GL	G.L.
DATE	11-05-08	TYPE FLUID IN HOLE
RUN No	TWO	SALINITY
TYPE LOG	DYNAMIC TEMP FL. RESIST.	DENSITY
DEPTH-DRILLER	996'	LEVEL
DEPTH-LOGGER	996'	MAX. REC. TEMP.
BTM LOGGED INTERVAL	996'	81.17°F
TOP LOGGED INTERVAL	240'	
OPERATING RIG TIME	ONE HOUR	
RECORDED BY	NOVAK/ADS	
WITNESSED BY	M. GUNTER/PBS&J	

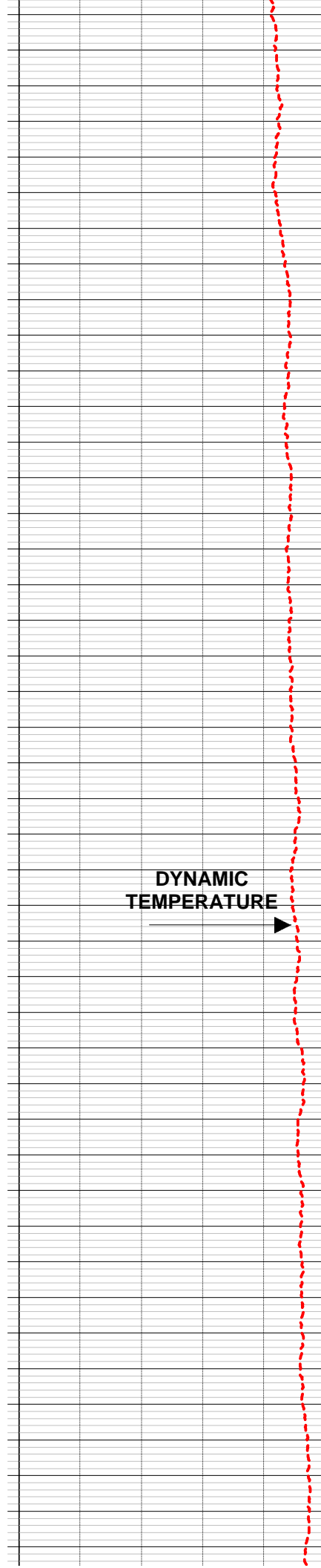
BOREHOLE RECORD		CASING RECORD					
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
23"		100'	271'	24"	STL	SURF	100'
12.25"		271'	996'	18"	STL	SURF	270'





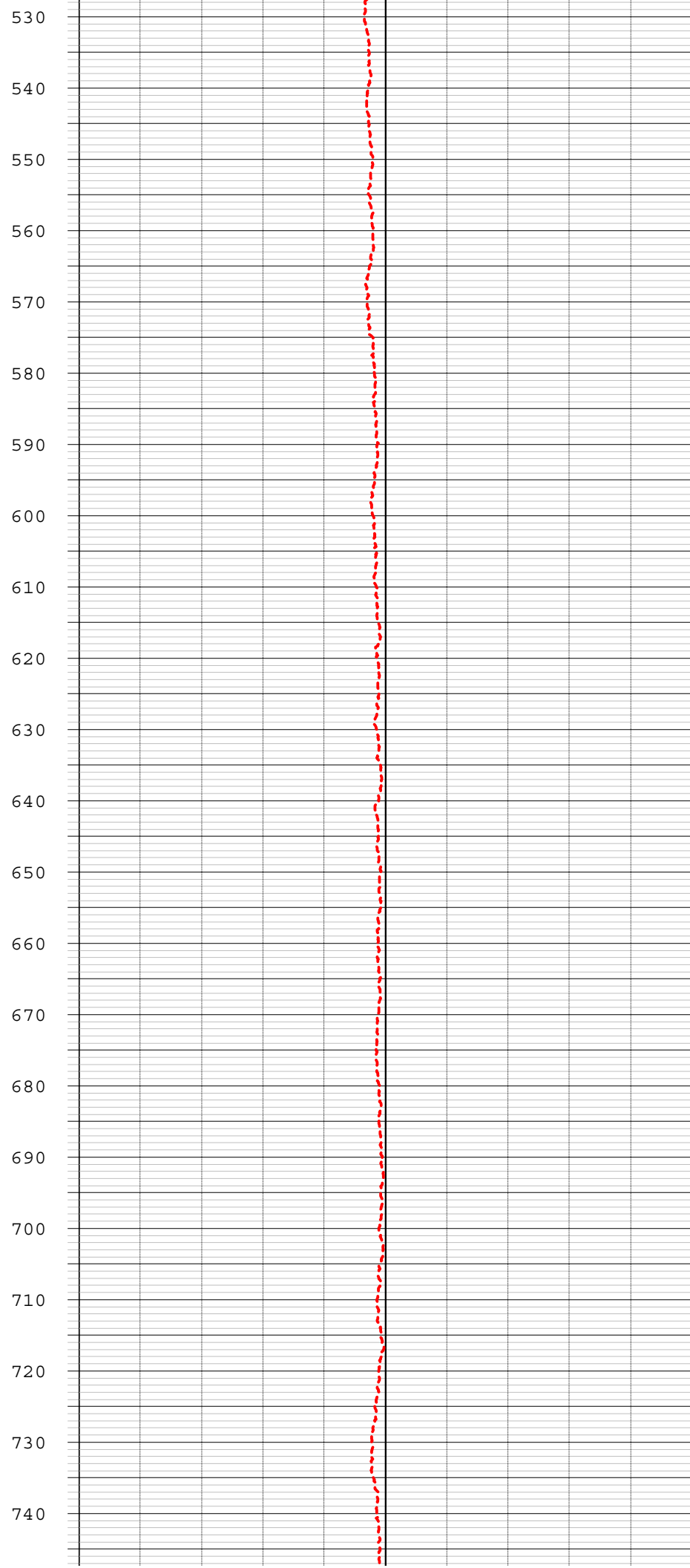
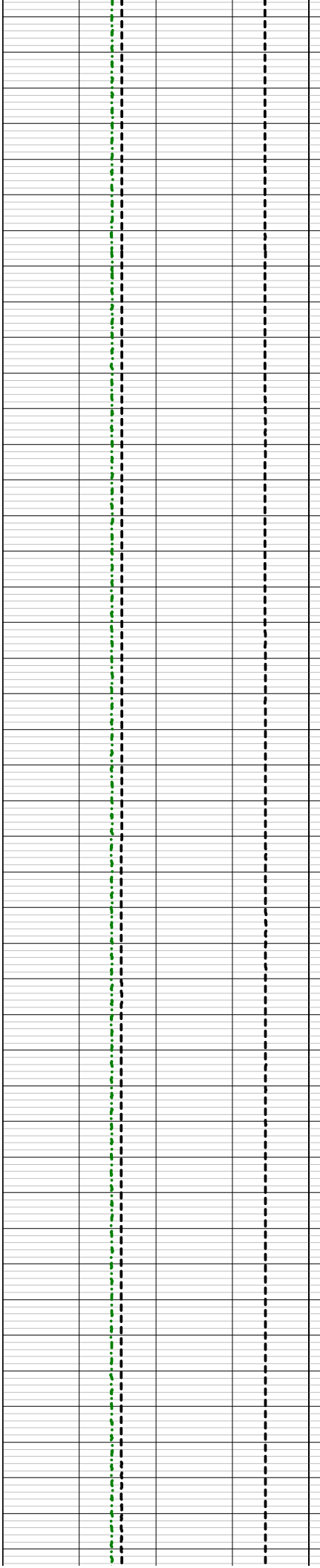


