

DISTRICT I
P.O.Box 1990, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107
Revised 4-1-91

DISTRICT II
P.O.Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
P.O.Box 2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, New Mexico 87504-2088

Filing Instructions
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APPLICATION FOR MULTIPLE COMPLETION

Operator **WILLIAMS PRODUCTION COMPANY**

Address **P O BOX 3102, TULSA, 9K 74172**

Lease: **ROSA UNIT** Well No. **26A** Unit Ltr. **O** Sec **32** Twp **31N** Rge **5W** County **RIO ARRIBA**

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Immediate Zone	Lower Zone
a. Name of Pool and Formation	BLANCO MESAVERDE		BASIN DAKTOA
b. Top and Bottom of Pay Section (Perforations)	5452' - 5969'		7915' - 8011'
c. Type of Production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	3 HR IP TEST 2064 MCF/d	RECEIVED NOV 12 1996 OIL CON. DIV. DIST. 3	3 HR IP TEST 1690 MCF/d

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature S. Griguhn

Printed Name & Title S. Griguhn, Office Assistant

Date November 11, 1996 Telephone 918/561-6254

OIL CONSERVATION DIVISION

Approved by: Z. S.

Title: SUPERVISOR DISTRICT #3

Date: NOV 12 1996

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval — See rule 112-A-B — Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval — See Rule 112-C — Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

WELLBORE DIAGRAM

ROSA UNIT #26A

MV/DK

Location: 860' FSL, 1465' FEL
SW/4 SE/4 Section 32, T31N, R5W
Rio Arriba Co., NM

Elevation = 6495' GR
KB = 14'

TOPS	DEPTH
OJO ALAMO	2586'
KIRTLAND	2711'
FRUITLAND	3023'
PICTURED CLIFFS	3300'
LEWIS	3597'
CLIFF HOUSE	5467'
MENEFEE	5520'
POINT LOOKOUT	5748'
MANCOS	5881'
GALLUP	7746'
GREENHORN	7785'
GRANEROS	7785'
DAKOTA	7896'

STIMULATION

Cliff House/Menefee: 5452' - 5701'

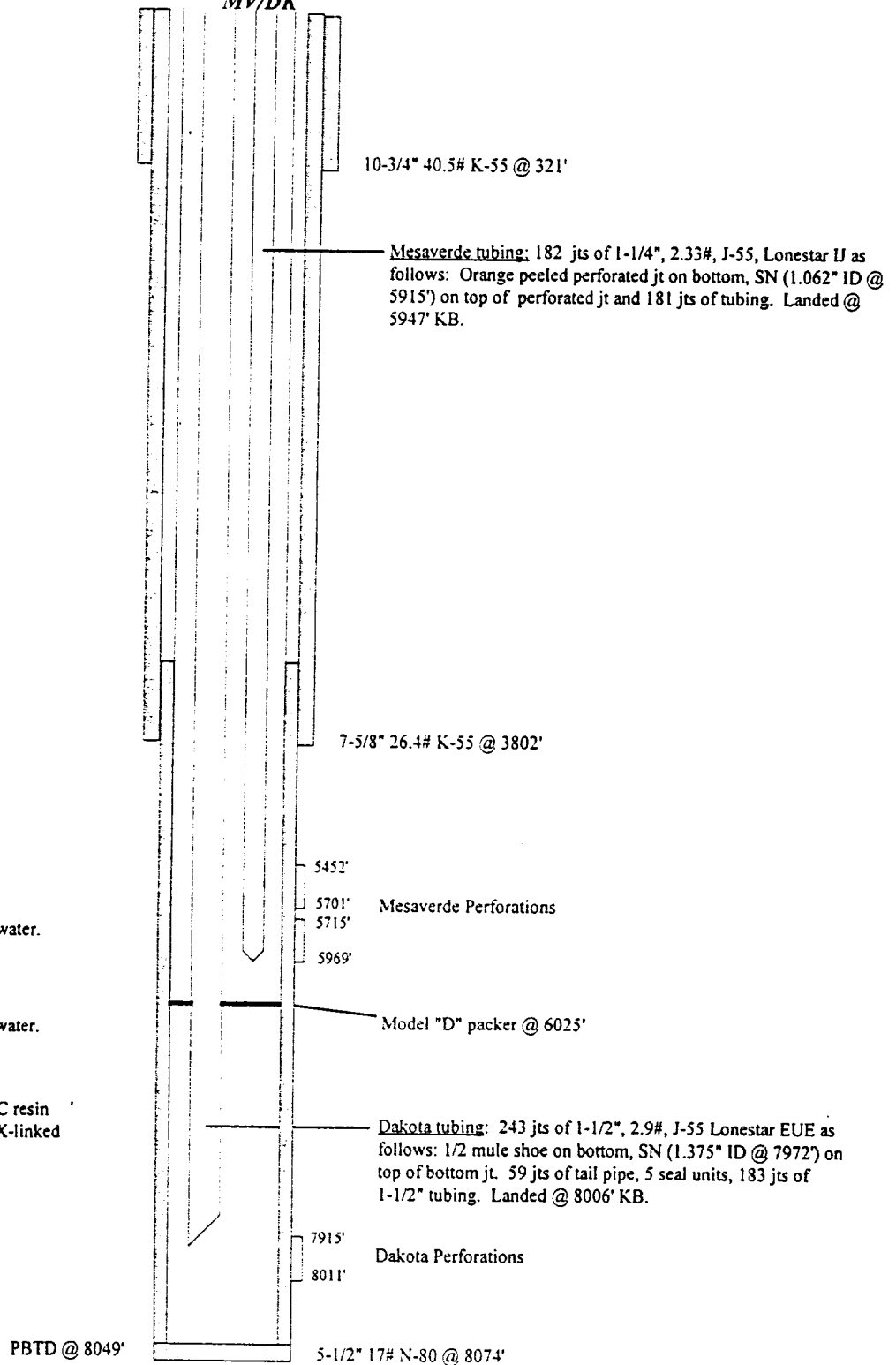
80,000# of 20/40 sand in 1772 BBL's of slick water.

