

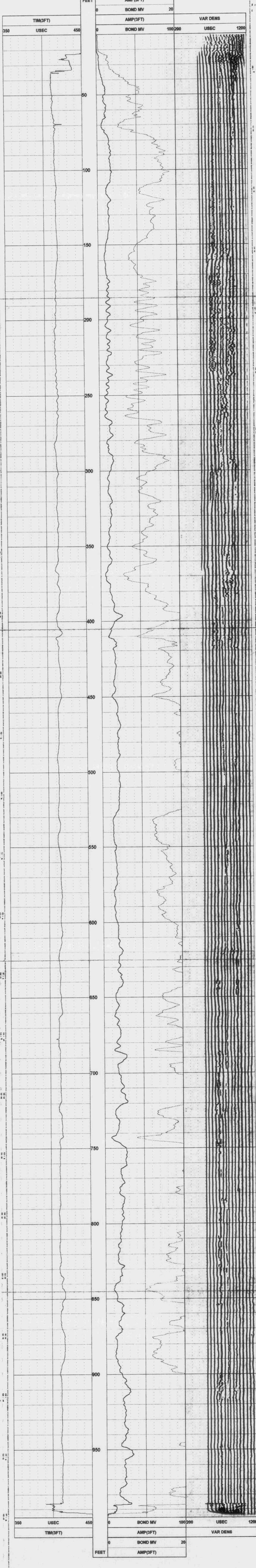
Southern Resource Exploration

P.O. Box 14311
Gainesville, Florida 32604
Phone 352-3725950

CEMENT BOND LOG

COMPANY : DIVERSIFIED DRILLING INC.	OTHER SERVICES:	
WELL : ASR-1		
LOCATION/FIELD : POMPANO BEACH WTP 2A		
COUNTY : BROWARD		
STATE : FL		
SECTION :	TOWNSHIP :	RANGE :
DATE : 12/03/96	PERMANENT DATUM : PAD	ELEVATIONS:
DEPTH DRILLER : 1200	ELEV. PERM. DATUM :	KB :
LOG BOTTOM : 998.00	LOG MEASURED FROM: PAD	DF :
LOG TOP : 8.00	DRL MEASURED FROM: PAD	GL :
CASING DRILLER : 995	LOGGING UNIT : BWT	
CASING TYPE : STL	FIELD OFFICE : GVL	
CASING THICKNESS: 5	RECORDED BY : JCP	
BIT SIZE : 15	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL :	RM :	TYPE : ANIMB
MATRIX DENSITY :	RM TEMPERATURE :	LOG : 9.
FLUID DENSITY : 1	MATRIX DELTA T : 50	PLOT :
NEUTRON MATRIX :	FLUID DELTA T : 189	THRESH: 4000
REMARKS:		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





LSN ELECTRIC
GAMMA RAY, SP

ASR - 1

COMPANY : DIVERSIFIED DRILLING
WELL : ASR - 1
LOCATION/FIELD : POMPANO BEACH/WTP 2A
COUNTY : BROWARD
STATE : FLORIDA

OTHER SERVICES:
CALIPER

23

DATE : 10/22/96
DEPTH DRILLER : 1015
LOG BOTTOM : 1009.10
LOG TOP : 380.70
CASING DRILLER : 397
CASING TYPE : STEEL
CASING THICKNESS : .5

PERMANENT DATUM : PL
ELEV. PERM. DATUM : N/A
LOG MEASURED FROM: PL
DRL MEASURED FROM: PL
LOGGING UNIT : 1
FIELD OFFICE : DFB
RECORDED BY : M. SCHILLING

TOWNSHIP :
RANGE :
ELEVATIONS
KB : N/A
DF : N/A
GL : N/A

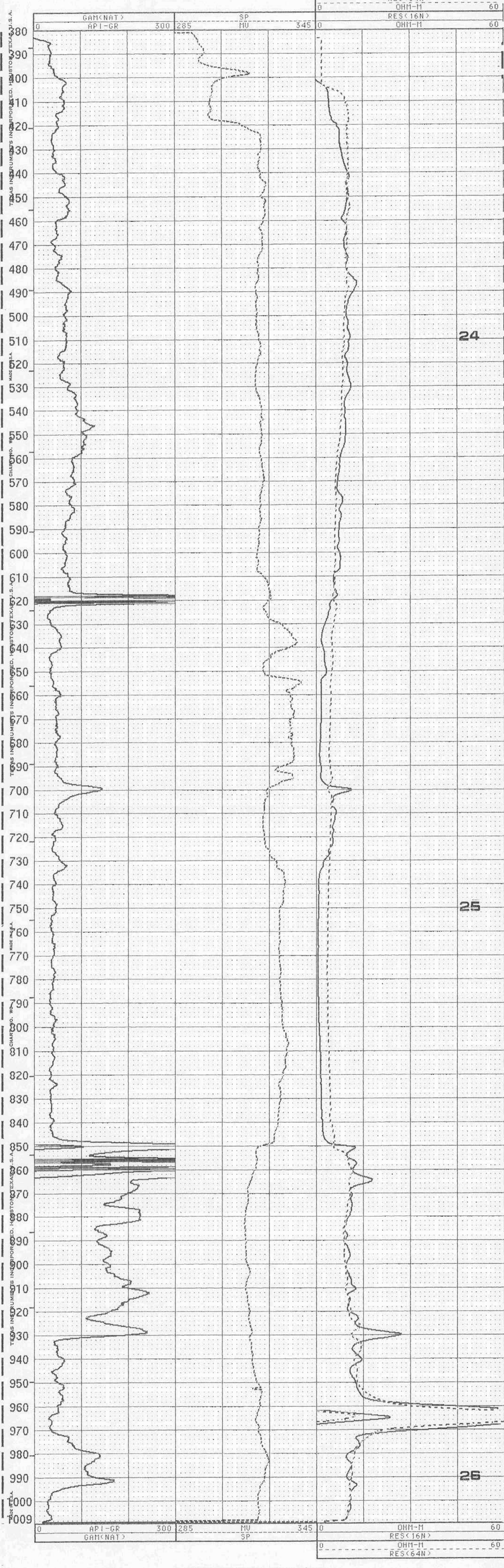
BIT SIZE : 12.25
MAGNETIC DECL. :
MATRIX DENSITY :
FLUID DENSITY :
NEUTRON MATRIX :
REMARKS :

BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T :
FLUID DELTA T :

