

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #235

FIELD: Nash Draw (Delaware)

County: Eddy State: New Mexico

County: Eddy
Field: Nash Draw (Delaware)
Location: 1980' FSL & 1930' FWL
Well: Poker Lake Unit #235
Company: Bass Enterprises Production Co

Schlumberger
Platform Express
Three Detector Litho-Density
Compensated Neutron / GR

1980' FSL & 1930' FWL
Elev.: K.B. 3181 ft
G.L. 3164 ft
D.F. 3180 ft

Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elev.: 3164 ft
17.0 ft above Perm. Datum

API Serial No. 30-015-34309
Section 30
Township 24S
Range 30E

Logging Date 28-Apr-2006

Run Number One

Depth Driller 7500 ft

Schlumberger Depth 7504 ft

Bottom Log Interval 7486 ft

Top Log Interval 200 ft

Casing Driller Size @ Depth 8.625 in @ 635 ft

Casing Schlumberger 622 ft

Bit Size 7.875 in

Type Fluid In Hole Emulsion

Density 9 lbm/gal 54 s

Fluid Loss PH 64 cm3 9

Source Of Sample Circulation Tank

RM @ Measured Temperature 0.136 ohm.m @ 98 degF

RMF @ Measured Temperature 0.102 ohm.m @ 98 degF

RMC @ Measured Temperature @ @

Source RMF Measured 0.110 @ 123 0.082 @ 123

RMF @ MRT 123 degF

Recorded Temperatures 28-Apr-2006 14:00

Bottom 28-Apr-2006 21:45

Location 3178 Roswell

Shawnee Burdick

Brian Pregger

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_012LUP FN:11 PRODUCER 28-Apr-2006 22:19 7512.0 FT 189.0 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 4434.56 F3
Cement Volume = 3301.23 F3 (assuming 5.50 IN casing O.D.)
Computed from 7504.0 FT to 635.0 FT using data channel(s) HCAL

OP System Version: 12C0-301
MCM

HILTB-CTS SRPC-2699-HILT

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	627.2 00:29:51
GCSE	BS	HCAL	598.1 00:30:37

PIP SUMMARY

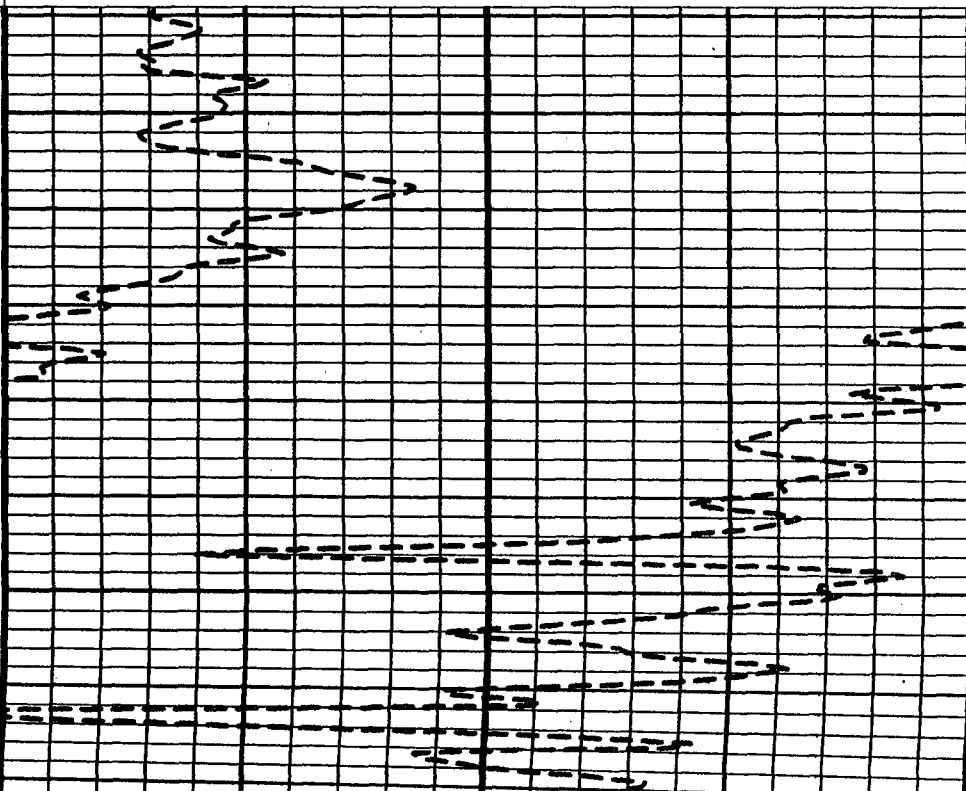
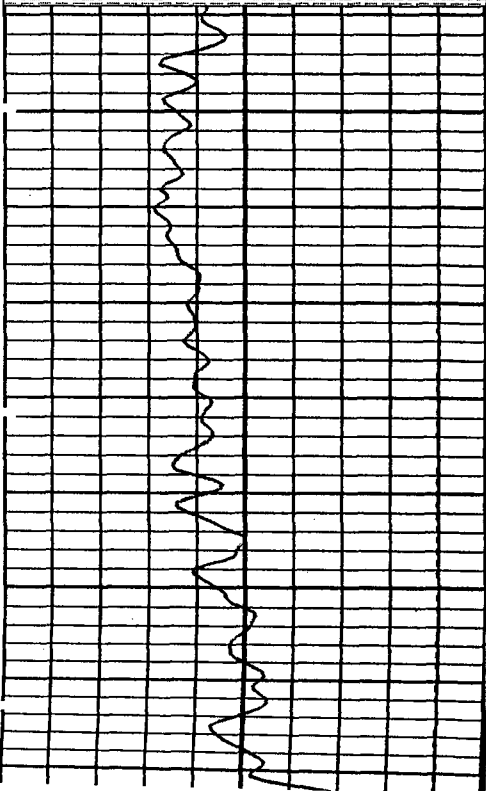
- Integrated Borehole Volume Every 10 F3
- Integrated Borehole Volume Every 100 F3
- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