Point Lookout: 5715' - 5969'

80,000# of 20/40 sand in 1921 BBL's of slick water.

Dakota: 7915' - 8011'

70,000# of 20/40 sand & 10,000# of 20/40 SDC resin coated sand in 703 BBL's of 35# CMHPG gel X-linked with Zirconium in a 60 quality foam.



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.5#	285 sx	336 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	830 sx	1499 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	435 sx	602 cu.ft.	3210' (CBL)

OFFSET OPERATORS
ROSA UNIT #26A
O-32-31N-5W

1. Lease: Rosa Unit

Operator: Williams Production Company, PO Box 3102, Tulsa OK, 74101

2. Lease: San Juan 30-5 Unit

Operator: Phillips Petroleum Company, 5525 Hwy 64, Farmington NM



SPECTRAL DENSITY
DUAL SPACED NEUTRON

COMPANY WILLIAMS PRODUCTION COMPANY

WELL ROSA UNIT #26A

FIELD BLANCO MESAVERDE/BASIN DAKOT

COUNTY RIO ARriba STATE NM

COMPANY WILLIAMS PRODUCTION COMPANY

WELL ROSA UNIT #26A

FIELD BLANCO MESAVERDE/BASIN DAKOTA

COUNTY RIO ARriba STATE NM

API No. 30-039-25580
Location 8890 FSL & 1485 FEL

Other Services
HRI
HRTT
DSEN RUN 2

Sect 32 Twp 31N Rge 05W

Permanent Datum G.L. Elev 8495

Log measured from K.B. . 14 ft. above perm. datum

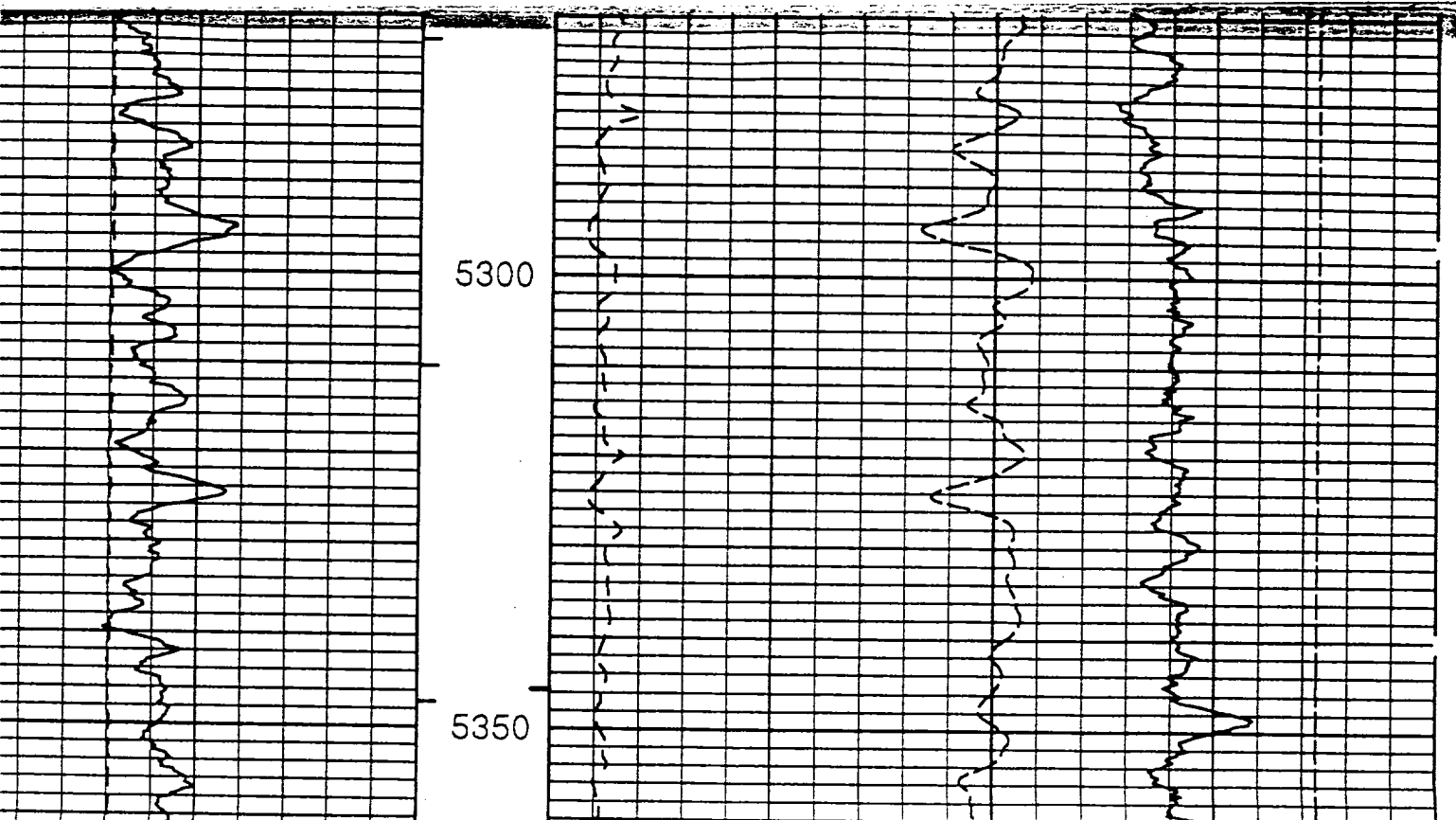
Drilling measured from K.B.