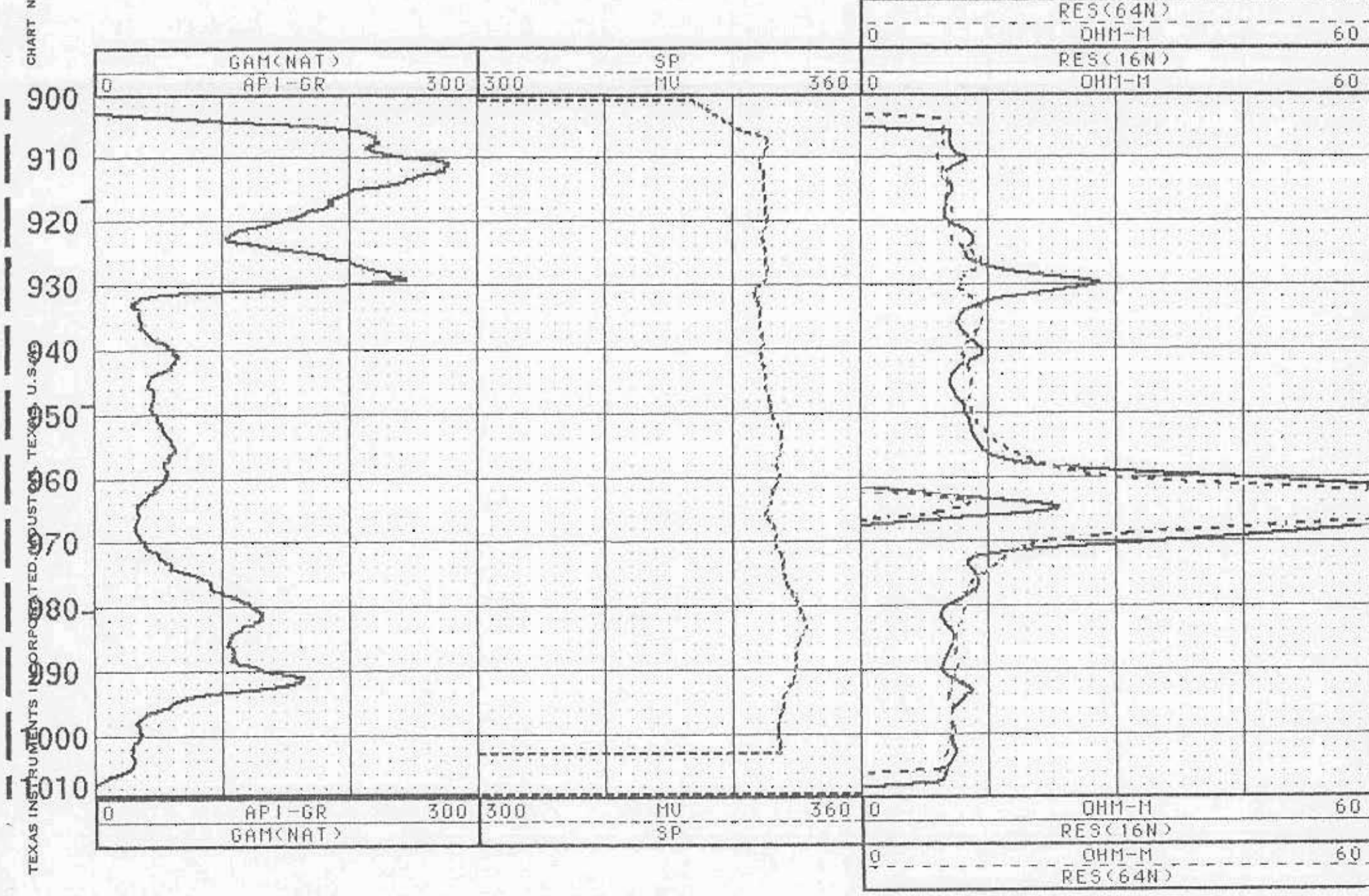
FILE : ORIGINAL
TYPE : 9041A
LOG : 2
PLOT : MARK 0
THRESH : 2500

OBSERVER: JOE SCHMIDT - DIVERSIFIED DRILLING
LOGGED UNDER STATUTE ON PILOT HOLE

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



REPEAT SECTION



CALIPER



ASR - 1

COMPANY : DIVERSIFIED DRILLING
 WELL : ASR - 1
 LOCATION/FIELD : POMPANO BEACH/WTP 2A
 COUNTY : BROWARD
 STATE : FLORIDA
 SECTION :

OTHER SERVICES:
 GAMMA, SP
 LSN ELEC

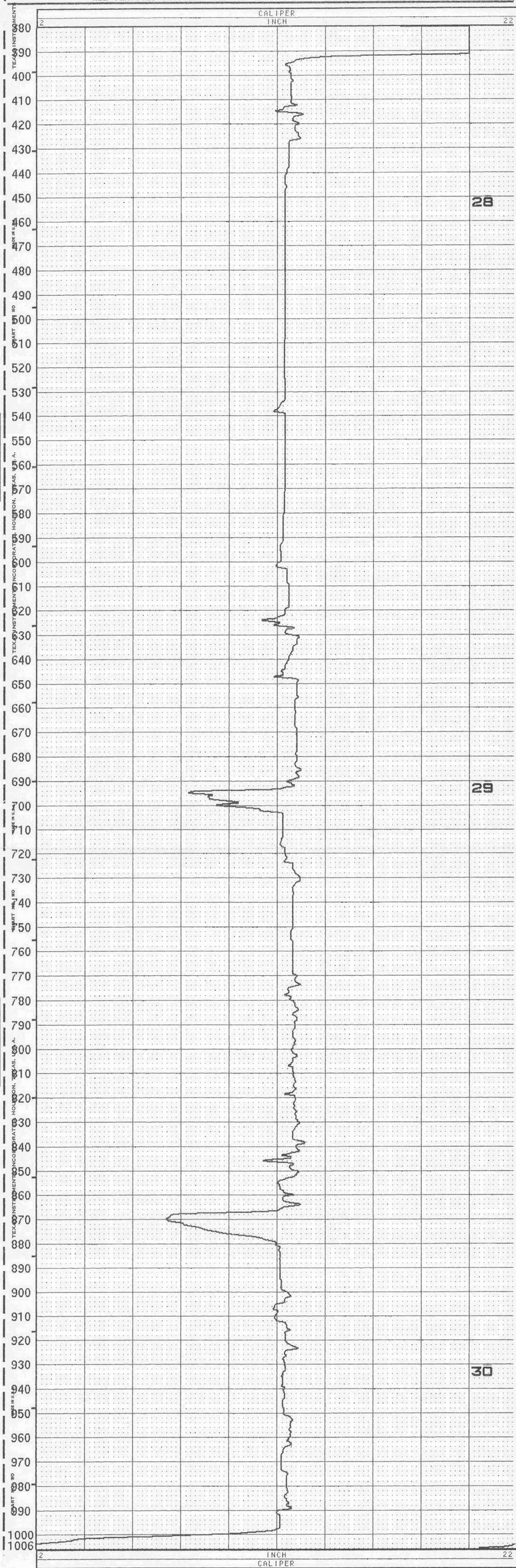
TOWNSHIP : RANGE :

DATE : 10/22/96 PERMANENT DATUM : PL ELEVATIONS
 DEPTH DRILLER : 1015 ELEV. PERM. DATUM: N/A KB : N/A
 LOG BOTTOM : 1006.30 LOG MEASURED FROM: FL DF : N/A
 LOG TOP : 380.20 DRL MEASURED FROM: FL GL : N/A