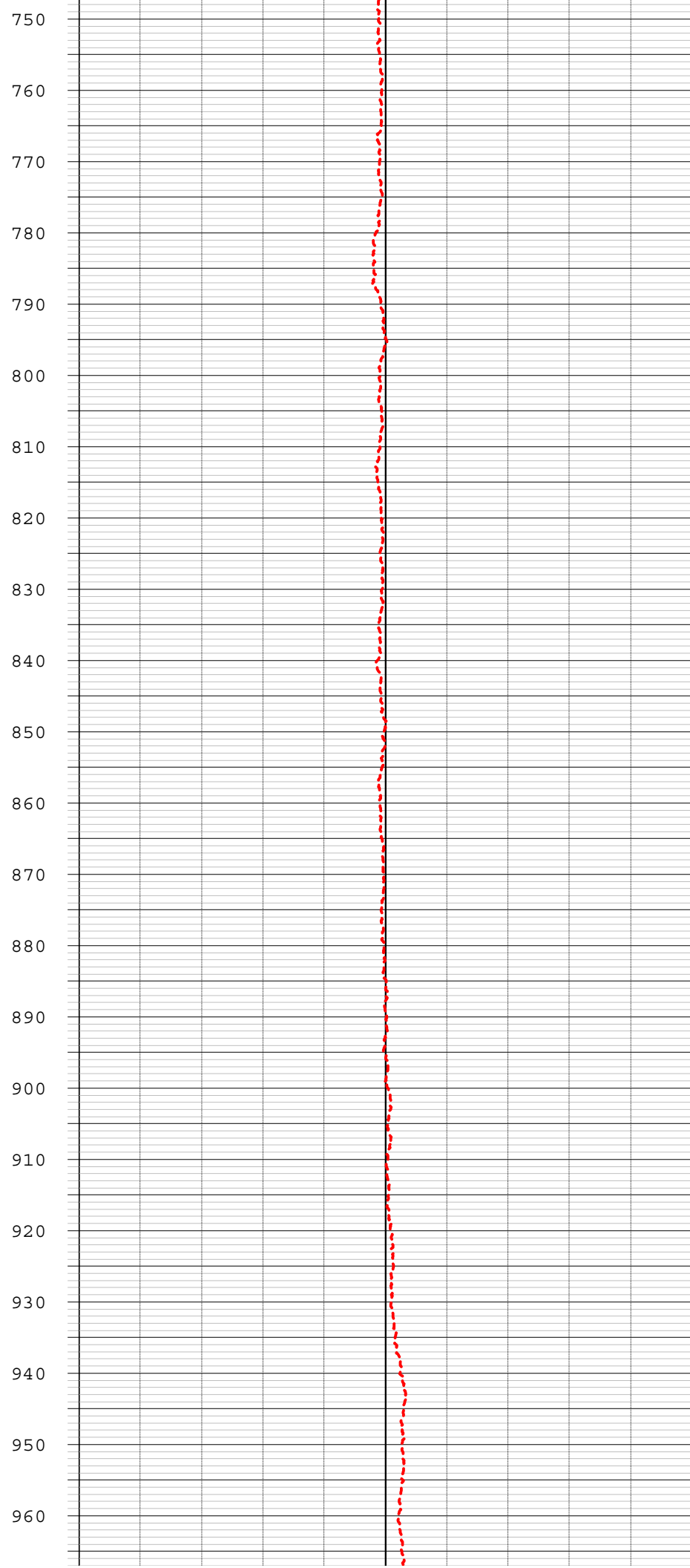
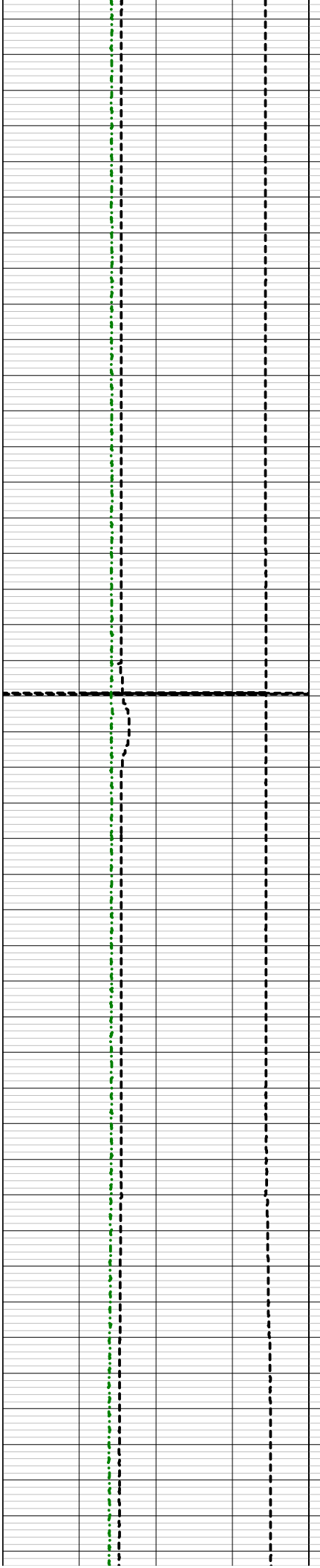
310  
320  
330  
340  
350  
360  
370  
380  
390  
400  
410  
420  
430  
440  
450  
460  
470  
480  
490  
500  
510  
520

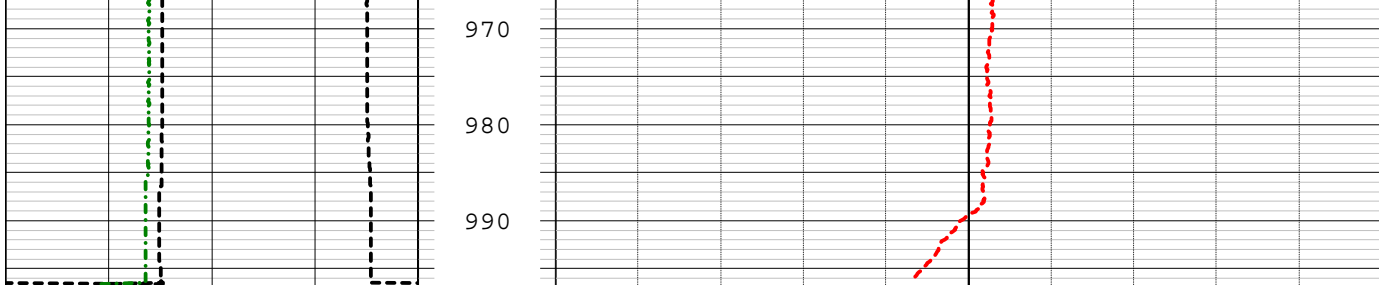


**DYNAMIC  
TEMPERATURE**









FCond 25°C

0 uS/cm 500

FCond

0 uS/cm 1000

FRes

0 Ohm-m 30

Depth

1ft:240ft

Temperature

deg F

75

85

# AQUIFER DATA SYSTEMS

## FLOWMETER

FT. MYERS, FL. 239-872-5617

COMPANY **ROWE DRILLING**

WELL ID **SE-UFA-WELL 1**

FIELD **FROSTPROOF**

COUNTY **POLK**

STATE **FL**

LOCATION  
SOUTHEAST POLK COUNTY DEEP EXPLORATION WELL FIELD

OTHER SERVICES  
FLOW RATE APP  
2500 GPM

CO  
WELL  
FLD  
CTY  
STE  
FILING No

SEC 21 TWP 31S RGE 29E

PERMANENT DATUM

ELEVATION

K.B.

LOG MEAS. FROM GL

ABOVE PERM. DATUM

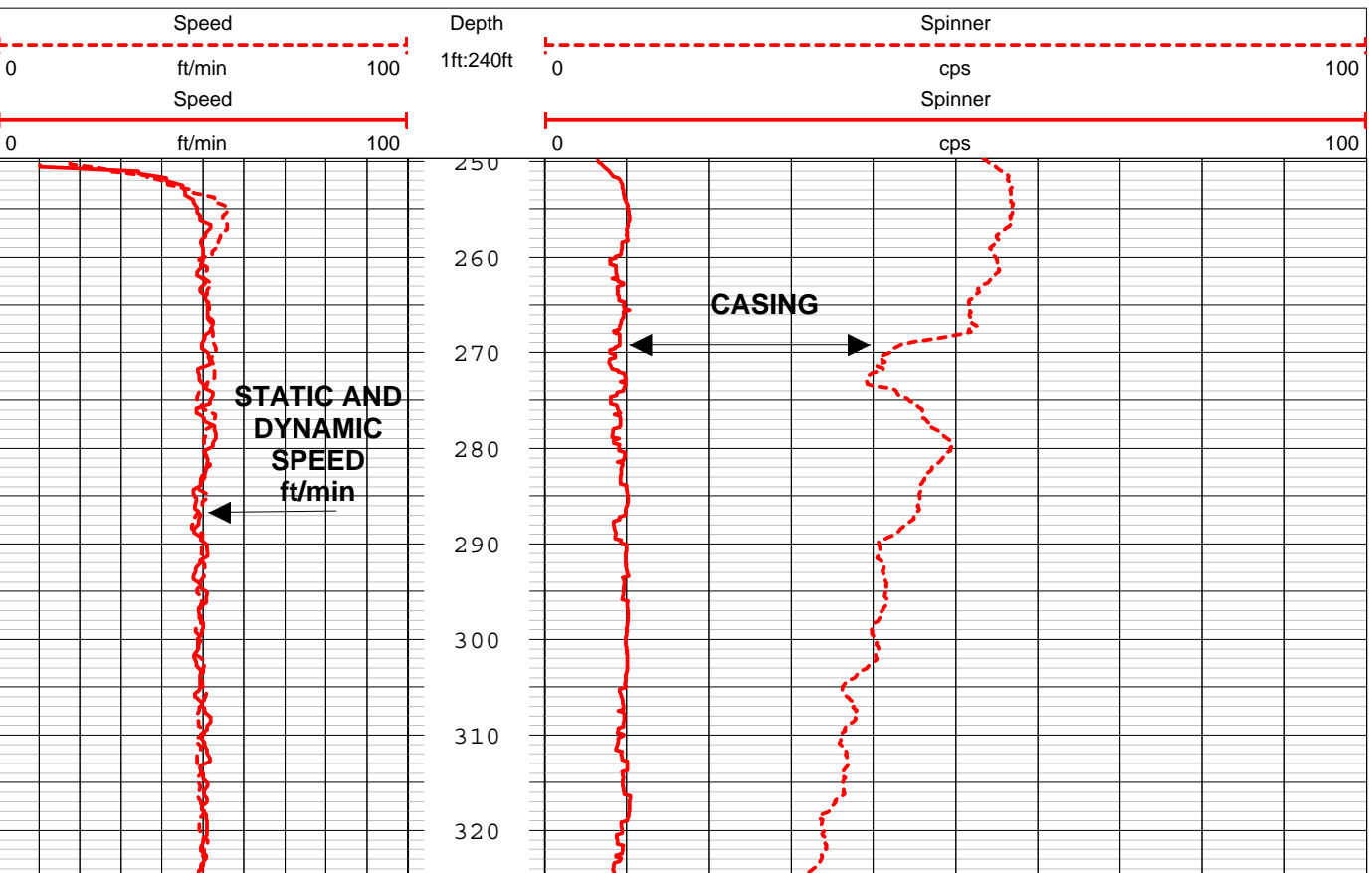
D.F.