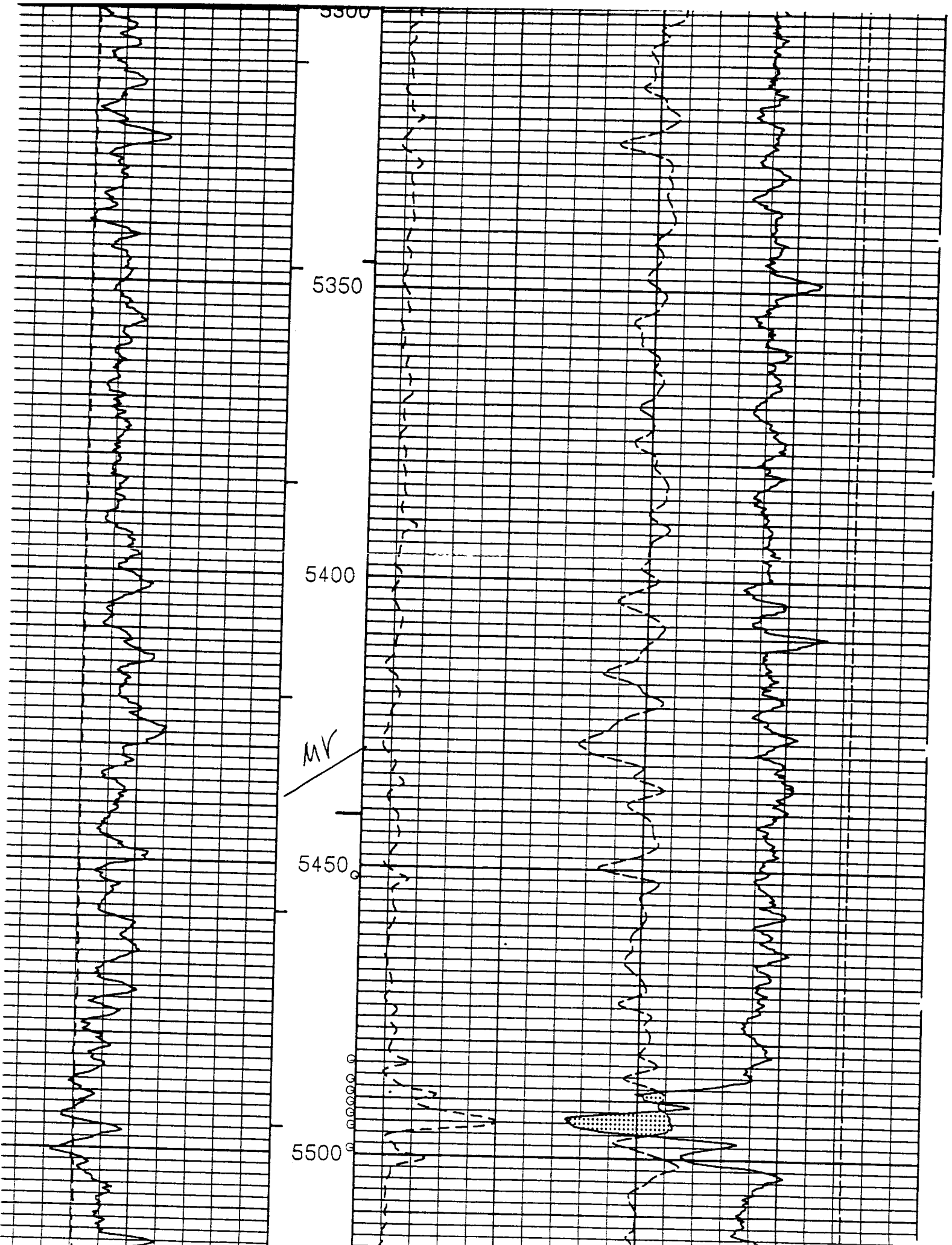
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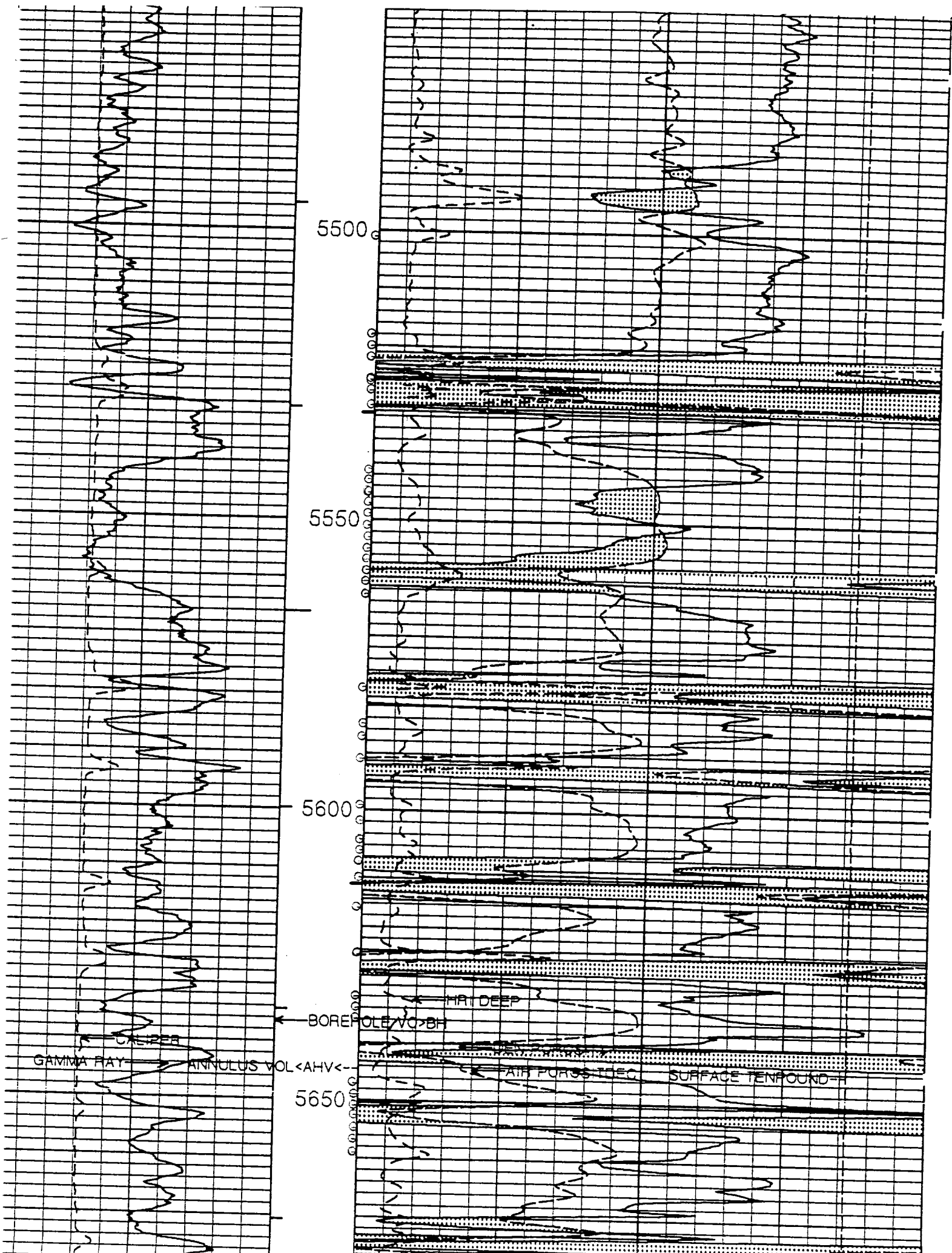