Main Pass 5" = 100'

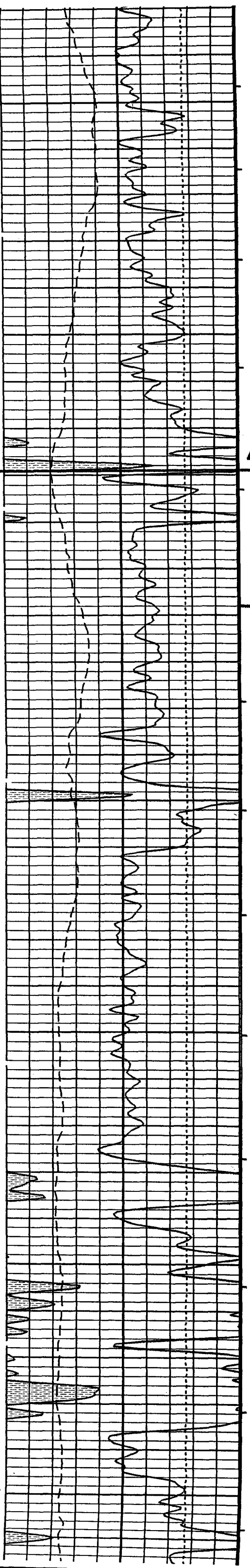
Time Mark Every 60 S

Cable Tension (TENS) (LBF)	0
HRMS Caliper (HCAL) (IN)	16
GR (GR) (GAPI)	100
Gamma Ray on Backup	

Thermal Neutron Porosity (TNPH) (V/V)	-0.1
Stan Res Formation Pe Factor (PEFZ) (—)	10
HRDD Density Correction (HDRA) (G/C3)	0.45
Stan Res Density Porosity [2.71] (DPHZ) (V/V)	-0.1



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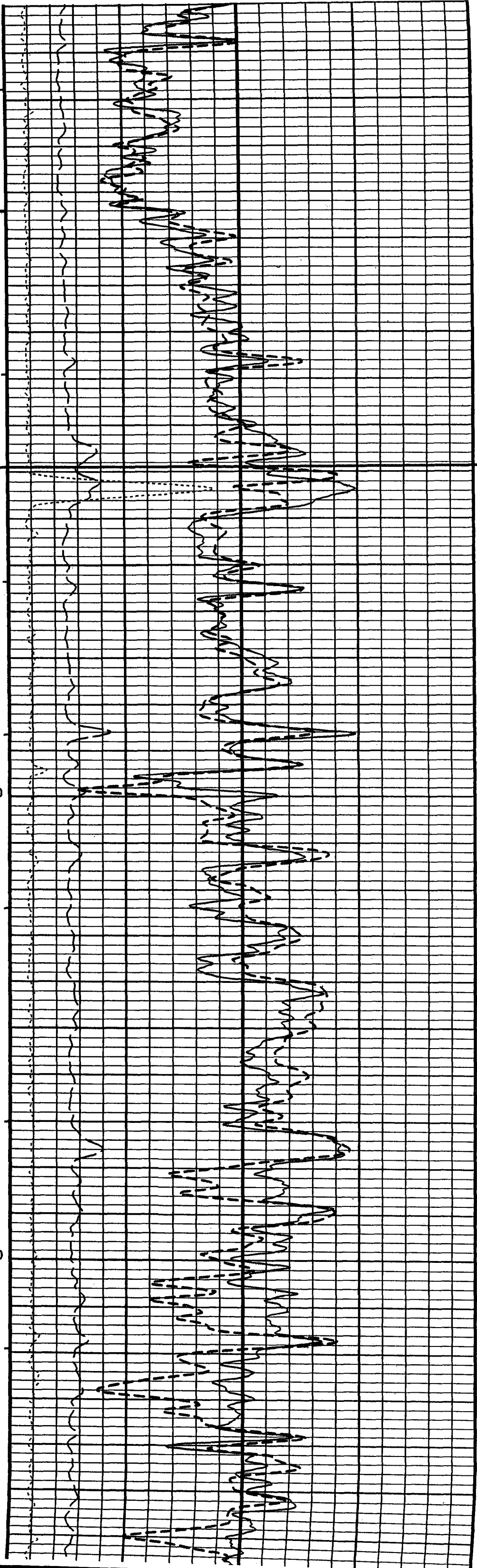


LCC

5500

5600

5700



LCC

5500

5600

5700

T/8A

7000

7100

0000

7200

BONE
SPRING

STIMULATION

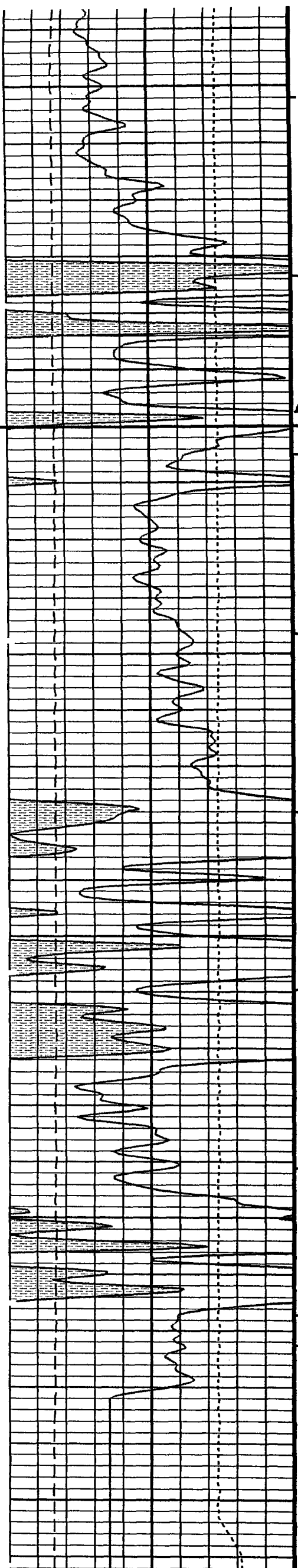
7132' - 7144'