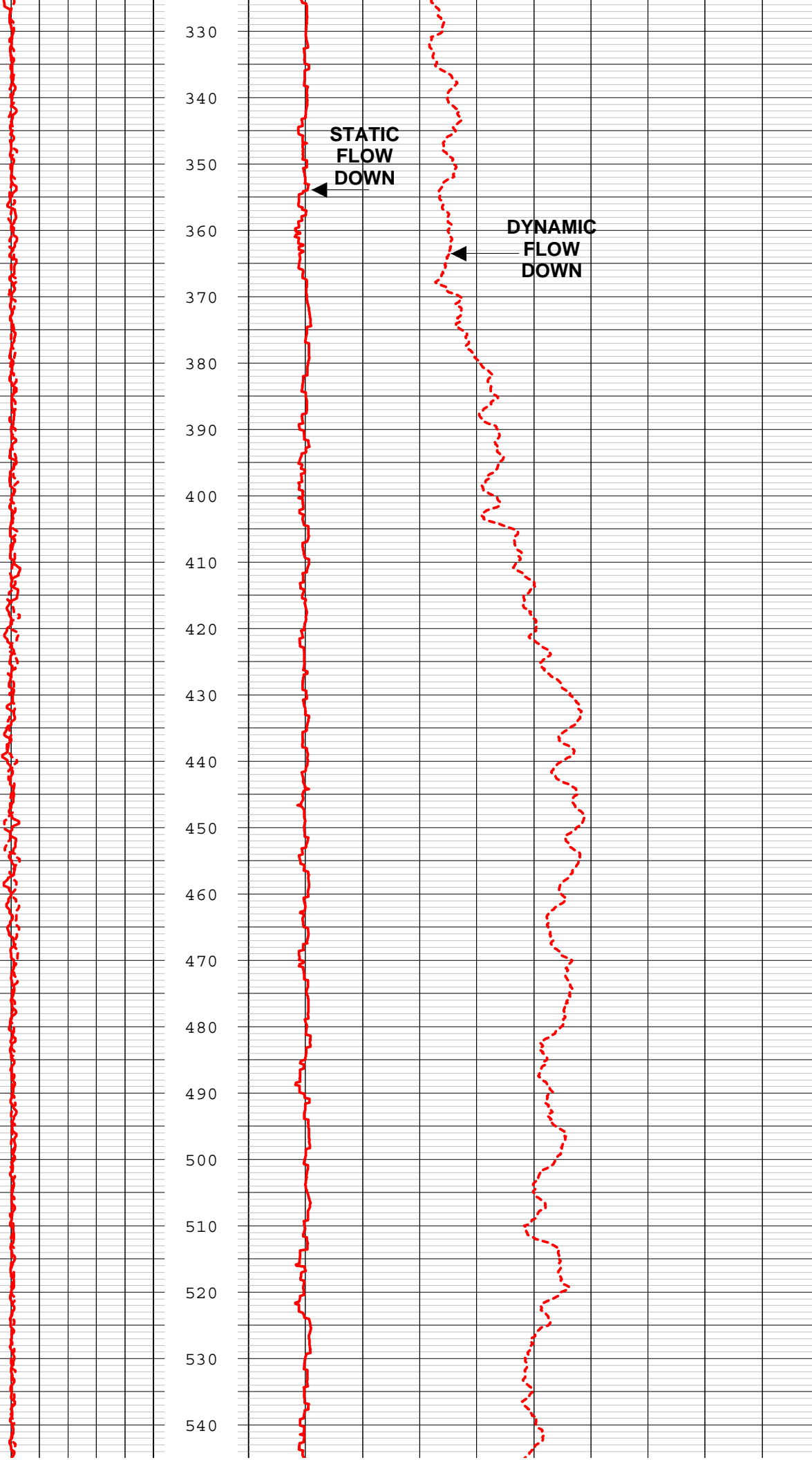
DRILLING MEAS. FROM GL

G.L.  
WATER

DATE	11-05-08	TYPE FLUID IN HOLE	TWO	SALINITY	
RUN No		FLOWMETER DOWN		DENSITY	
DEPTH-DRILLER	996'	DEPTH-DRILLER	996'	LEVEL	
DEPTH-LOGGER	996'	DEPTH-LOGGER	996'	MAX. REC. TEMP.	
BTM LOGGED INTERVAL	975'	BTM LOGGED INTERVAL	975'		
TOP LOGGED INTERVAL	250'	TOP LOGGED INTERVAL	250'		
OPERATING RIG TIME	ONE HOUR	OPERATING RIG TIME	ONE HOUR		
RECORDED BY	NOVAK/ADS	RECORDED BY	NOVAK/ADS		
WITNESSED BY	M. GUNTER/PBS&J	WITNESSED BY	M. GUNTER/PBS&J		

BOREHOLE RECORD		CASING RECORD					
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
	23"	100'	271'	24"	STL	SURF	100'
	12.25"	271'	996'	18"	STL	SURF	270'

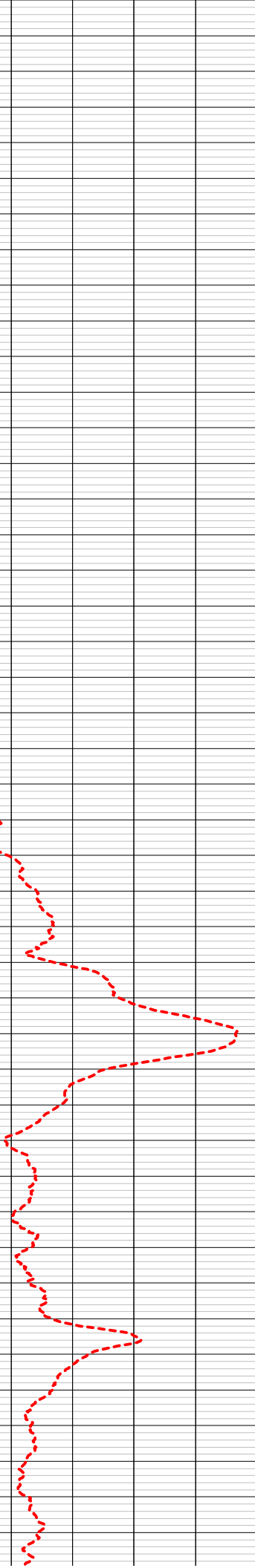
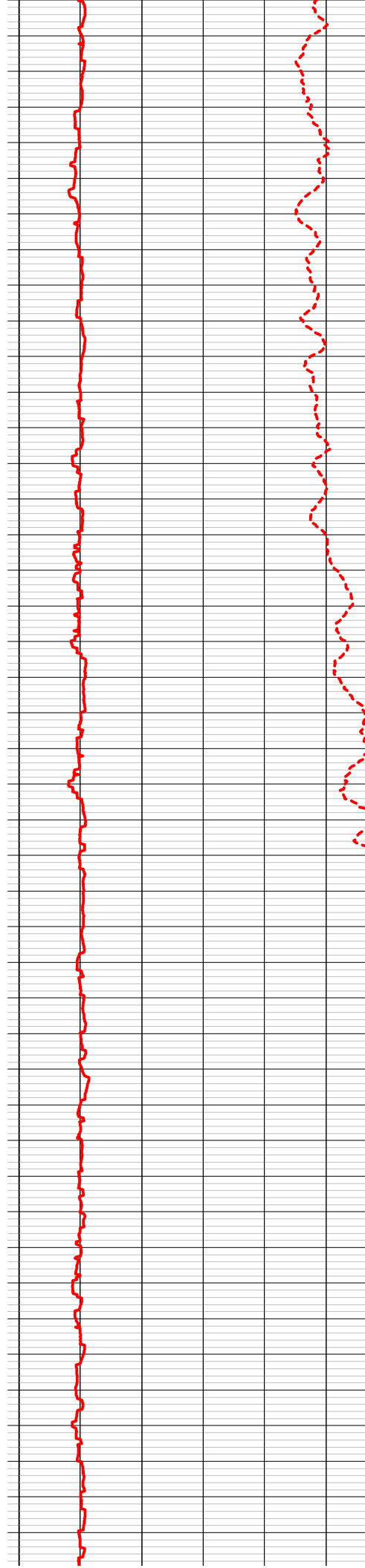
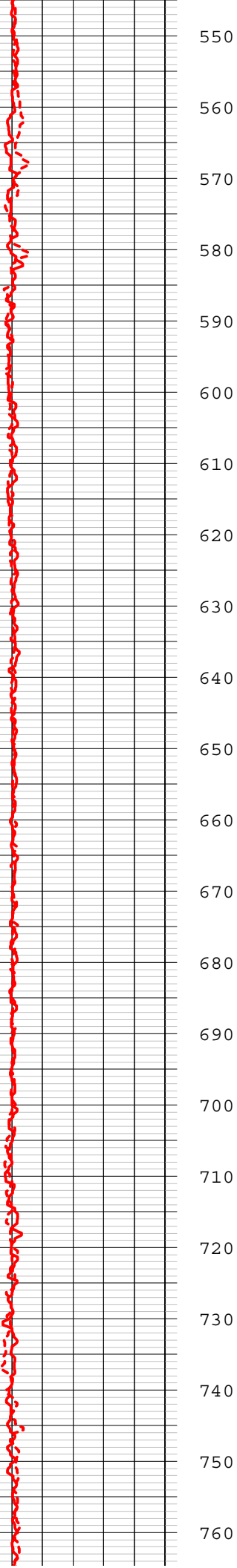