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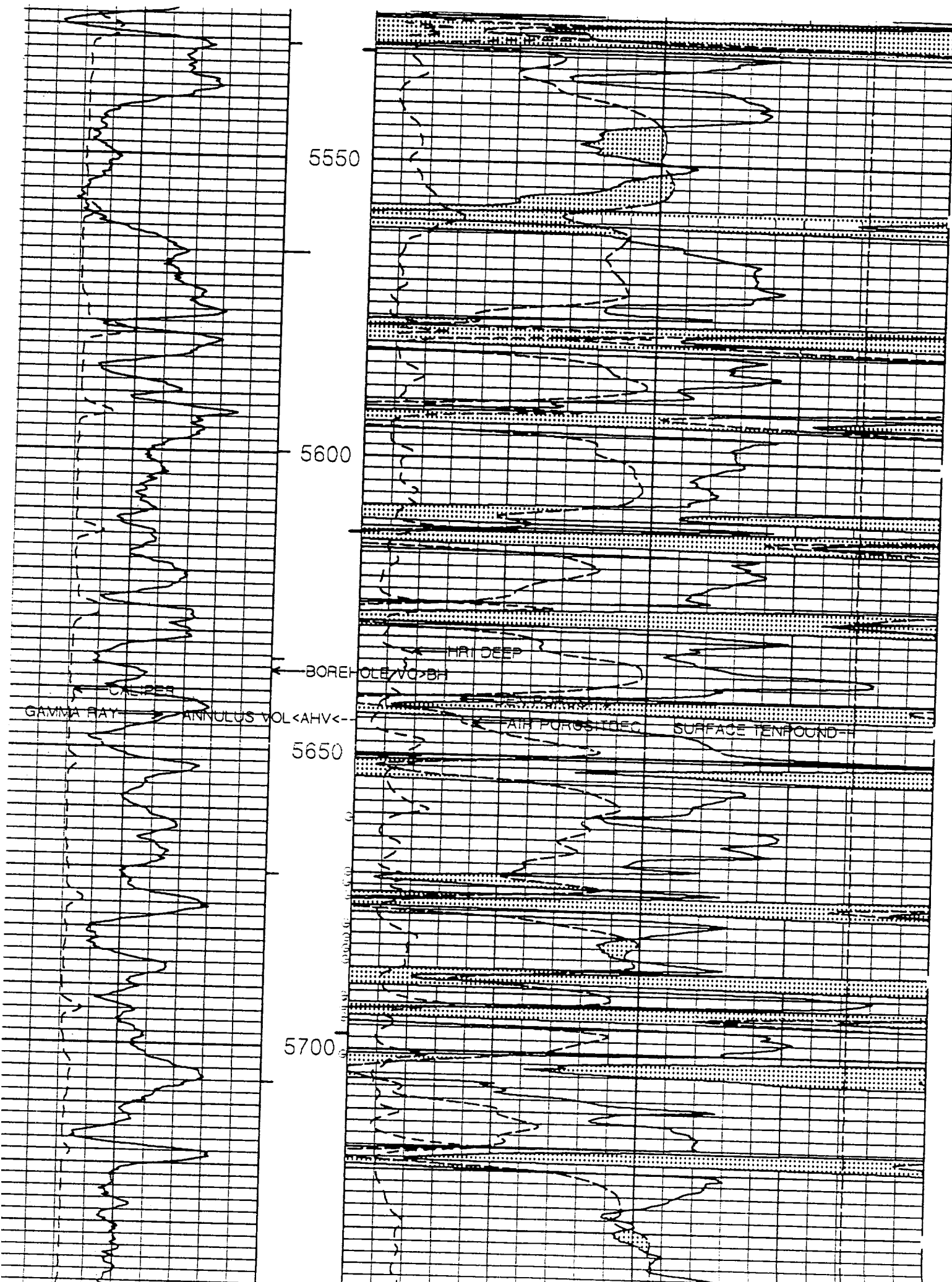
G.L. 8495