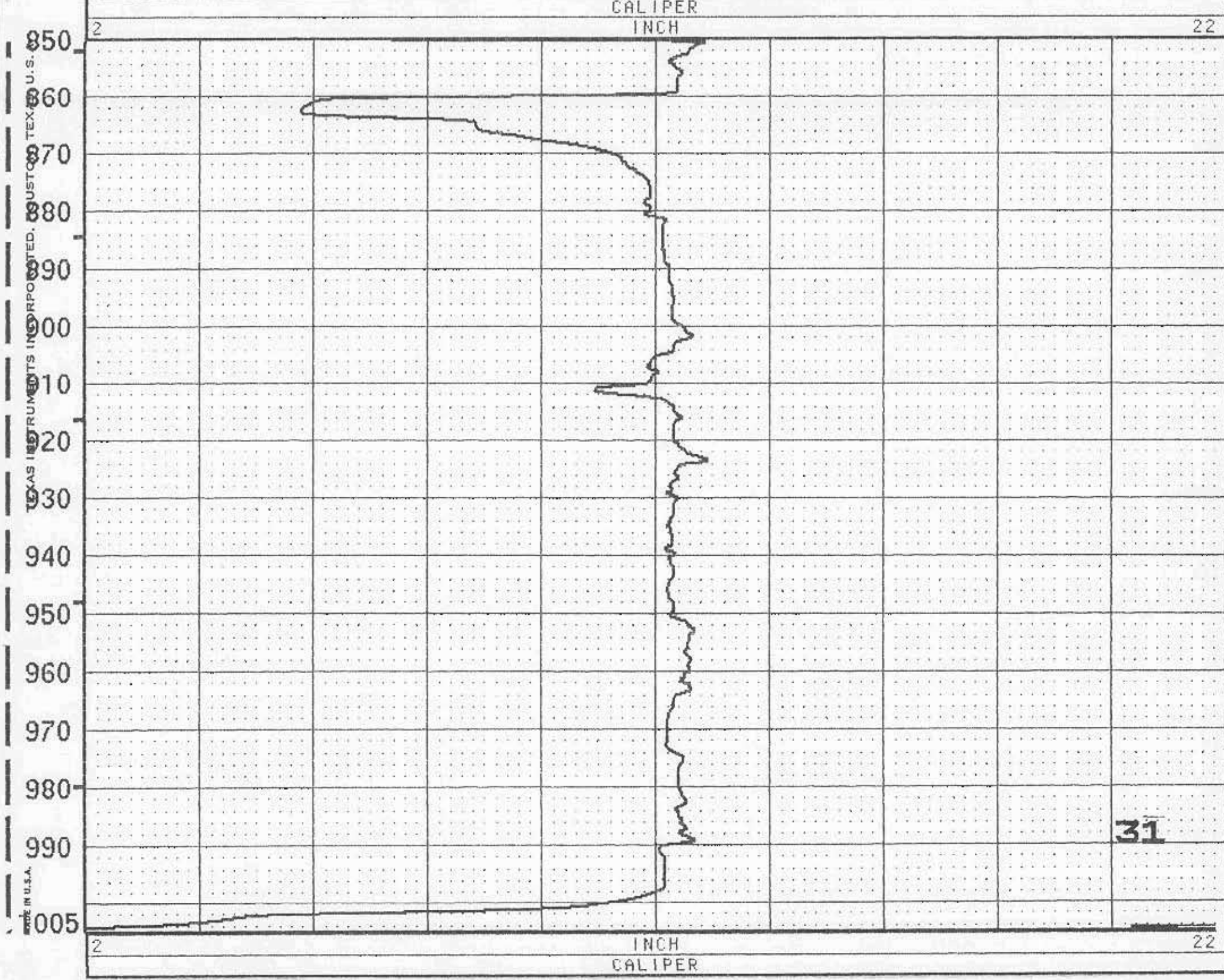
CASING DRILLER : 397 LOGGING UNIT : 1
 CASING TYPE : STEEL FIELD OFFICE : DFB
 CASING THICKNESS: .5 RECORDED BY : M. SCHILLING

BIT SIZE : 12.25 BOREHOLE FLUID : MUD FILE : ORIGINAL
 MAGNETIC DECL. : RM TYPE : 9065A
 MATRIX DENSITY : RM TEMPERATURE : LOG : 0
 FLUID DENSITY : MATRIX DELTA T : PLOT : MARK 2
 NEUTRON MATRIX : FLUID DELTA T : THRESH: 2500

REMARKS :
 OBSERVER: JOE SCHMIDT - DIVERSIFIED DRILLING
 LOGGED UNDER STATIC CONDITIONS ON PILOT HOLE
 ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



REPEAT SECTION



LSN ELECTRIC
GAMMA RAY, SP



ASR - 1

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

COMPANY : DIVERSIFIED DRILLING
WELL : ASR - 1
LOCATION/FIELD : POMPANO BEACH/WTP 2A
COUNTY : BROWARD
STATE : FLORIDA
SECTION :

OTHER SERVICES:
CALIPER

TOWNSHIP : RANGE :

DATE : 10/09/96
DEPTH DRILLER : 430
LOG BOTTOM : 420.50
LOG TOP : 1.80

PERMANENT DATUM : PL
ELEV. PERM. DATUM: N/A
LOG MEASURED FROM: PL
DRL MEASURED FROM: PL

ELEVATIONS
KB : N/A
DF : N/A
GL : N/A

CASING DRILLER : 35
CASING TYPE : STEEL
CASING THICKNESS: .5

LOGGING UNIT : 1
FIELD OFFICE : DFB
RECORDED BY : M. SCHILLING

BIT SIZE : 12.25
MAGNETIC DECL. :
MATRIX DENSITY :
FLUID DENSITY :
NEUTRON MATRIX :
REMARKS :

BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T :
FLUID DELTA T :

FILE : ORIGINAL
TYPE : 9041A
LOG : 6
PLOT : MARK 0
THRESH: 2500

OBSERVER: JOE SCHMIDT - DIVERSIFIED DRILLING
LOGGED UNDER STATIC CONDITIONS ON PILOT HOLE
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

MADE IN U.S.A.
CHART NO. 10

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

CHART NO. 180

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

CHART NO. 200

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

CHART NO. 210

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

CHART NO. 220

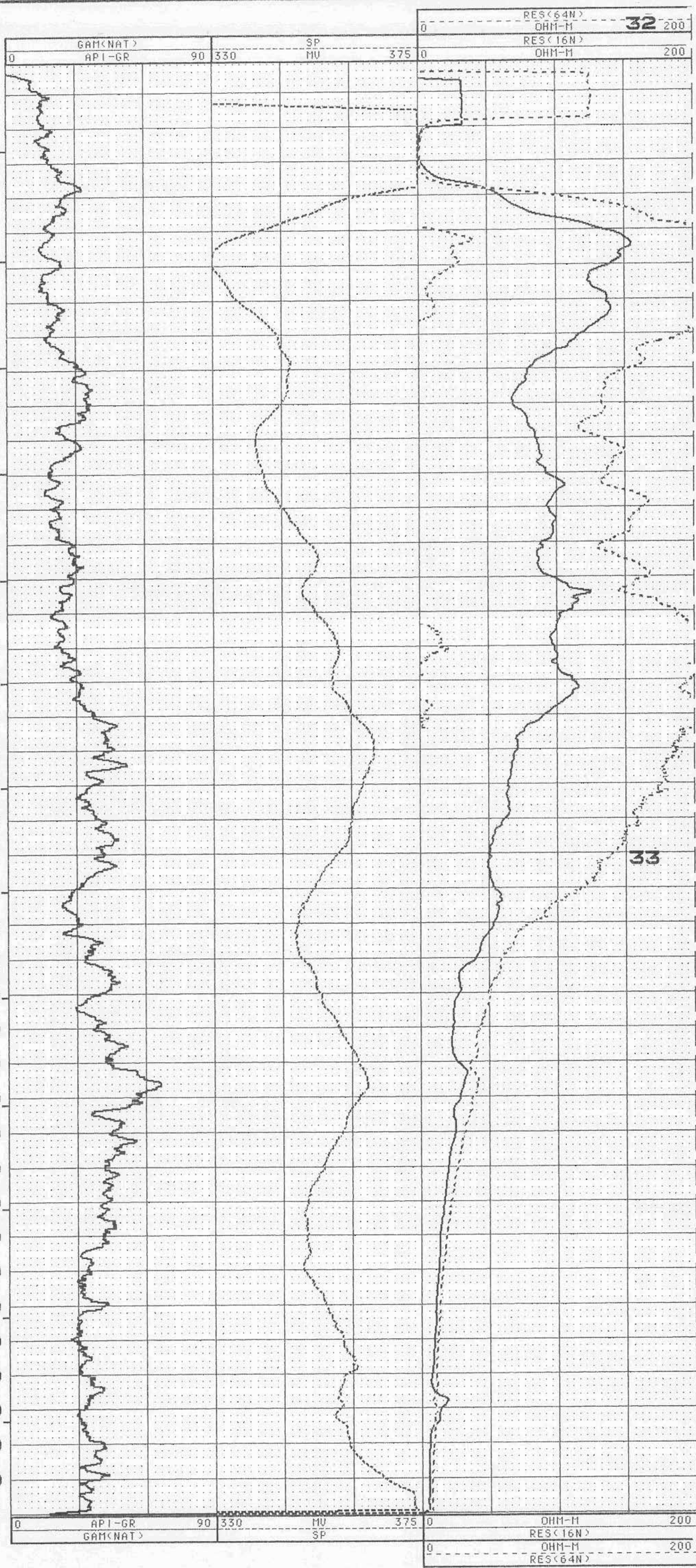
TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