7192' - 7204'

123,706 gals. PW

10,000 #s 14/30 LP

PLU-235



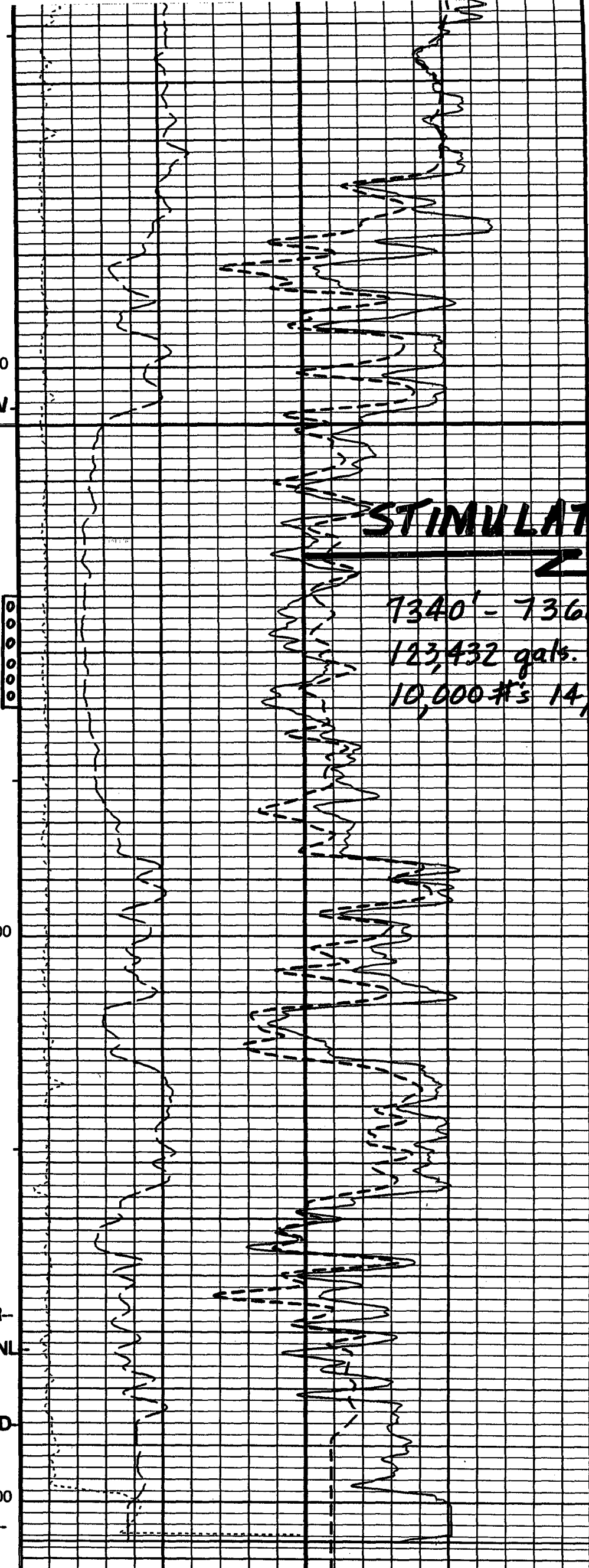
7300
AVALON

7400

FR GR
FR CNL
FR TLD

7500

TD



STIMULATION

7340' - 7360'
123,432 gals. PW
10,000 #s 14/30 LP

Gamma Ray on Backup		
GR (GR)		
(GAPI)		
0		100
HRMS Caliper (HCAL)		
(IN)		
6		16
Cable Tension (TENS)		
(LBF)		
10000		0

Stan Res Density Porosity [2.71] (DPHZ)		
(V/V)		
0.3		-0.1
HRDD Density Correction (HDRA)		
(G/C3)		
-0.05		0.45
Stan Res Formation Pe Factor (PEFZ)		
(—)		
0		10
Thermal Neutron Porosity (TNPH)		
(V/V)		
0.3		-0.1

PIP SUMMARY

- Integrated Borehole Volume Every 10 F3
- Integrated Borehole Volume Every 100 F3
- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

Main Pass 5' = 100'

Time Mark Every 60 S

PLU-235

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #235

FIELD: Nash Draw (Delaware)

County: Eddy State: New Mexico

County: Eddy

Field: Nash Draw (Delaware)