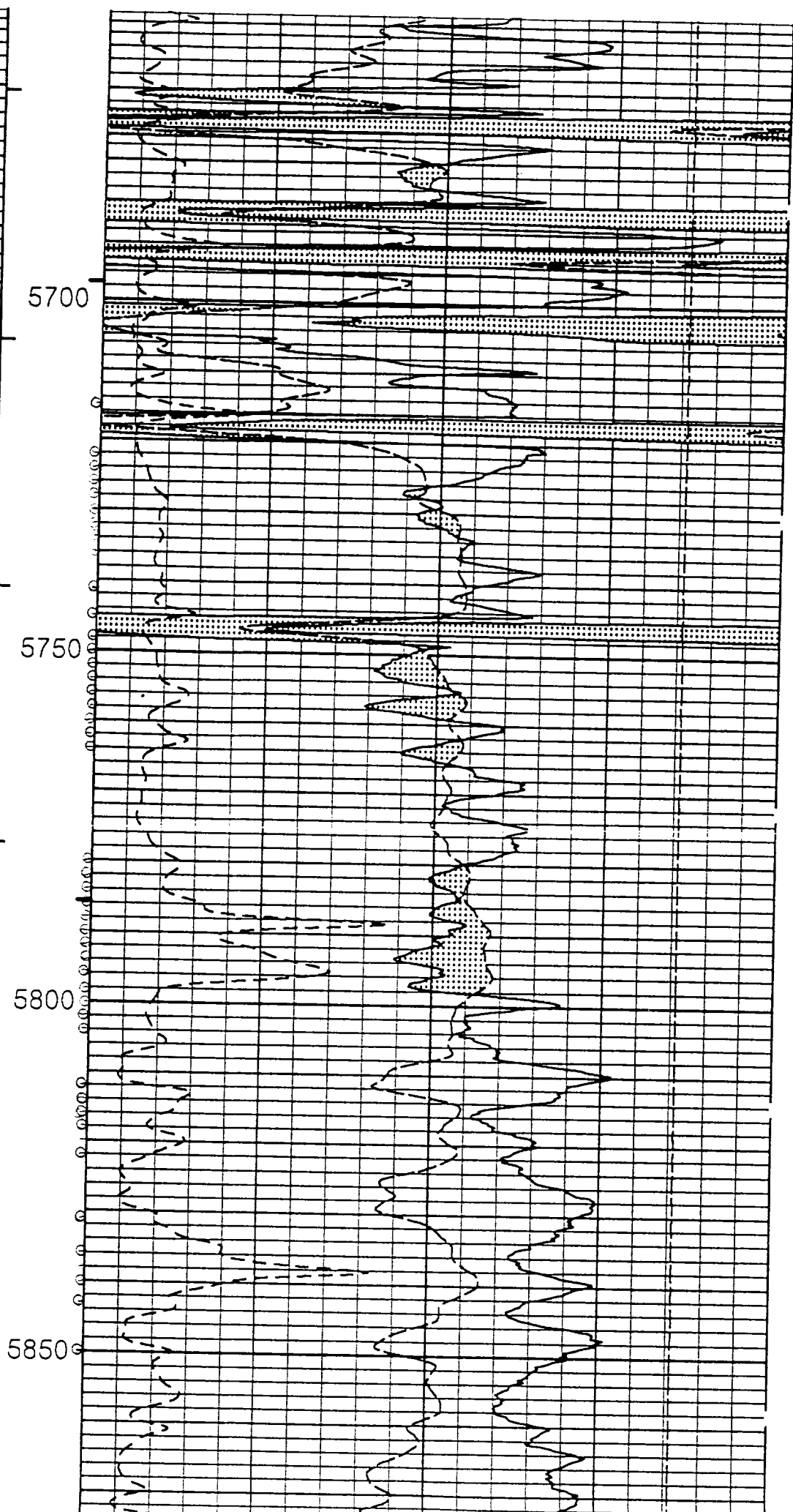
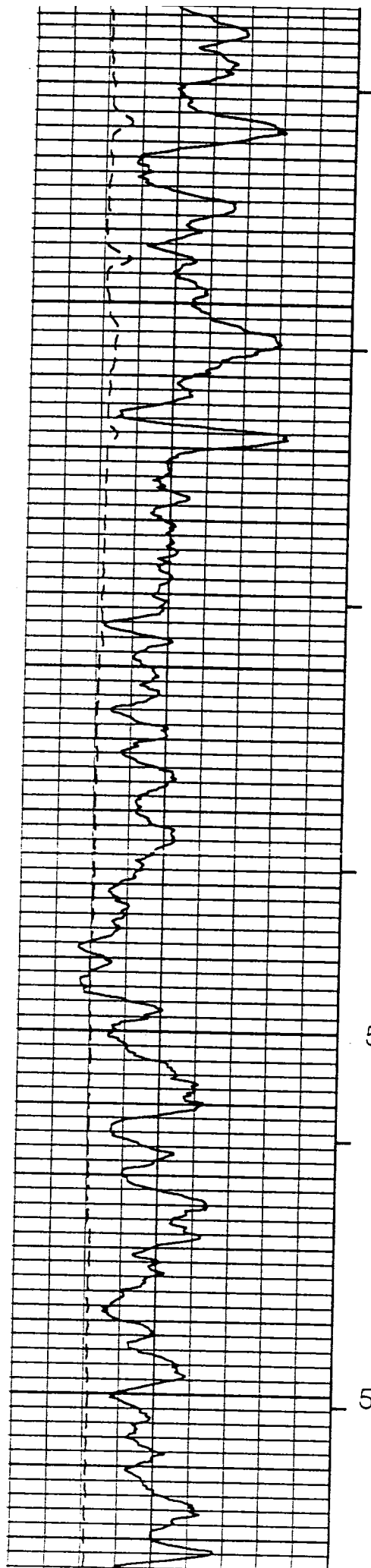
Date	9-22-98	9-27-98		
Run No.	ONE	TWO		
Depth - Driller	3802	8078		
Depth - Logger	3802	8070		
Bottom - Logged Interval	3783	8085		
Top - Logged Interval	2740	5050		
Casing - Driller	10.75 @ 321	7.825 @ 3802	@	@
Casing - Logger	322	3801		
Bk Size	9.875"	8.75"		
Type Fluid In Hole	LSND	AIR		
Dens. I Visc.	8.7 I 78	N/A I N/A	I	I
Ph I Fluid Loss	9.0 I 14	N/A I N/A	I	I
Source of Sample	FLOWLINE	N/A		
Rm @ Meas. Temp.	.86 @ 78	N/A @ N/A	@	@
Fmrt @ Meas. Temp.	.85 @ 78	N/A @ N/A	@	@
Fmc @ Meas. Temp.	1.07 @ 78	N/A @ N/A	@	@
Source Fmrt I Fmc	MEAS I MEAS	N/A I N/A	I	I
Rm @ BHT	.54 @ 128	N/A @ N/A	@	@
Time Since Circ.	3 HOURS	11 HOURS		
Time on Bottom	17:30	7:51		
Max. Rec. Temp.	129 @ TD	220 @ TD	@	@
Equip. I Location	51843 I FAIRM	53548 I FAIRM	I	I
Recorded By	M. BREWER	P. BAKER		