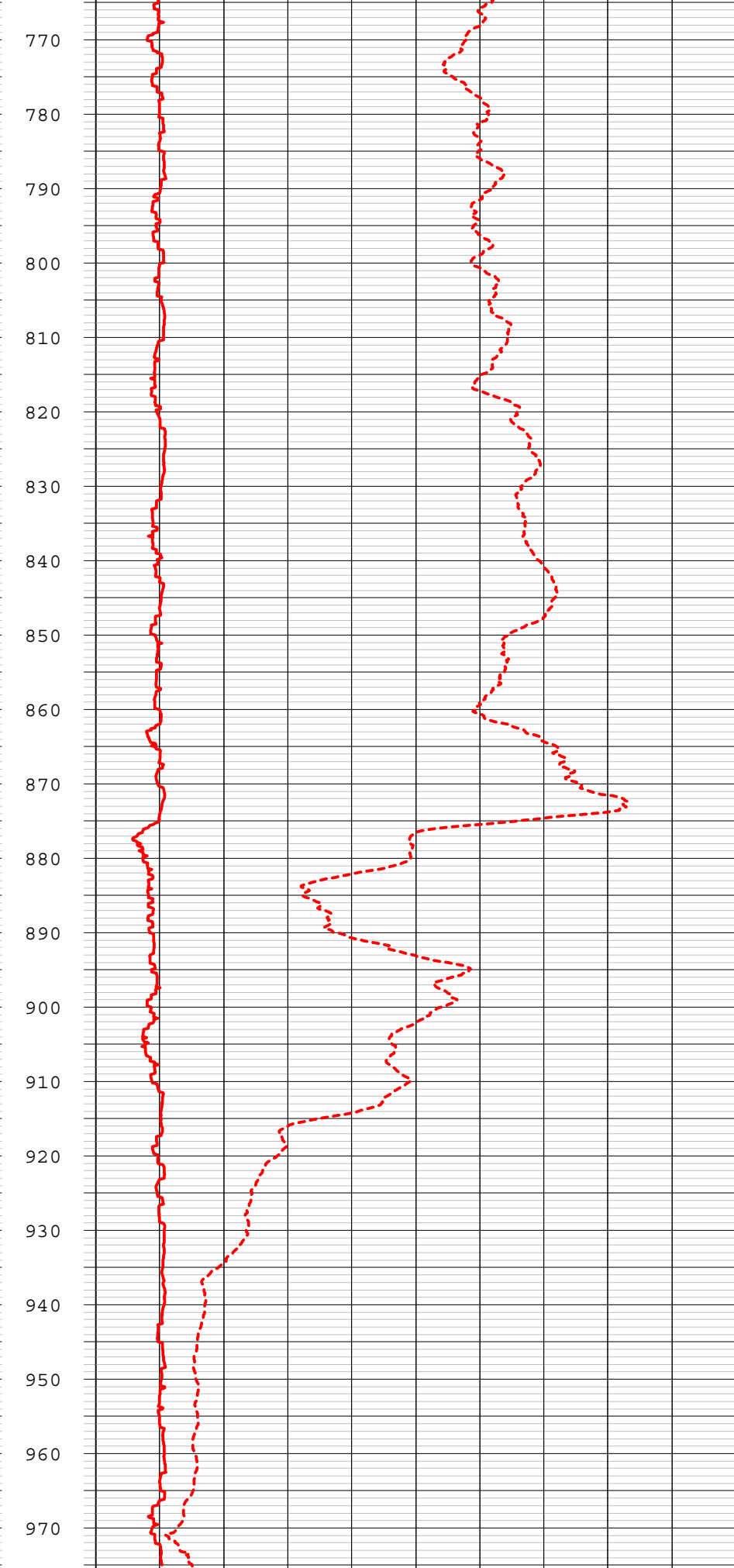
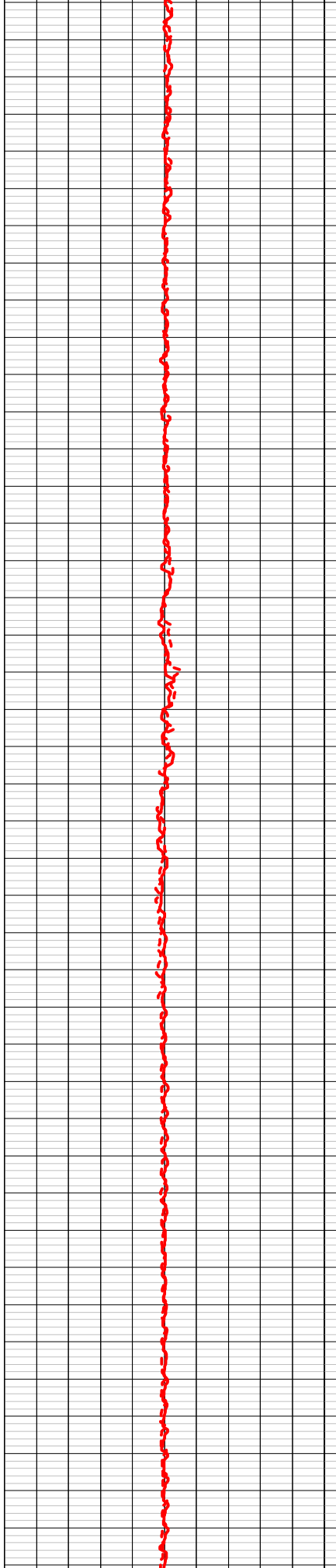


**STATIC  
FLOW  
DOWN**

**DYNAMIC  
FLOW  
DOWN**

330  
340  
350  
360  
370  
380  
390  
400  
410  
420  
430  
440  
450  
460  
470  
480  
490  
500  
510  
520  
530  
540