Location: 1980' FSL & 1930' FWL

Well: Poker Lake Unit #235

Company: Bass Enterprises Production Co

Schlumberger

Platform Express

Array Induction Tool

Micro-CFL / GR

1980' FSL & 1930' FWL

Elev.: K.B. 3181 ft

G.L. 3164 ft

D.F. 3180 ft

Permanent Datum: _____

Ground Level _____

Elev.: 3164 ft

Log Measured From: Kelly Bushing

17.0 ft above Perm. Datum

Drilling Measured From: Kelly Bushing

API Serial No. 30-015-34309

Section 30

Township 24S

Range 30E

Logging Date 28-Apr-2006

Run Number One

Depth Driller 7500 ft

Schlumberger Depth 7504 ft

Bottom Log Interval 7496 ft

Top Log Interval 3100 ft

Casing Driller Size @ Depth 8.625 in @ 635 ft

Casing Schlumberger 622 ft

Bit Size 7.875 in

Type Fluid In Hole Emulsion

Density 9 lbm/gal

Viscosity 54 s

Fluid Loss PH 9

Source Of Sample Circulation Tank

RM @ Measured Temperature 0.136 ohm.m @ 98 degF

RMF @ Measured Temperature 0.102 ohm.m @ 98 degF

RMC @ Measured Temperature @

Source RMF RMC

Measured 0.110 @ 123 0.082 @ 123

RM @ MRT RMC @ MRT

123 degF 123 @ 123 @

Maximum Recorded Temperatures 28-Apr-2006 14:00

Circulation Stopped 28-Apr-2006 21:45

Logger On Bottom 3178 Roswell

Unit Number 3178 Roswell

Recorded By Shawnee Burdick

Witnessed By Brian Pregger

PIP SUMMARY

Integrated Borehole Volume Every 10 F3

Integrated Borehole Volume Every 100 F3

Integrated Annulus Volume Every 10 F3

Integrated Annulus Volume Every 100 F3

Time Mark Every 60 S

Format: 2_res Vertical Scale: 2" per 100'

Graphics File Created: 28-Apr-2006 22:20

OP System Version: 12C0-301

MCM

HILTB-CTS SRPC-2699-HILT

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_012LUP FN:11 PRODUCER 28-Apr-2006 22:19

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_012LUP FN:11 PRODUCER 28-Apr-2006 22:19 7512.0 FT 0.0 FT

OP System Version: 12C0-301

MCM

HILTB-CTS SRPC-2699-HILT

PIP SUMMARY

Integrated Borehole Volume Every 10 F3

Integrated Borehole Volume Every 100 F3

Integrated Annulus Volume Every 10 F3

Integrated Annulus Volume Every 100 F3

Time Mark Every 60 S

Cable Tension (TENS)

(LBF)

10000 0

HRMS Caliper (HCAL)

(IN)

6 16

GR (GR)

(GAPI)

0 100

Gamma Ray on Backup

AIT-H Mud Full Cal (AHMF)

(OHMM)

0.02 200

AIT-H 90 Inch Investigation (AHT90)

(OHMM)

0.2 2000

AIT-H 60 Inch Investigation (AHT60)

(OHMM)

0.2 2000

AIT-H 30 Inch Investigation (AHT30)

(OHMM)

0.2 2000

AIT-H 20 Inch Investigation (AHT20)

(OHMM)