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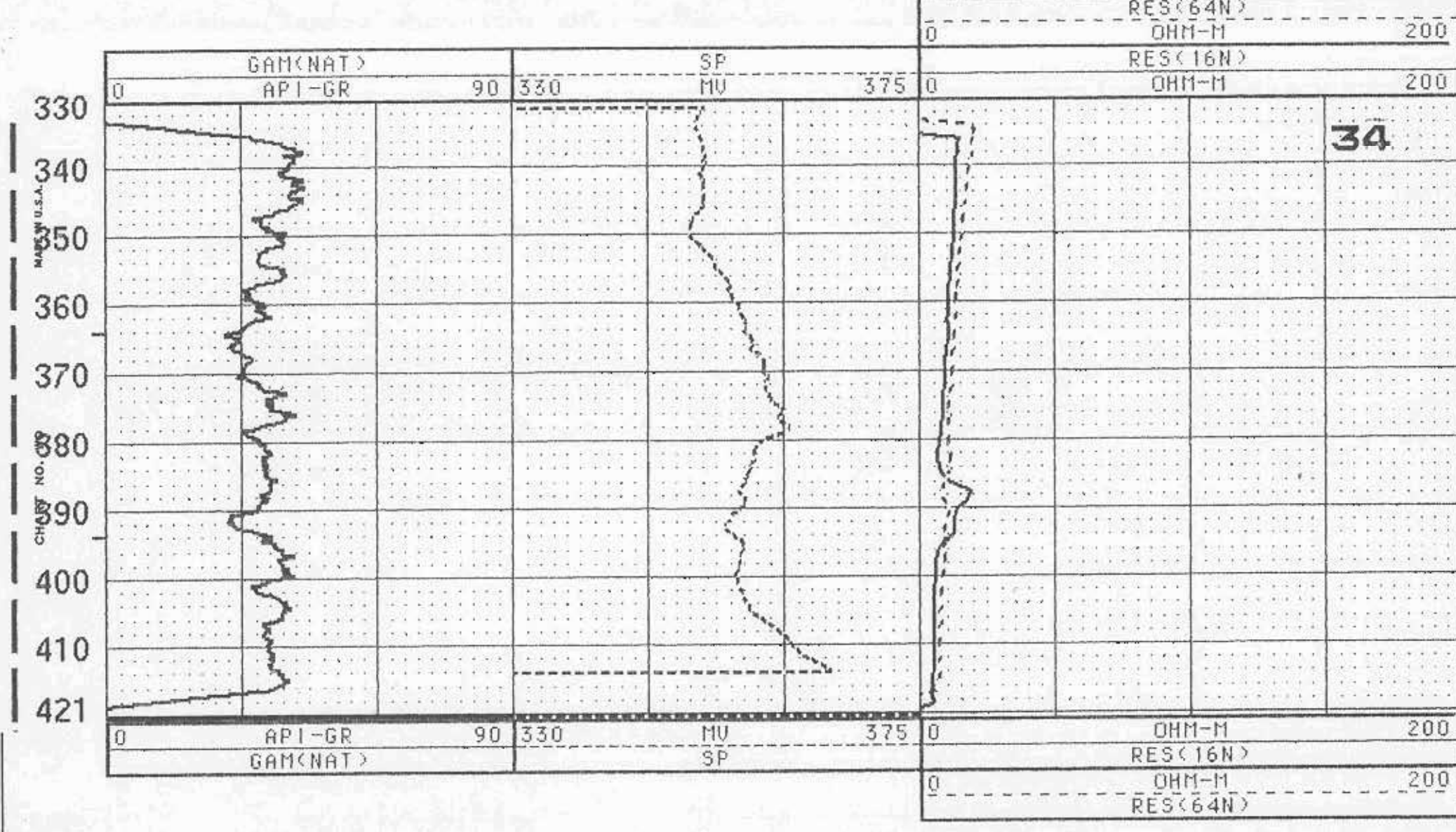
TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

CHART NO. 240

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.