Speed

ft/min

100

Spinner

cps

100



Speed

Depth

Spinner

0

ft/min

100

1ft:240ft

0

cps

100

# AQUIFER DATA SYSTEMS

## FLOWMETER

FT. MYERS, FL. 239-872-5617

COMPANY **ROWE DRILLING**  
 WELL ID SE-UFA-WELL 1  
 FIELD FROSTPROOF  
 COUNTY POLK STATE FL

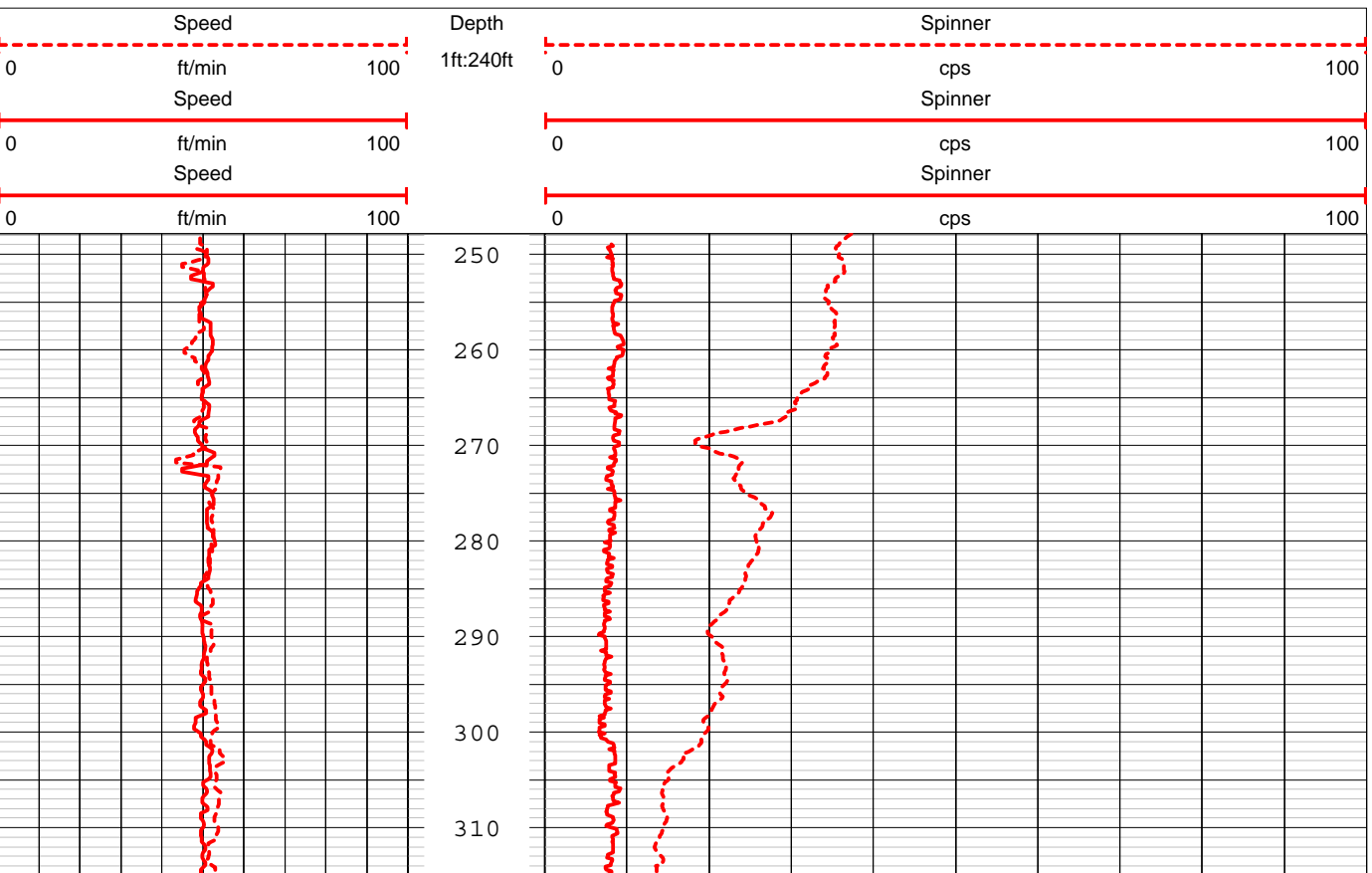
LOCATION  
 SOUTHEAST POLK COUNTY DEEP EXPLORATION WELL SYSTEM

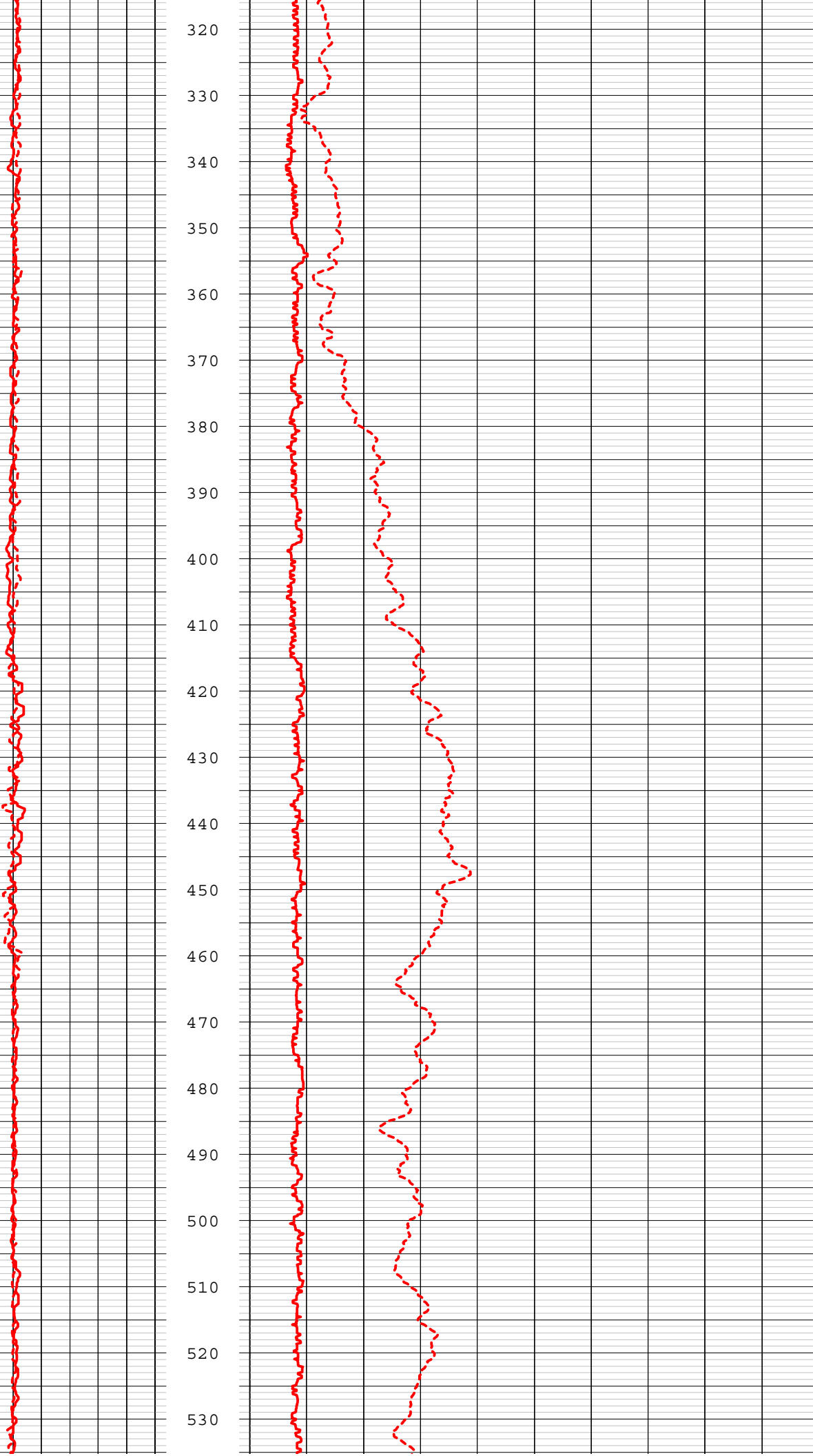
CO WELLD CTY STE FILING No  
 SEC 21 TWP 31S RGE 29E

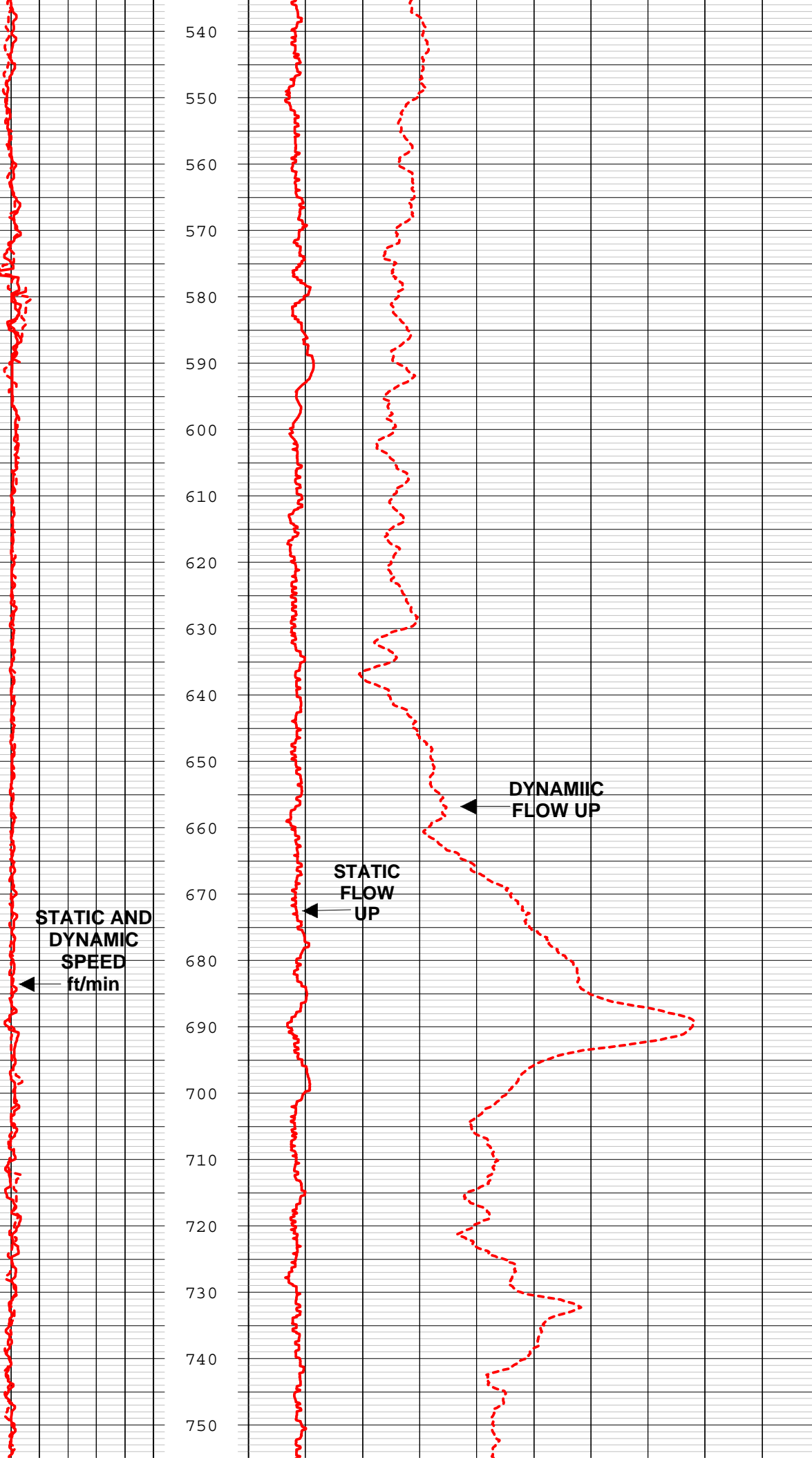
PERMANENT DATUM ELEVATION  
 LOG MEAS. FROM GL ABOVE PERM. DATUM  
 DRILLING MEAS. FROM GL