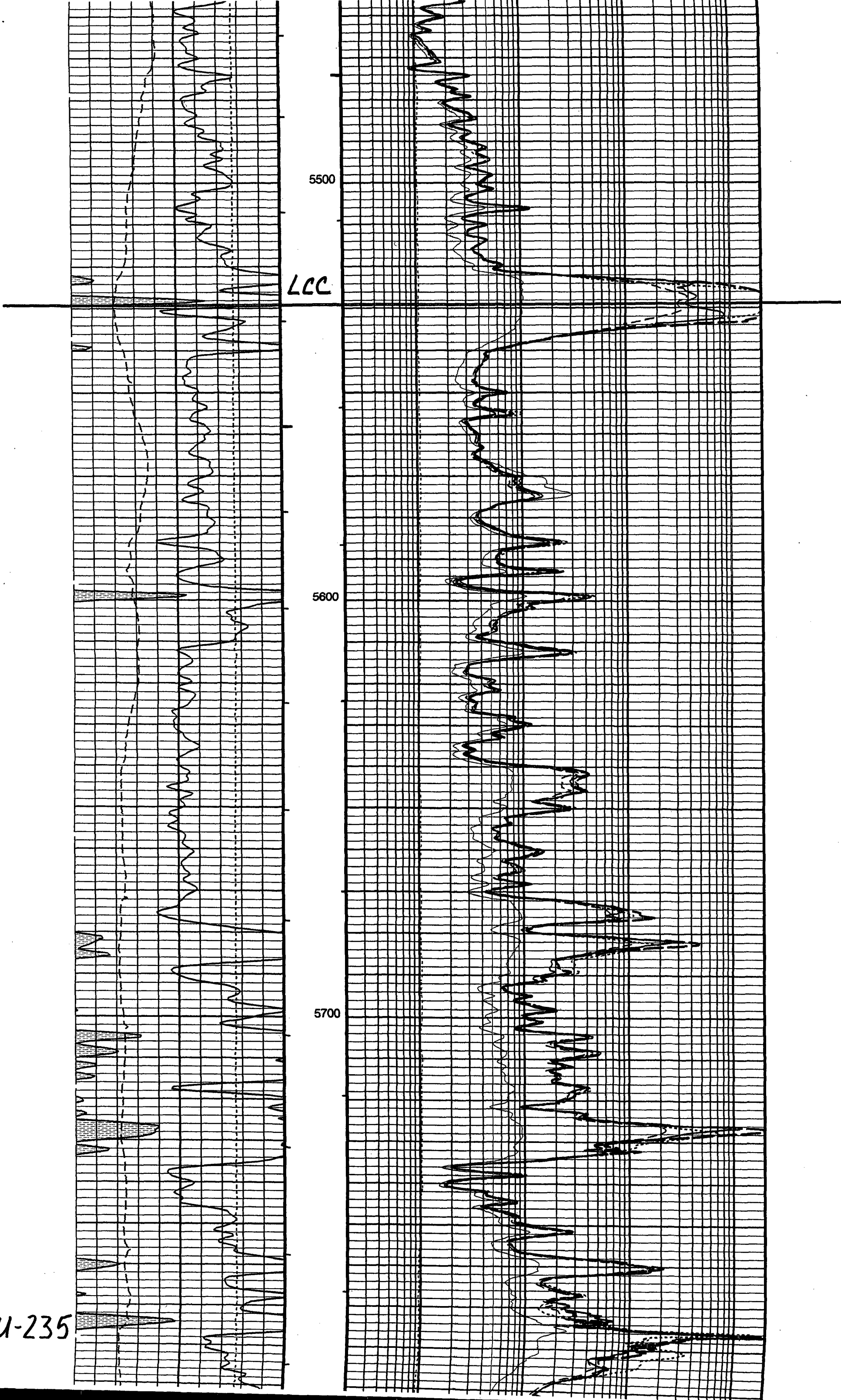
0.2 2000

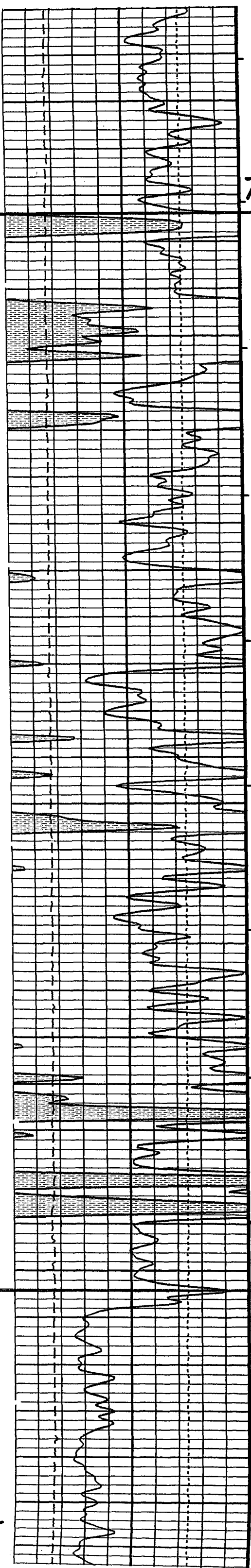
AIT-H 10 Inch Investigation (AHT10)

(OHMM)