REPEAT SECTION





ASR - 1

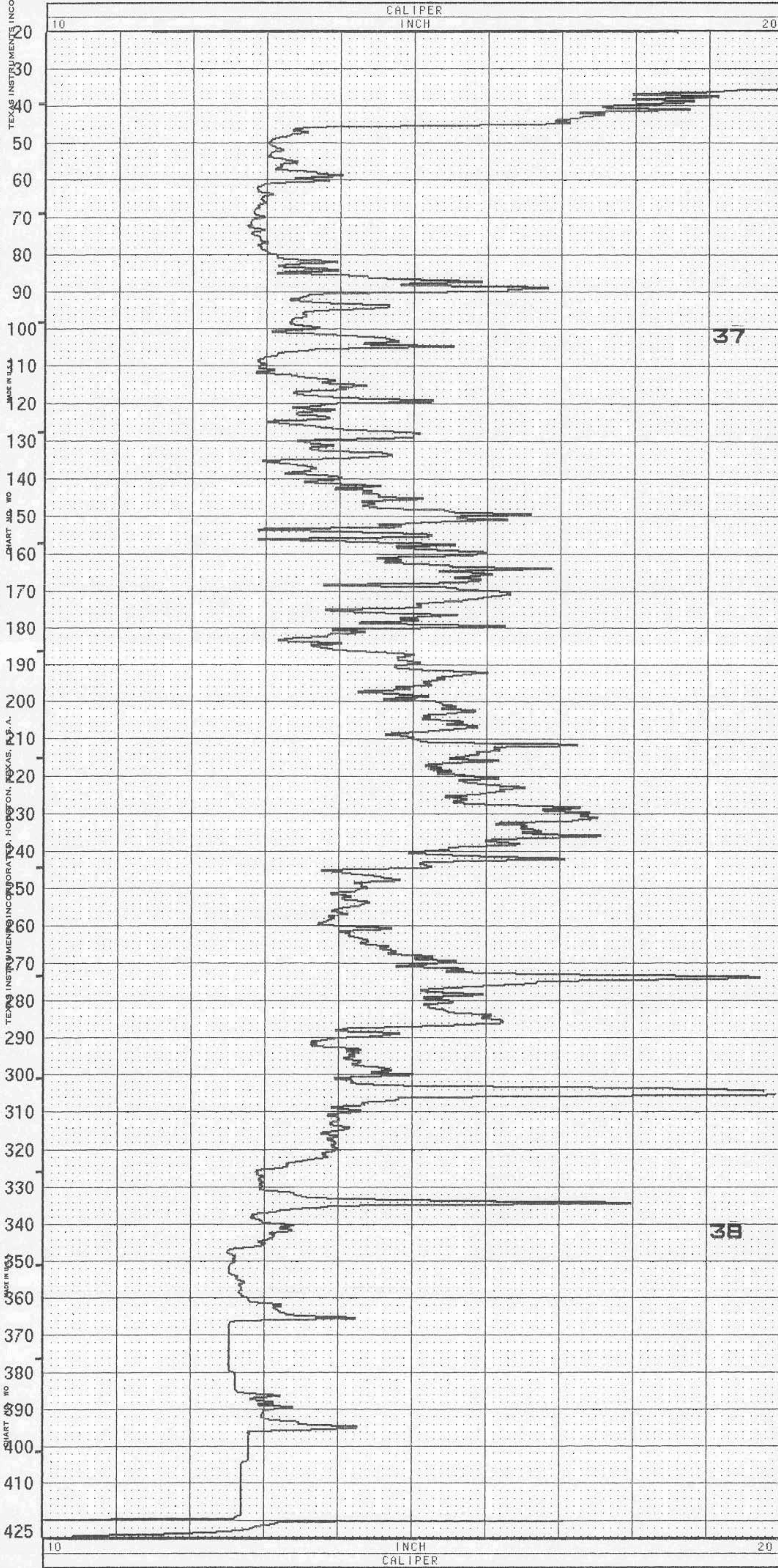
CHART NO. 10

MADE IN U.S.A.

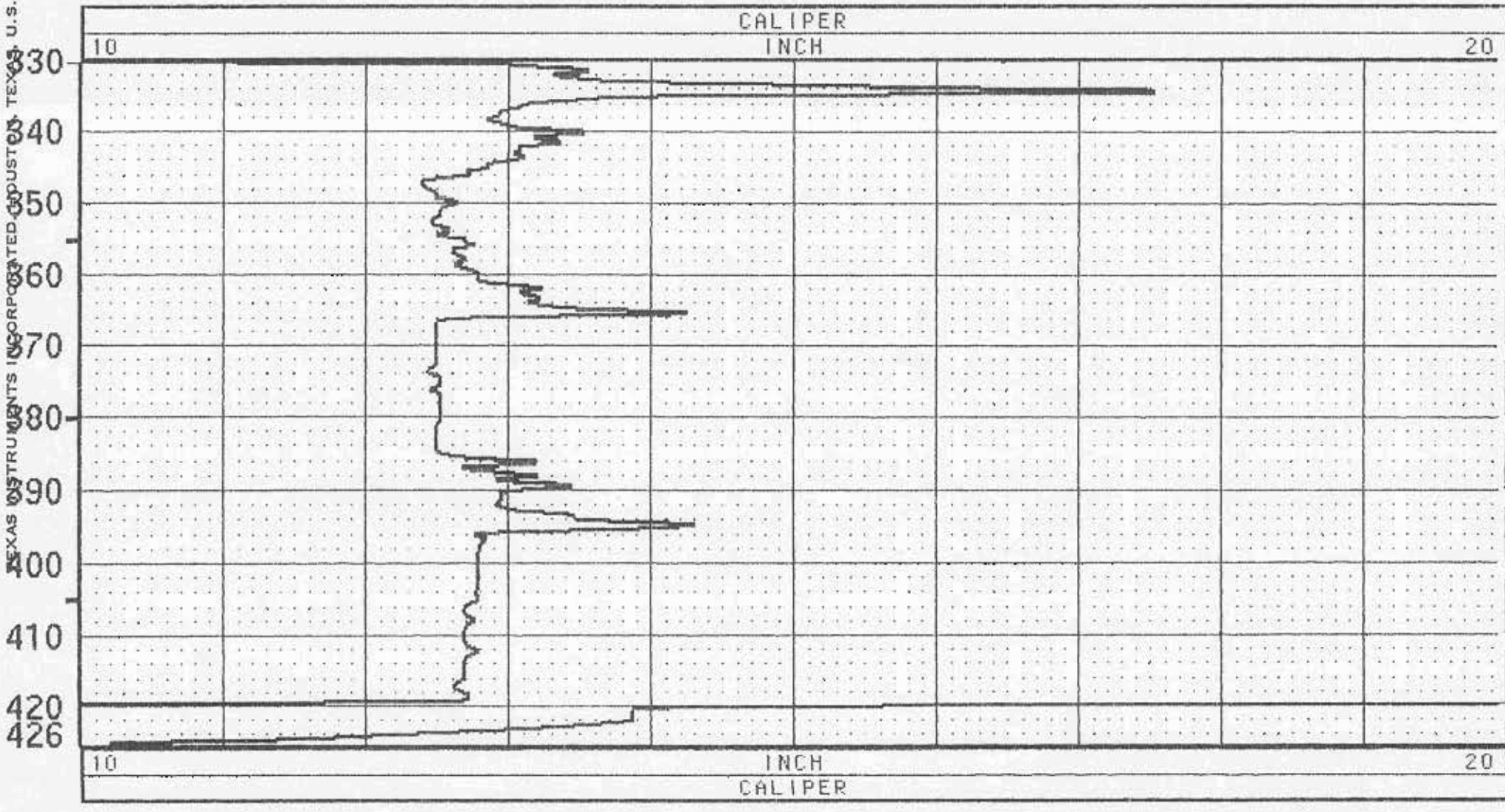
INCORPORATED, HOUSTON, TEXAS, U.S.A.

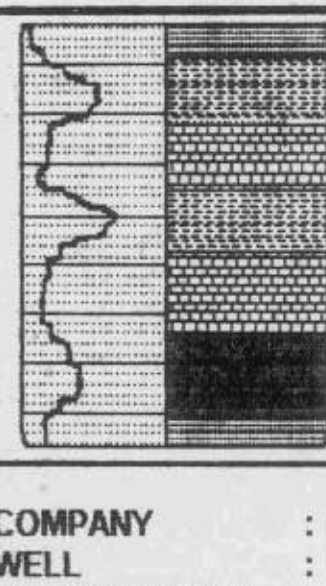
COMPANY : DIVERSIFIED DRILLING	OTHER SERVICES: GAMMA, SP LSN ELEC
WELL : ASR - 1	
LOCATION/FIELD : POMPANO BEACH/WTP 2A	
COUNTY : BROWARD	
STATE : FLORIDA	
SECTION :	TOWNSHIP : RANGE :
DATE : 10/09/96	PERMANENT DATUM : PL ELEVATIONS
DEPTH DRILLER : 430	ELEV. PERM. DATUM: N/A KB : N/A
LOG BOTTOM : 424.50	LOG MEASURED FROM: PL DF : N/A
LOG TOP : 20.30	DRL MEASURED FROM: PL GL : N/A
CASING DRILLER : 35	LOGGING UNIT : 1
CASING TYPE : STEEL	FIELD OFFICE : DFB
CASING THICKNESS: .5	RECORDED BY : M. SCHILLING
BIT SIZE : 12.25	BOREHOLE FLUID : MUD FILE : ORIGINAL
MAGNETIC DECL. :	RM : TYPE : 9065A
MATRIX DENSITY :	RM TEMPERATURE :
FLUID DENSITY :	MATRIX DELTA T :
NEUTRON MATRIX :	FLUID DELTA T :
REMARKS :	THRESH: 2500

OBSERVER: JOE SCHMIDT - DIVERSIFIED DRILLING
 LOGGED UNDER STATIC CONDITIONS ON PILOT HOLE
 ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