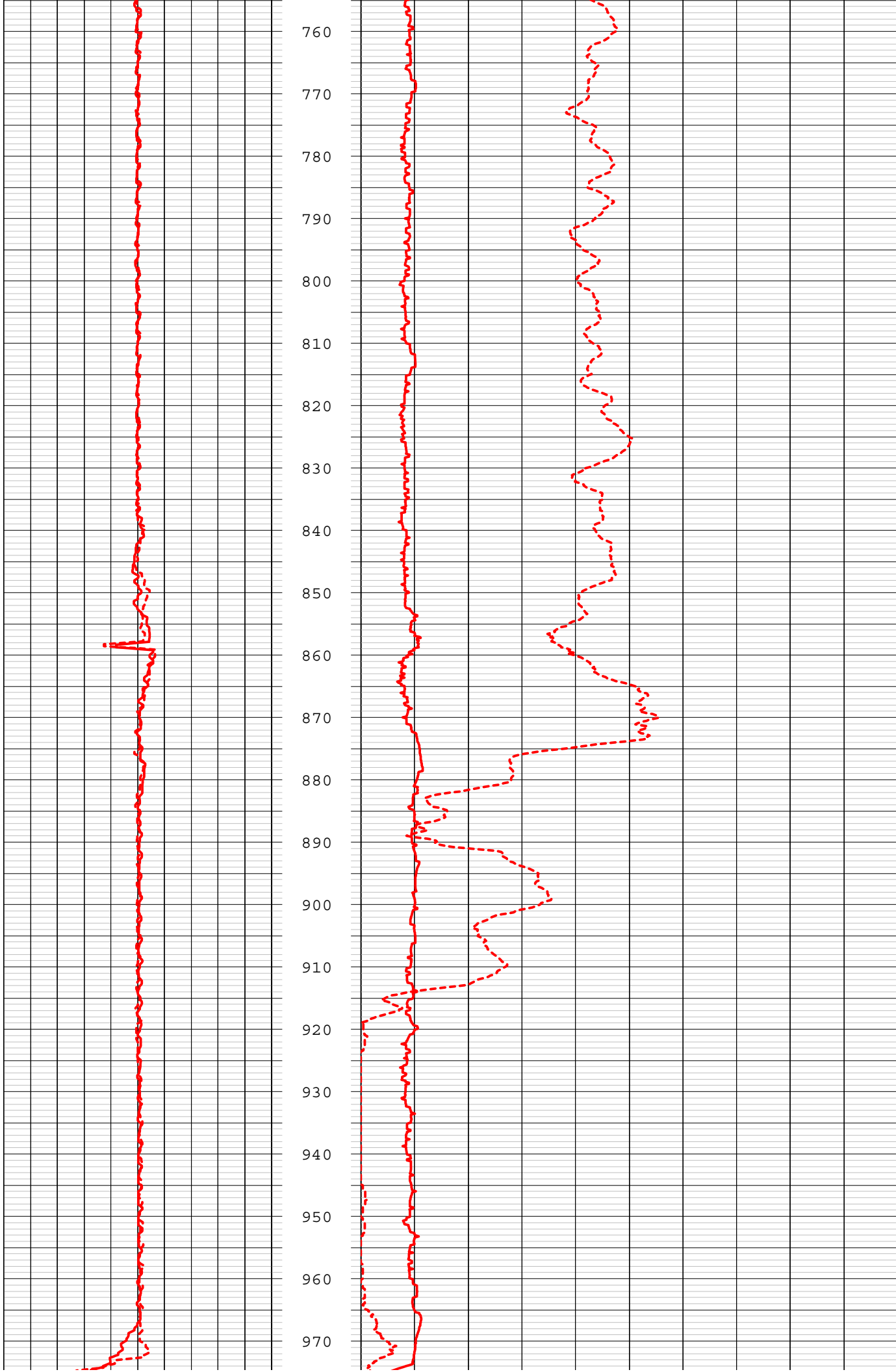
DATE	11-05-08	TYPE FLUID IN HOLE	WATER
RUN No	TWO	SALINITY	
TYPE LOG	FLOWMETER UP	DENSITY LEVEL	
DEPTH-DRILLER	996'	MAX. REC. TEMP.	
DEPTH-LOGGER	996'		
BTM LOGGED INTERVAL	975'		
TOP LOGGED INTERVAL	250'		
OPERATING RIG TIME	ONE HOUR		
RECORDED BY	NOVAK/ADS		
WITNESSED BY	M. GUNTER/PBS&J		

BOREHOLE RECORD		CASING RECORD					
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
	23"	100'	271'	24"	STL	SURF	100'
	12.25"	271'	996'	18"	STL	SURF	270'









Speed			Spinner			
0	ft/min	100	0	cps	100	
Speed			Spinner			
0	ft/min	100	0	cps	100	
Speed			Depth	Spinner		
0	ft/min	100	1ft:240ft	0	cps	100

# AQUIFER DATA SYSTEMS

## ELECTRIC LOG

FT. MYERS, FL. 239-872-5617

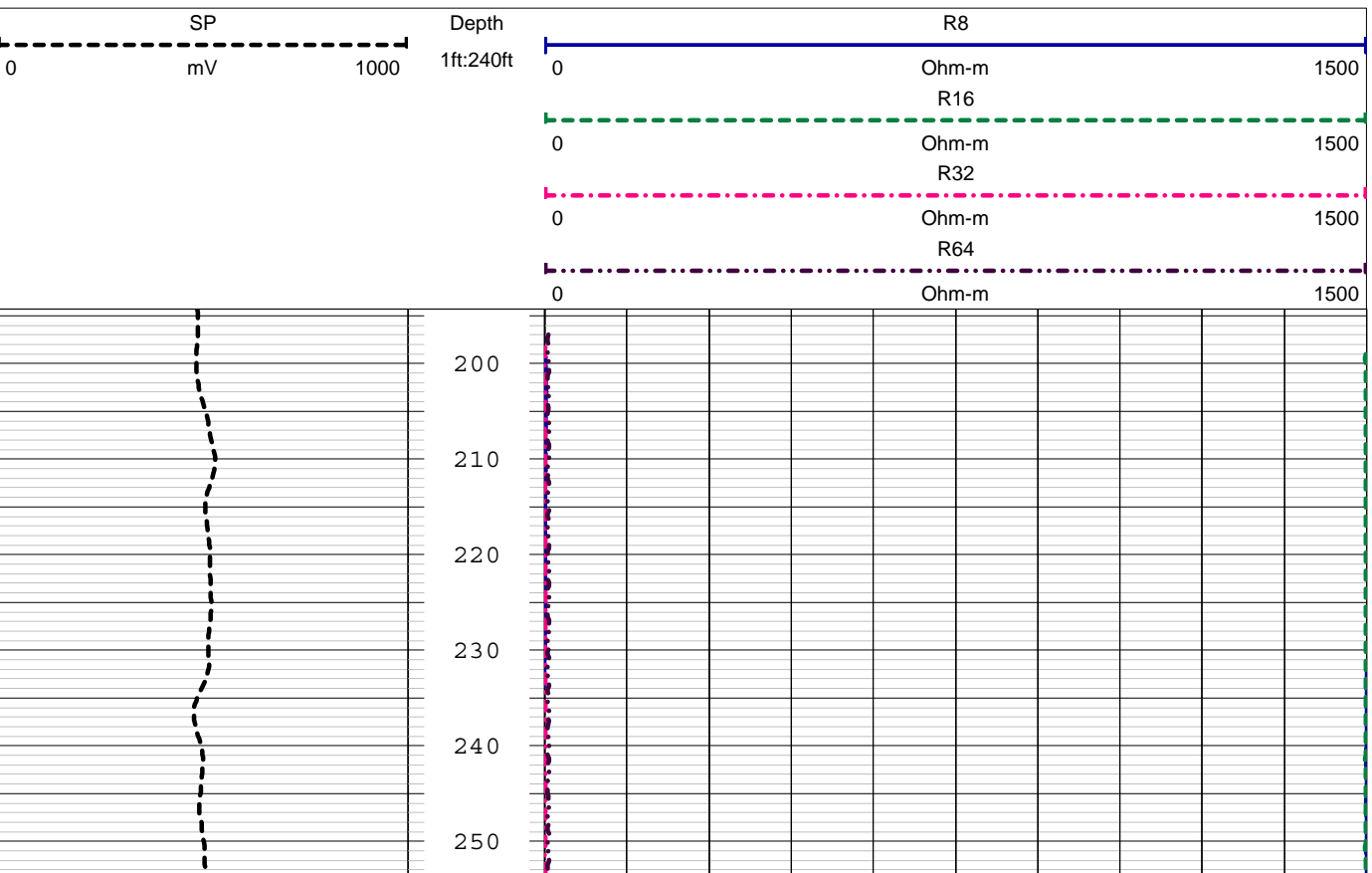
COMPANY **ROWE DRILLING**  
 WELL ID SE-UFA-WELL 1  
 FIELD FROSTPROOF  
 COUNTY POLK STATE FL