0.2 2000

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T/BA

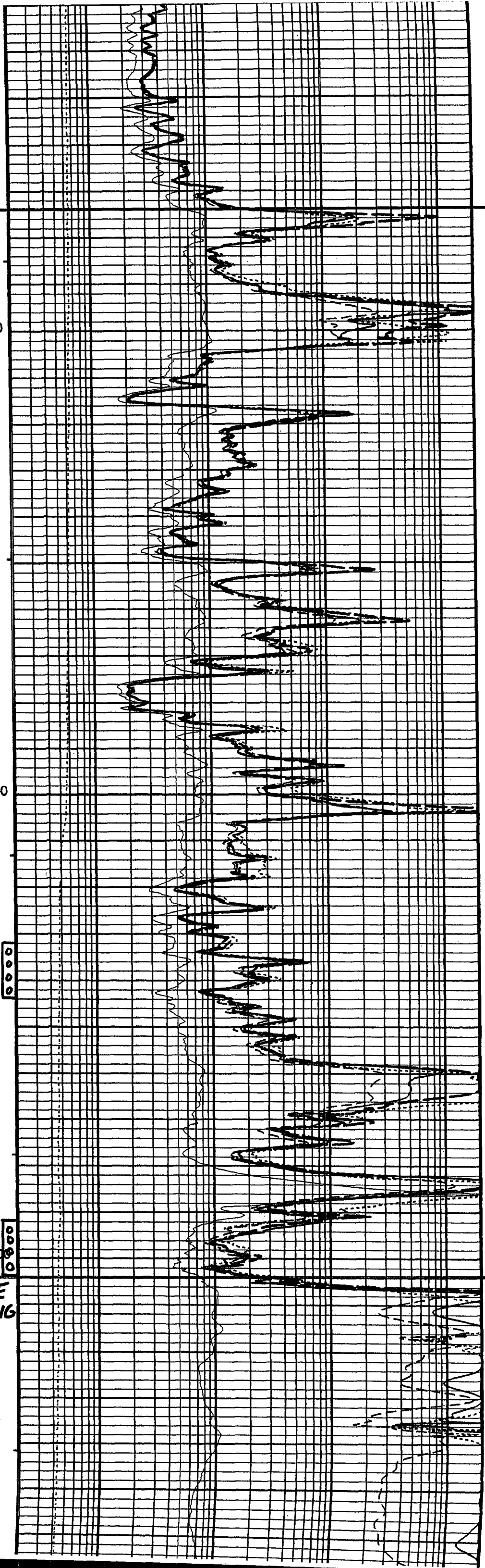
7000

7100

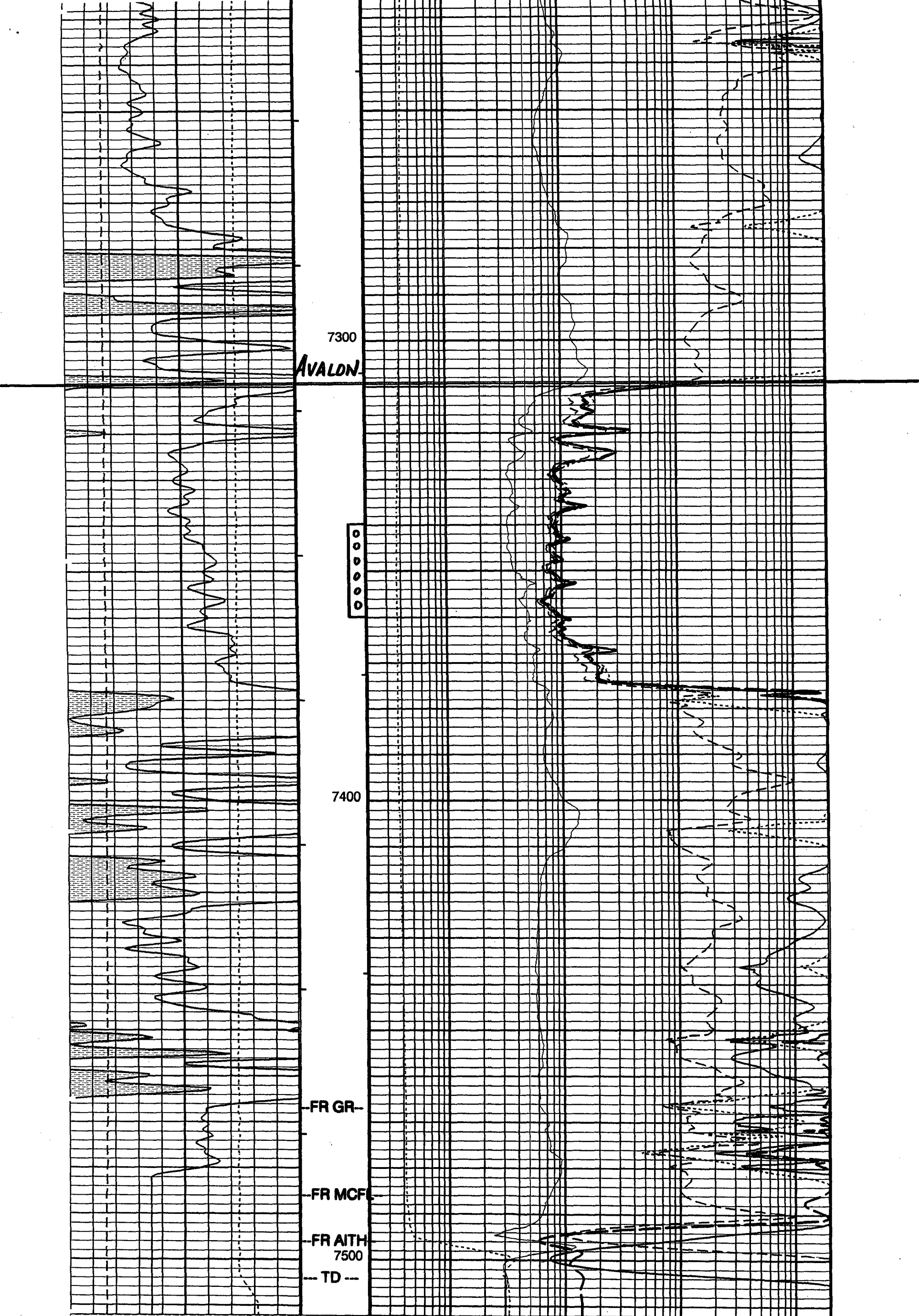
0000

0000
7200

BONE
SPRING



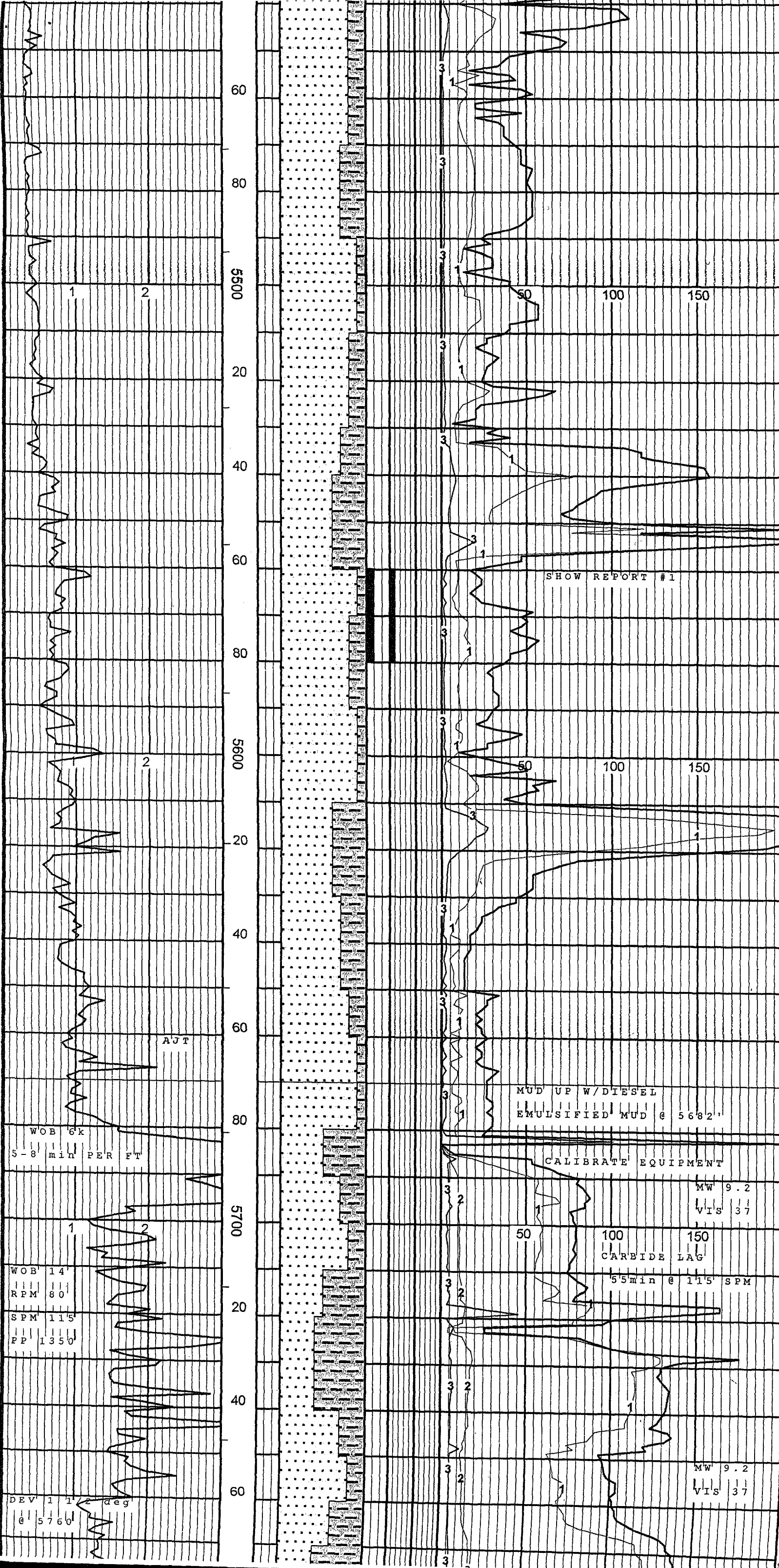
PLU-235



Gamma Ray on Backup		
GR (GR)		
(GAPI)		
0		100
HRMS Caliper (HCAL)		
(IN)		
6		16
Cable Tension (TENS)		
(LBF)		
10000		0

AIT-H 10 Inch Investigation (AHT10)		
0.2	(OHMM)	2000
AIT-H 20 Inch Investigation (AHT20)		
0.2	(OHMM)	2000
AIT-H 30 Inch Investigation (AHT30)		
0.2	(OHMM)	2000
AIT-H 60 Inch Investigation (AHT60)		
0.2	(OHMM)	2000
AIT-H 90 Inch Investigation (AHT90)		
0.2	(OHMM)	2000

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SH: drk gry, gry, drk brn
blk, blk, rthy, frm-mod
hrd, tr pyr, tr vfn
mica

SS: frstd, clr, tn, lt brn
vfn-fn gr, sub rnd-
rndd, sub ang, pred un-
consol, tr consol, wll
srted, prly cmted, silic
mtrx