REPEAT SECTION





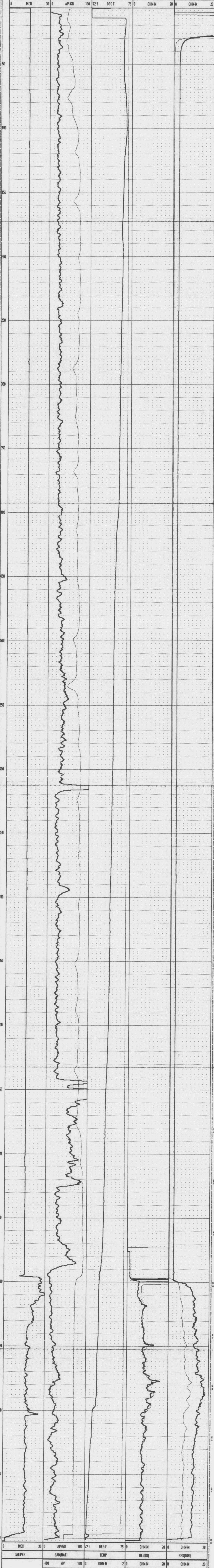
Southern Resource Exploration

P.O. Box 14311
Gainesville, Florida 32604
Phone 352-3725950

ASR-1

COMPANY	: DIVERSIFIED DRILLING INC.	OTHER SERVICES:
WELL	: ASR-1	
LOCATION/FIELD	: POMPANO BEACH WTP 2A	
COUNTY	: BROWARD	
STATE	: FL	
SECTION	:	TOWNSHIP : RANGE :
DATE	: 12/03/96	PERMANENT DATUM : PAD
DEPTH DRILLER	: 1200	ELEV. PERM. DATUM : KB
LOG BOTTOM	: 1202.80	LOG MEASURED FROM: PAD
LOG TOP	: 385.60	DRL MEASURED FROM: PAD
CASING DRILLER	: 995	LOGGING UNIT : BWT
CASING TYPE	: STL	FIELD OFFICE : GVL
CASING THICKNESS	: 5	RECORDED BY : JCP
BIT SIZE	: 15	BOREHOLE FLUID : WATER
MAGNETIC DECL.	:	RM
MATRIX DENSITY	:	RM TEMPERATURE
FLUID DENSITY	: 1	MATRIX DELTA T : 50
NEUTRON MATRIX	:	FLUID DELTA T : 189
REMARKS:		ELEVATIONS: FILE : ORIGINAL
		KB : LOG : ANIMC
		DF : LOG : 4.
		GL : PLOT :
		THRESH: 4000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





ASR - 1

COMPANY : DIVERSIFIED DRILLING
 WELL : ASR - 1
 LOCATION/FIELD : POMPANO BEACH/WTP 2A
 COUNTY : BROWARD
 STATE : FLORIDA
 SECTION :

OTHER SERVICES:
 TEMP
 CALIPER
 FLUIDRES

DATE : 11/15/96
 DEPTH DRILLER : 1203
 LOG BOTTOM : 1205.00
 LOG TOP : 899.50

PERMANENT DATUM : PL
 ELEV. PERM. DATUM: N/A
 LOG MEASURED FROM: PL
 DRL MEASURED FROM: PL

ELEVATIONS
 KB : N/A
 DF : N/A
 GL : N/A

CASING DRILLER : 995
 CASING TYPE : STEEL
 CASING THICKNESS: .5

LOGGING UNIT : 1
 FIELD OFFICE : DFB
 RECORDED BY : M. SCHILLING

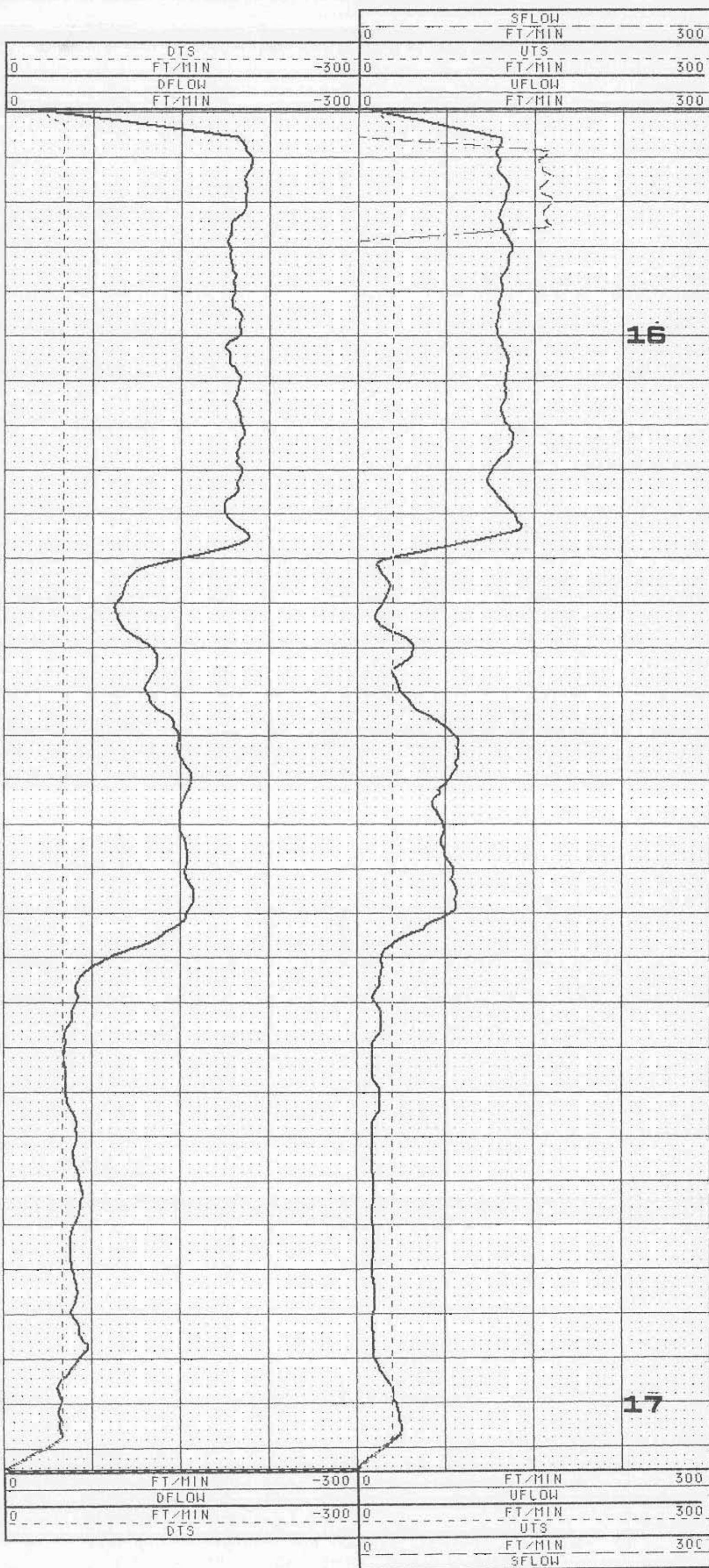
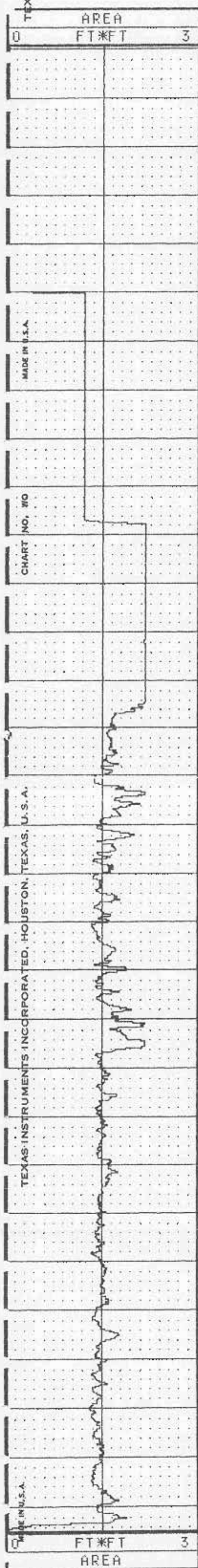
BIT SIZE : 14.75
 MAGNETIC DECL. :
 MATRIX DENSITY :
 FLUID DENSITY :
 NEUTRON MATRIX :
 REMARKS :