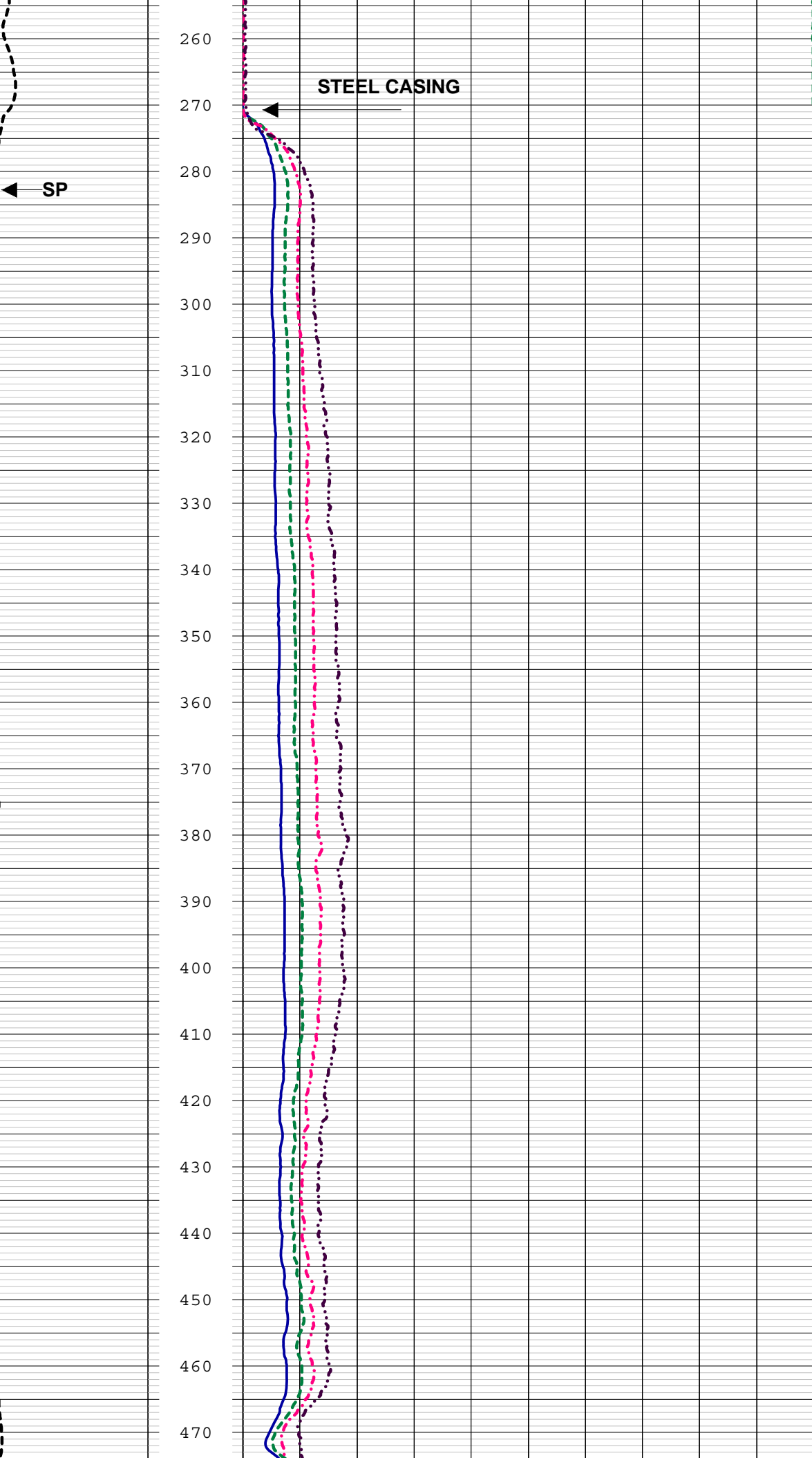
LOCATION  
 SOUTHEAST POLK COUNTY DEEP EXPLORATORY WELL SYSTEM  
 OTHER SERVICES  
 SUBMERSIBLE PUMP  
 INSTALLED  
 TO 160'

PERMANENT DATUM ELEVATION  
 LOG MEAS. FROM GL ABOVE PERM. DATUM  
 DRILLING MEAS. FROM GL

DATE 11-05-08 TYPE FLUID IN HOLE WATER  
 RUN No TWO SALINITY  
 TYPE LOG LONG SHORT NORMAL DENSITY  
 DEPTH-DRILLER 996' LEVEL 2'  
 DEPTH-LOGGER 996' MAX. REC. TEMP.  
 BTM LOGGED INTERVAL 996'  
 TOP LOGGED INTERVAL 195'  
 OPERATING RIG TIME ONE HOUR  
 RECORDED BY NOVAK/ADS  
 WITNESSED BY M. GUNTER/PBS&J

BOREHOLE RECORD		CASING RECORD					
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
	23"	100'	271'	24"	STL	SURF	100'
	12.25"	271'	996'	18"	STL	SURF	270'