SH: drk gry, blk, drk brn
gry, blk, rthy, frm-mod
hrd, tr pyr, tr vfn
mica

SHOW REPORT #1

SS: frstd, clr, lt gry, tn
lt brn, vfn gr, sub rnd
rndd, sub ang, unconsol
sme lsly consol, wll
srted, prly cmted, silic
mtrx, 10-15% pale yllw
fluor, slw even pale
mlky yllw wet cut

SH: drk gry, gry, blk, drk
brn, blk, rthy, frm-mod
hrd, tr pyr, tr vfn
mica

SS: clr, , lt gry, frstd
vfn gr, occ fn gr, sub
rnd-rndd, sub ang,
pred unconsol, sme
consol, v/fria, wll
srted, prly cmted, silic
mtrx

MUD UP W/DIESEL
EMULSIFIED MUD @ 5682'

CALIBRATE EQUIPMENT

MW 9.2
Vis 37

CARBIDE LAG
55min @ 115' SPM

SH: drk brn, brn, drk gry
, gry, blk, frm, rthy,
tr carb in prt, vfn
mica, tr pyr

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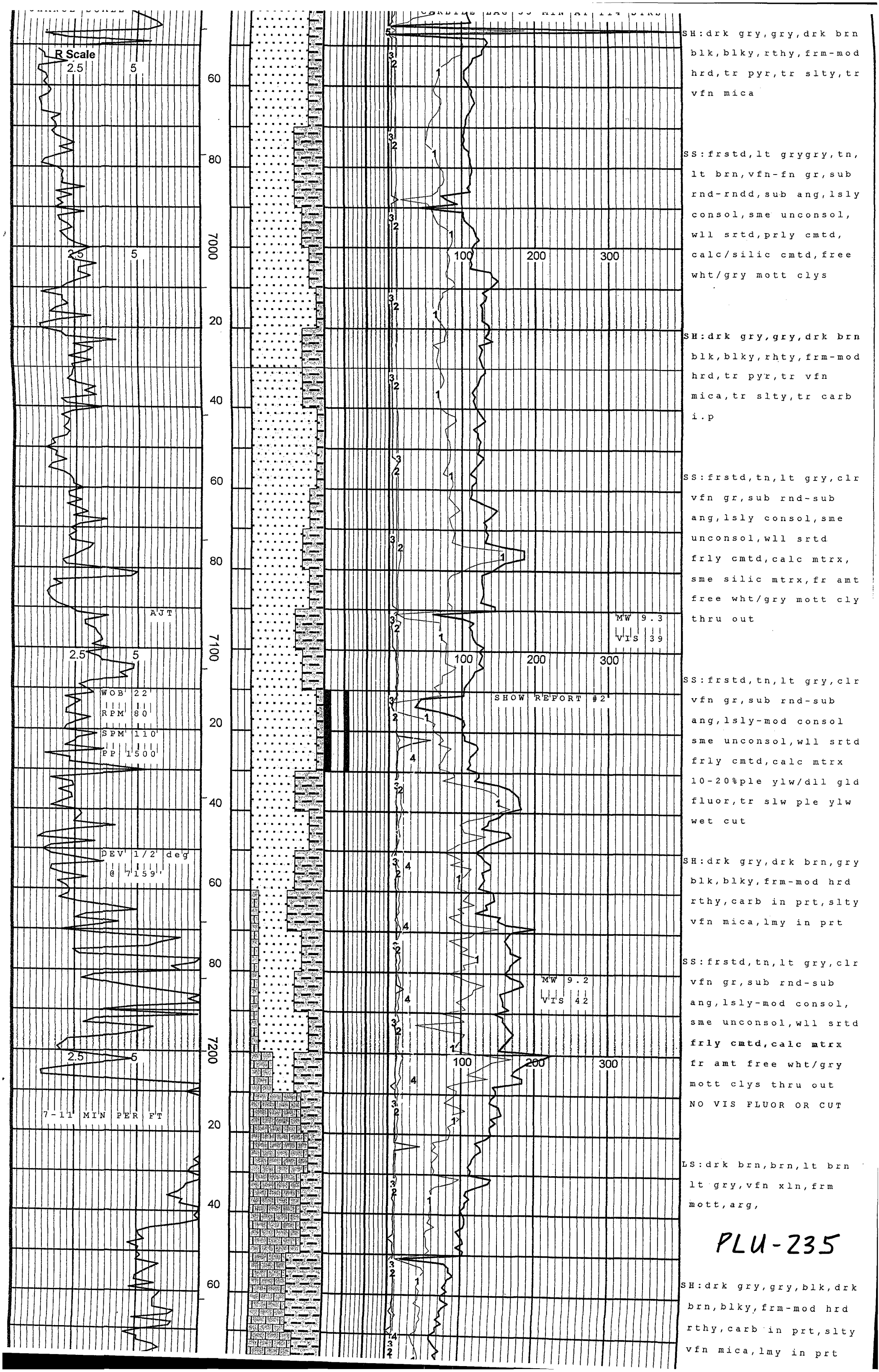
SS: frstd, lt gry, clr
vfn gr, sub rnd-sub
ang, lsly consol, sme
unconsol, wll srted
frly cmted, silic mtrx
sme calc mtrx