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T :
 FLUID DELTA T :

FILE : PROCESSED
 TYPE : 9065A
 LOG : 7
 PLOT : MARK 19
 THRESH: 10000

OBSERVER: JOE SCHMIDT - DIVERSIFIED DRILLING
 LOGGED ON WELL FLOWING AT 1,150 GPM

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



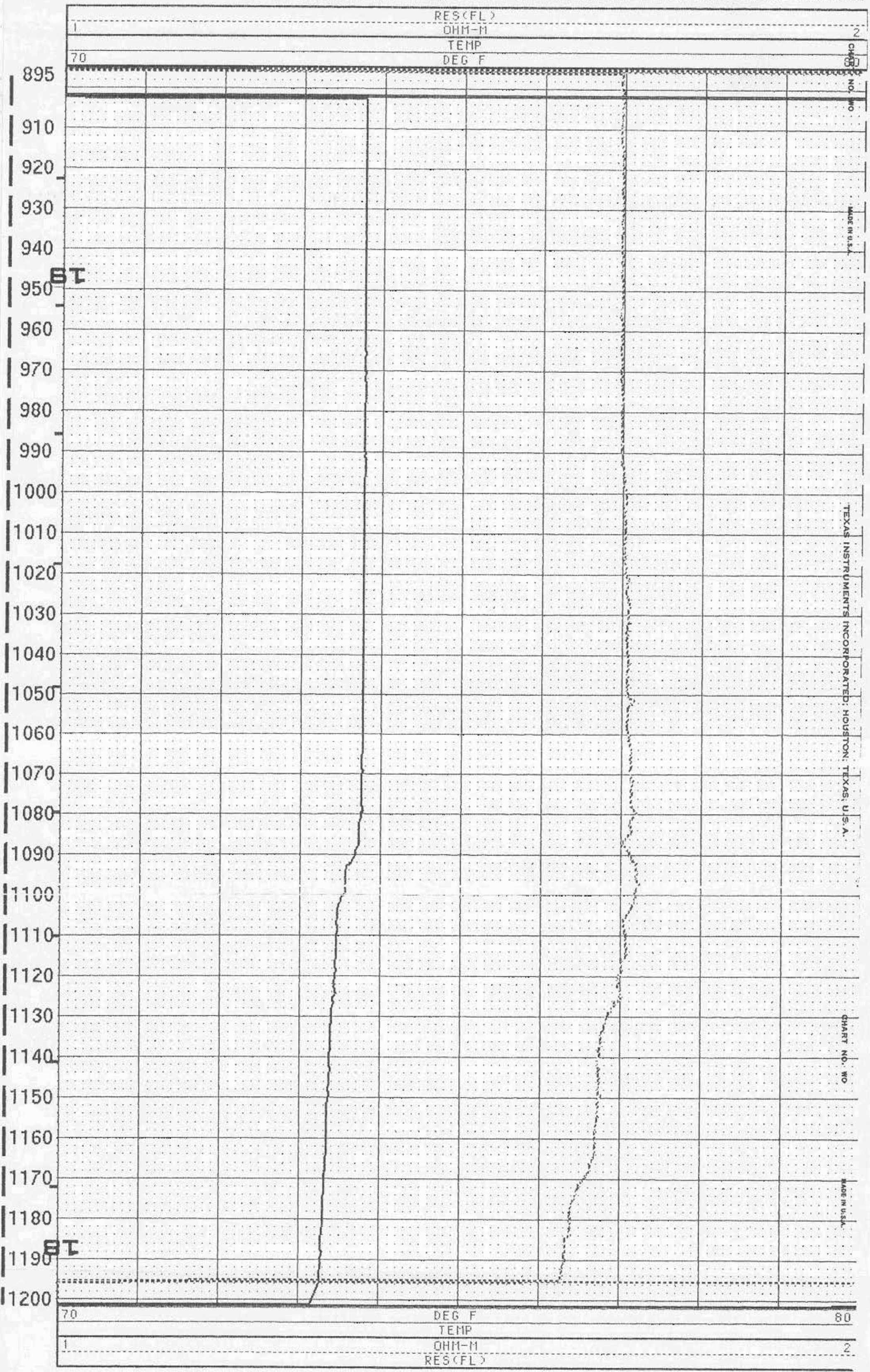


**FLOWING
TEMPERATURE
FLUID RESISTIVITY**

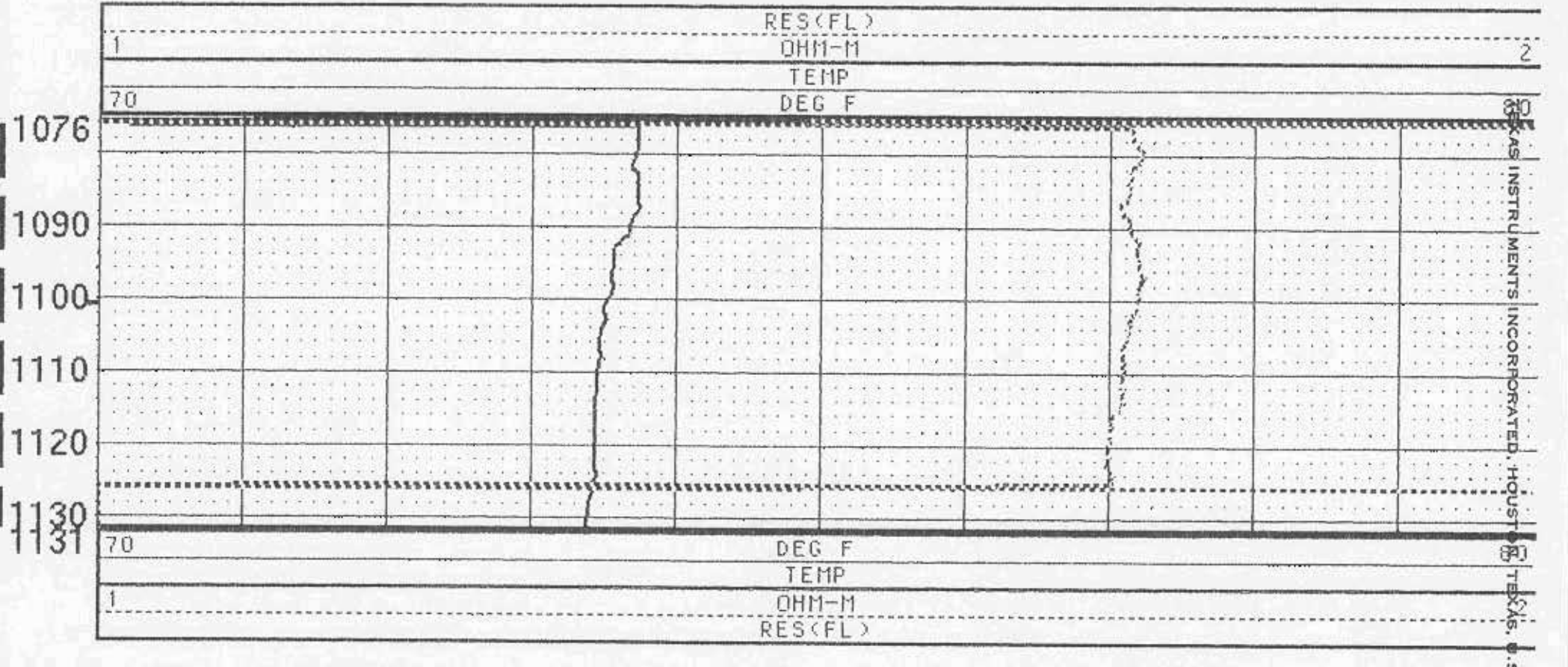
ASR - 1

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

COMPANY : DIVERSIFIED DRILLING		OTHER SERVICES: FLOW CALIPER
WELL : ASR - 1		
LOCATION/FIELD : POMPANO BEACH/WTP 2A		
COUNTY : BROWARD		
STATE : FLORIDA		
SECTION :	TOWNSHIP :	RANGE :
DATE : 11/15/96	PERMANENT DATUM : PL	ELEVATIONS
DEPTH DRILLER : 1203	ELEV. PERM. DATUM: N/A	KB : N/A
LOG BOTTOM : 1201.60	LOG MEASURED FROM: PL	DF : N/A
LOG TOP : 895.40	DRL MEASURED FROM: PL	GL : N/A
CASING DRILLER : 995	LOGGING UNIT : 1	
CASING TYPE : STEEL	FIELD OFFICE : DFB	
CASING THICKNESS: .5	RECORDED BY : M. SCHILLING	
BIT SIZE : 14.75	BOREHOLE FLUID : WATER	FILE : ORIGINAL
MAGNETIC DECL. :	RM :	TYPE : 9041A
MATRIX DENSITY :	RM TEMPERATURE :	LOG : 5
FLUID DENSITY :	MATRIX DELTA T :	PLOT : MARK 4
NEUTRON MATRIX :	FLUID DELTA T :	THRESH: 10000
REMARKS :		
OBSERVER: JOE SCHMIDT - DIVERSIFIED DRILLING		
LOGGED ON WELL FLOWING AT 1,150 GPM		