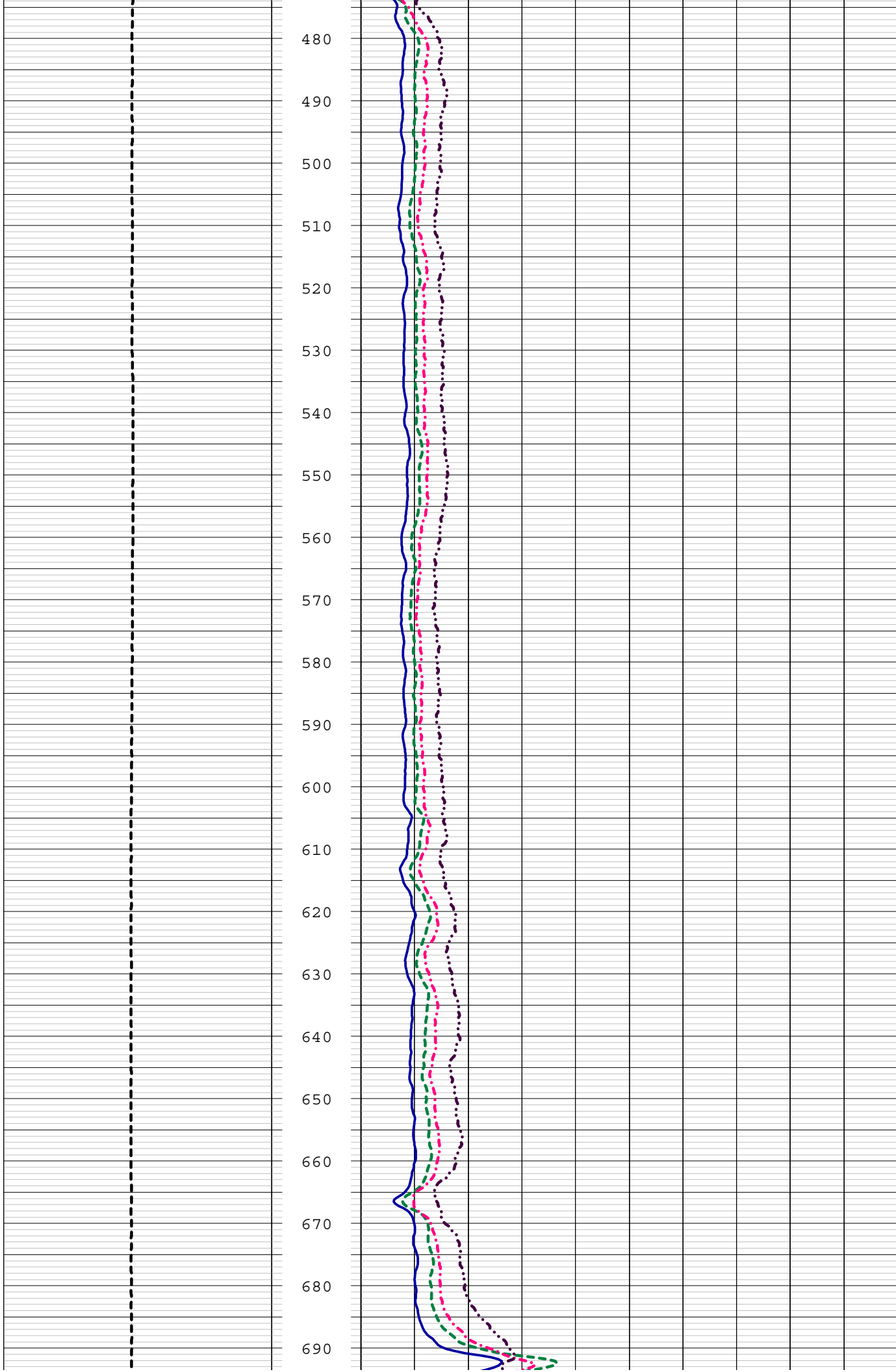


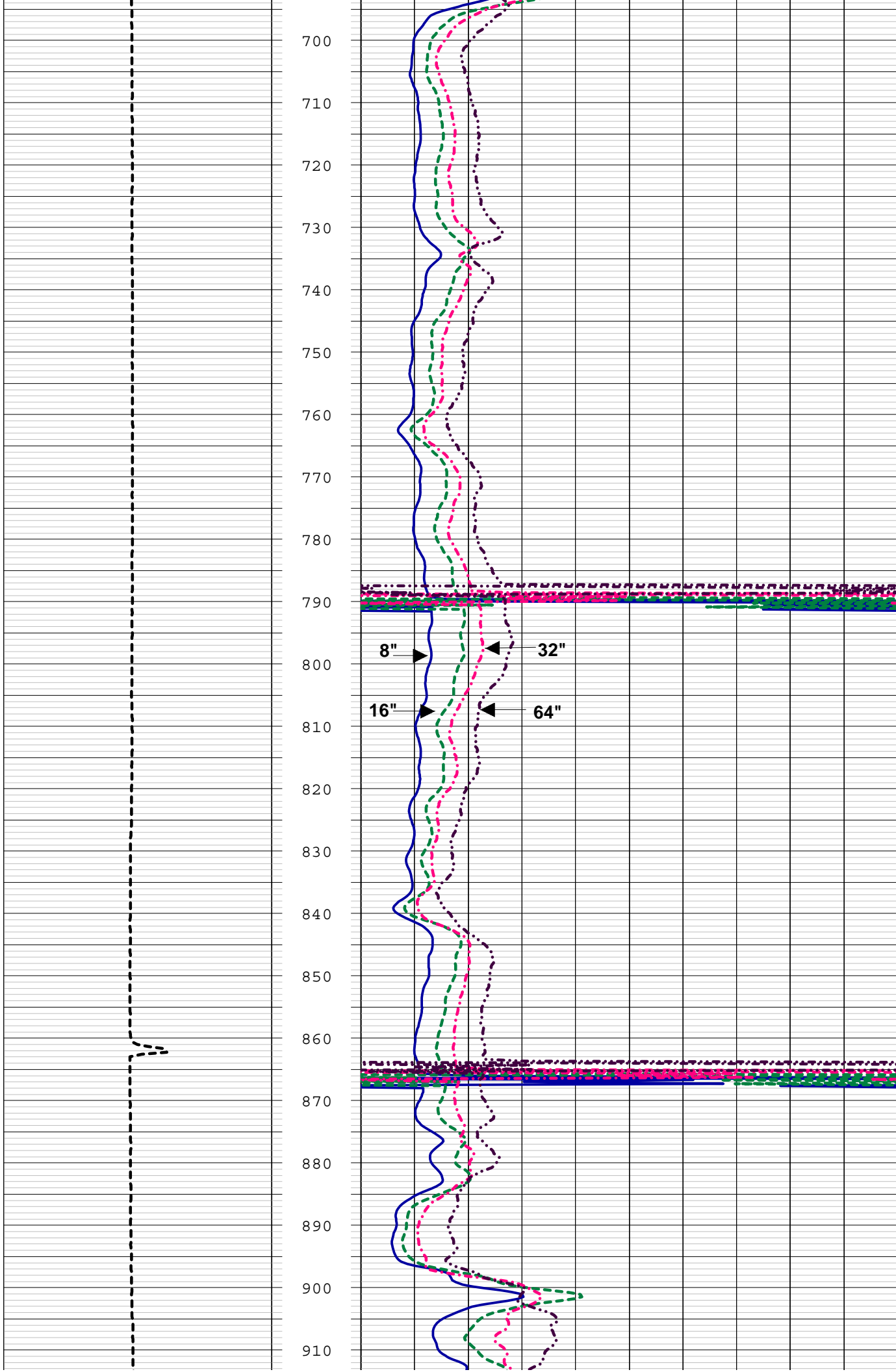
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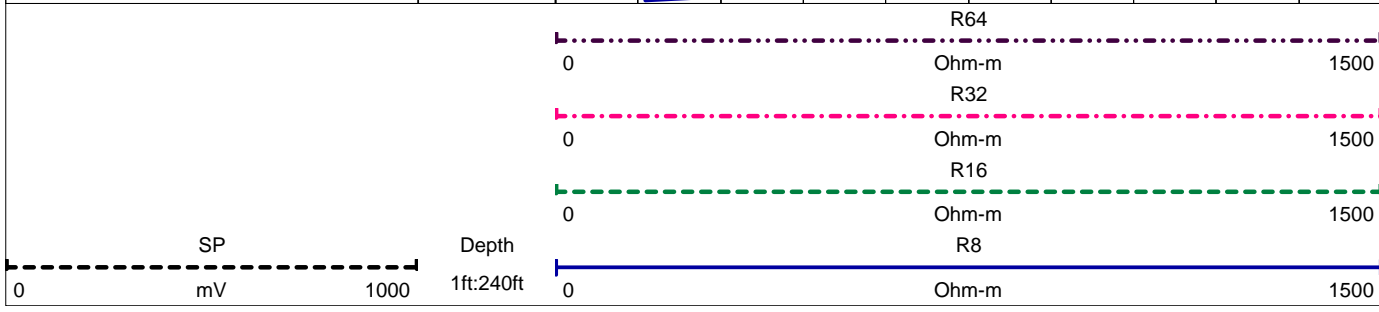
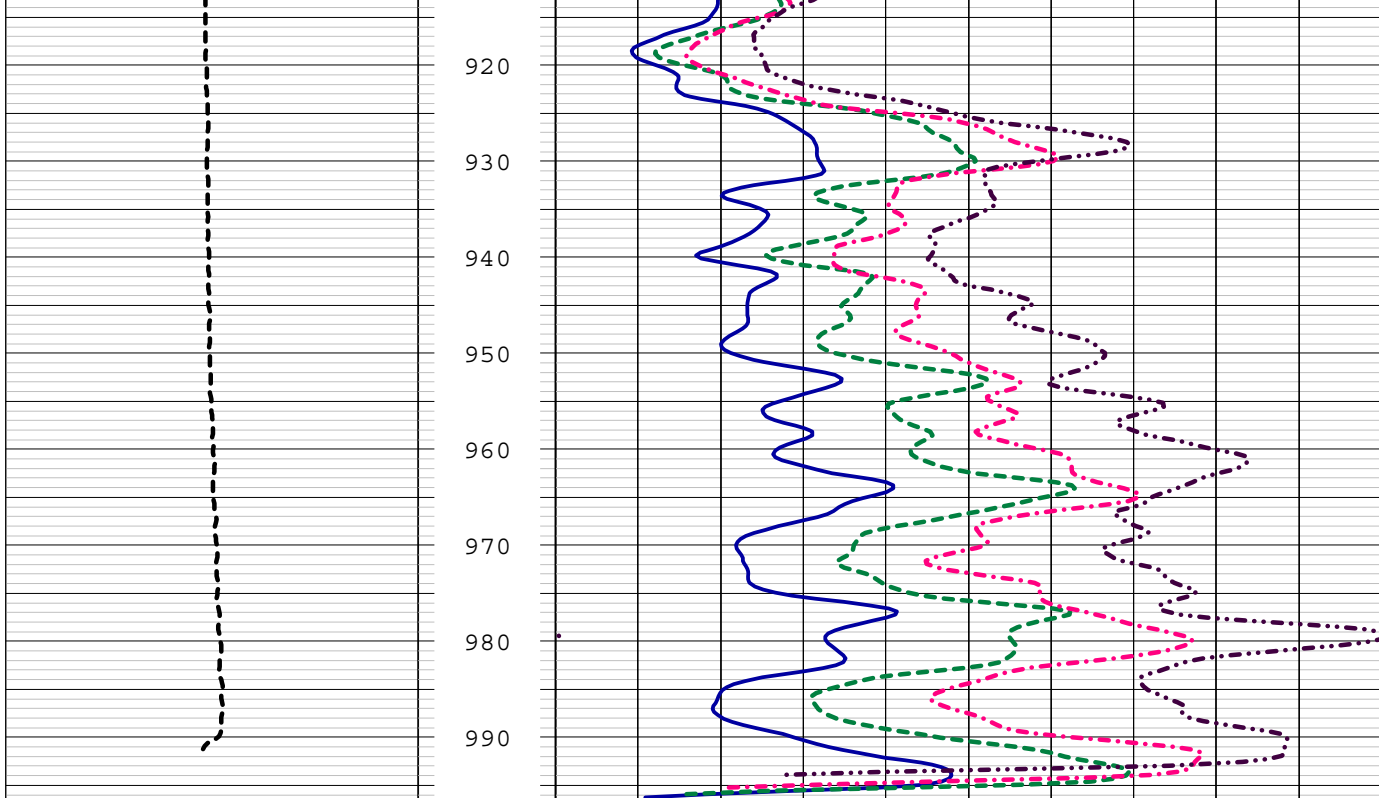
STEEL CASING

260  
270  
280  
290  
300  
310  
320  
330  
340  
350  
360  
370  
380  
390  
400  
410  
420  
430  
440  
450  
460  
470









# REPEAT SECTION