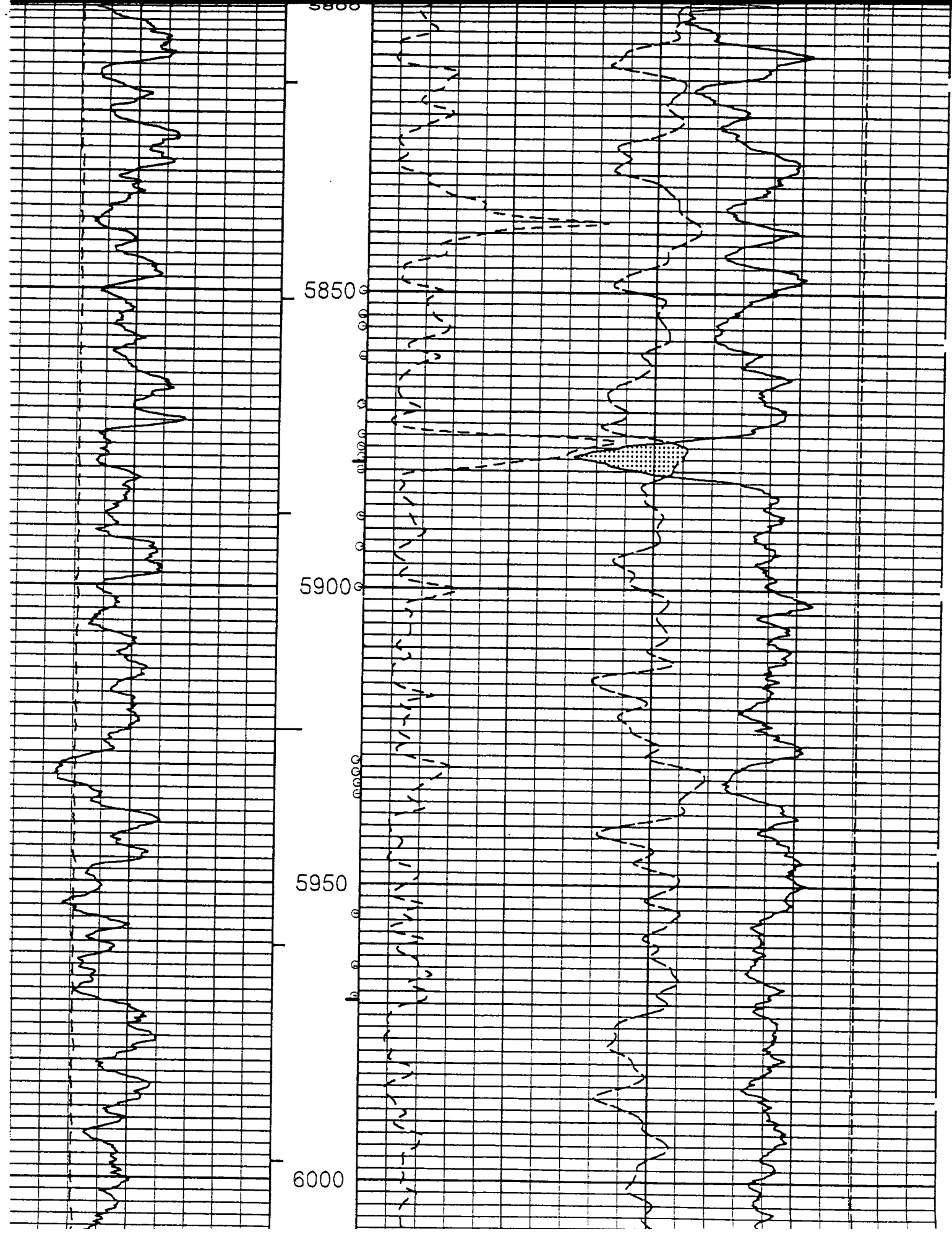


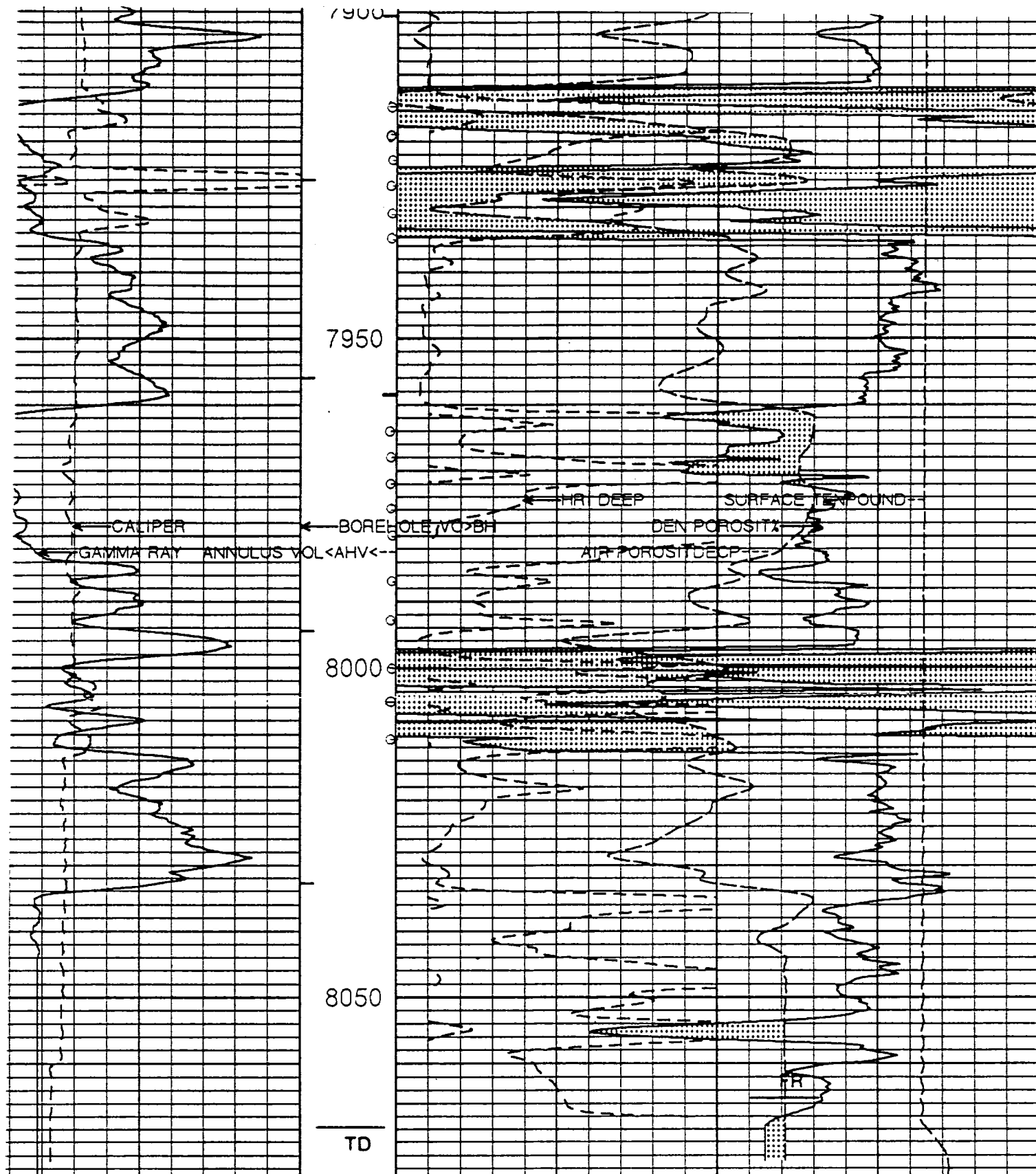












		HRT DEEP OHMM		SURFACE TEN POUND POUNDS	
CALIPER INCHES	14	BOREHOLE VOL > BHV<	30.	DEN POROSITY %	-10
GAMMA RAY APICOUNTS	200	ANNUUS VOL < AHV <	3	AIR POROSITY DECP DECP	-1

Version No: : hc:2.0

Top Depth: 7500.00

Data File: hrmain.cls

Bottom Depth: 8077.00

Control File: /field_data/data2/0927_0736_s2400/SDLHRTDEEP.spc