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS		



REPEAT SECTION



TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

CHART NO. 00

MADE IN U.S.A.

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.



ASR - 1

COMPANY : DIVERSIFIED DRILLING
 WELL : ASR - 1
 LOCATION/FIELD : POMPANO BEACH/WTP 2A
 COUNTY : BROWARD
 STATE : FLORIDA
 SECTION :

OTHER SERVICES:
 FLOW
 TEMP
 FLUIDRES

21

DATE : 11/15/96
 DEPTH DRILLER : 1203
 LOG BOTTOM : 1205.00
 LOG TOP : 950.30

TOWNSHIP :
 PERMANENT DATUM : PL
 ELEV. PERM. DATUM: N/A
 LOG MEASURED FROM: PL
 DRL MEASURED FROM: PL

RANGE :
 ELEVATIONS
 KB : N/A
 DF : N/A
 GL : N/A

CASING DRILLER : 995
 CASING TYPE : STEEL
 CASING THICKNESS: .5

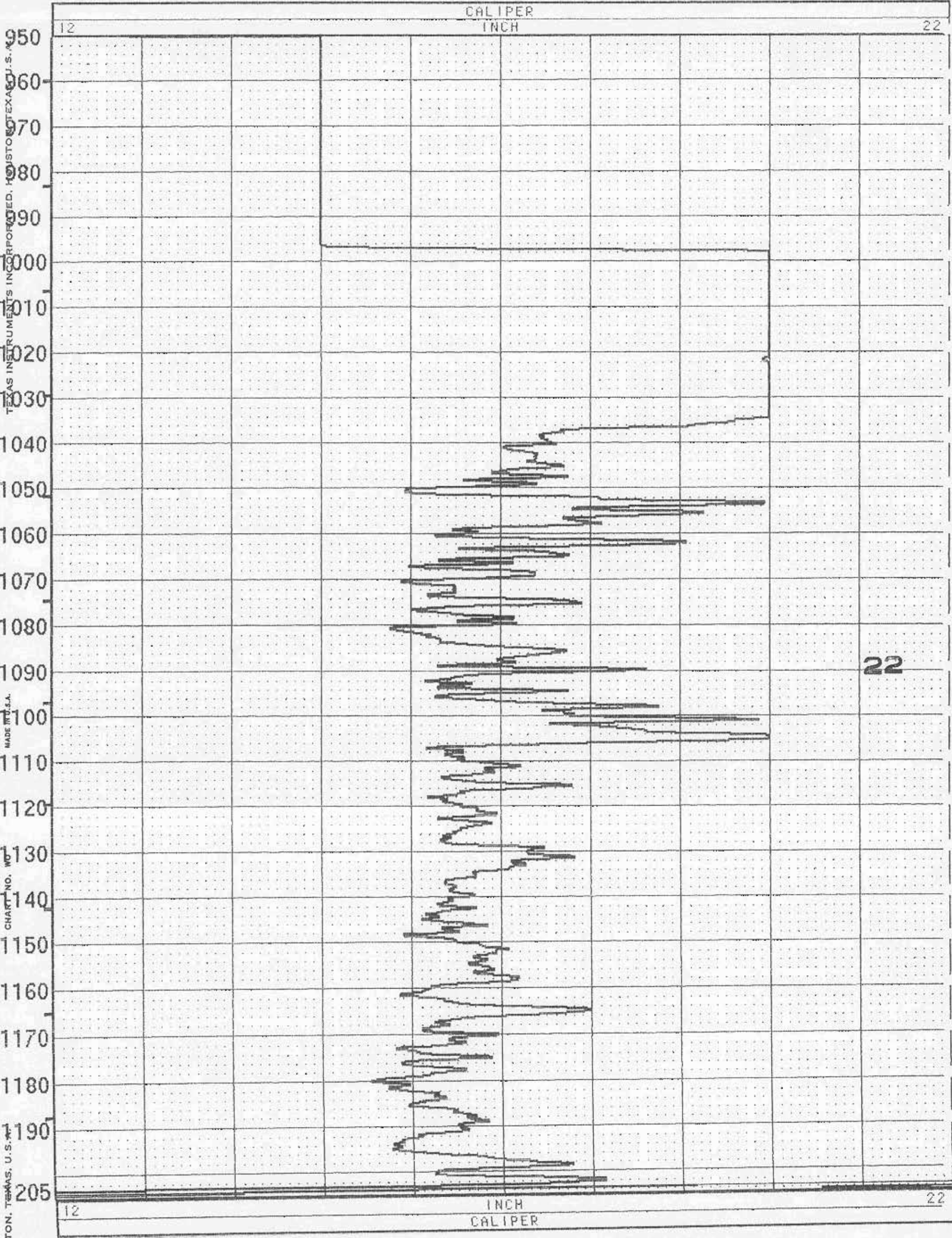
LOGGING UNIT : 1
 FIELD OFFICE : DFB
 RECORDED BY : M. SCHILLING

BIT SIZE : 14.75
 MAGNETIC DECL. :
 MATRIX DENSITY :
 FLUID DENSITY :
 NEUTRON MATRIX :
 REMARKS :

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T :
 FLUID DELTA T :

FILE : ORIGINAL
 TYPE : 9065A
 LOG : 4
 PLOT : MARK 2
 THRESH: 10000

OBSERVER: JOE SCHMIDT - DIVERSIFIED DRILLING
 LOGGED UNDER STATIC CONDITIONS TO ASSIST IN FLOW LOG EVALUATION
 ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



MADE IN U.S.A.

CHART NO. WO

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A.

MADE IN U.S.A.

CHART NO. WO

HOUSTON, TEXAS, U.S.A.