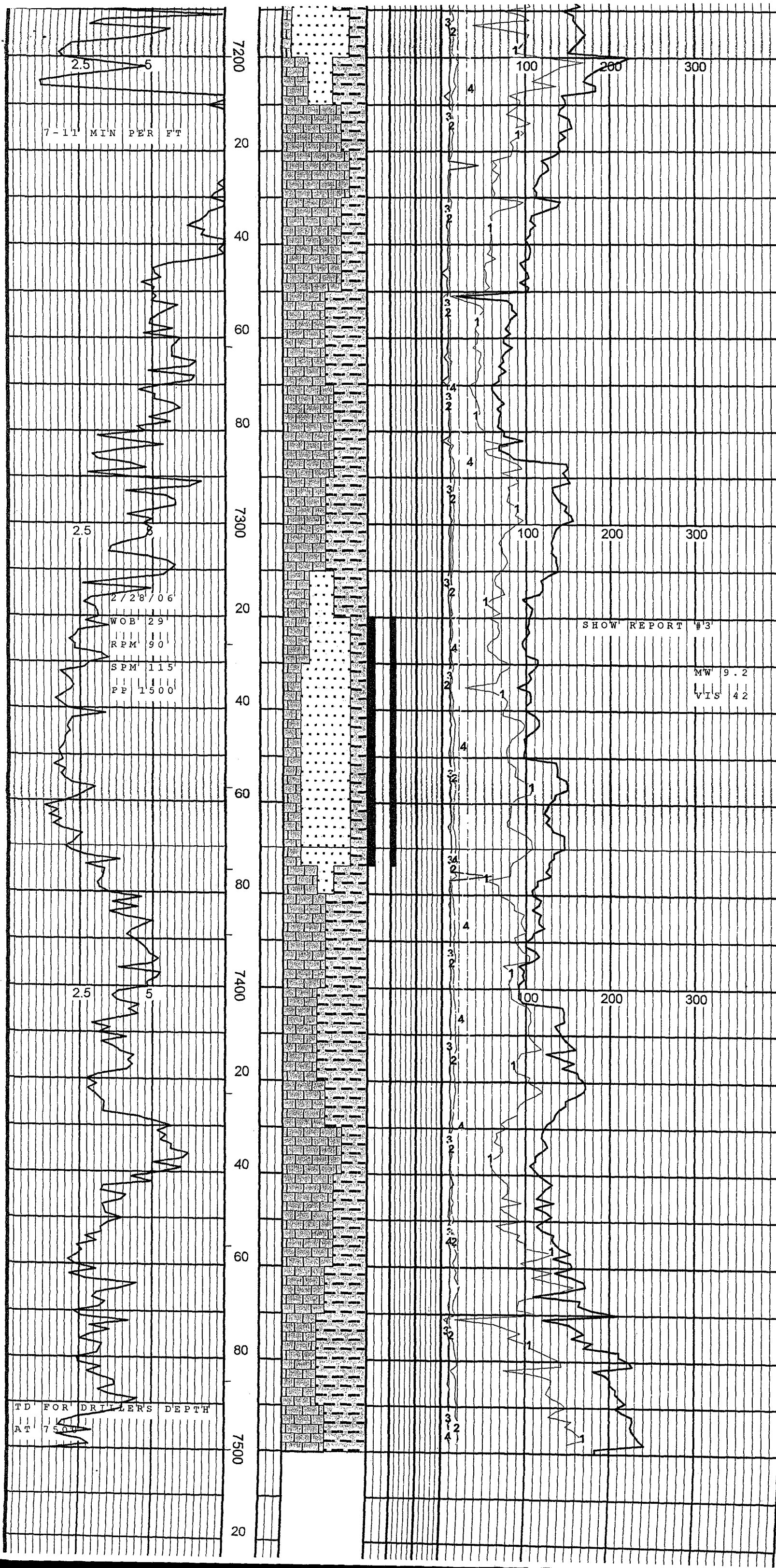
SH: drk brn, brn, drk gry

WOB 6k
S-8 min PER FT

WOB 14
RPM 80
SPM 115
PP 1350

DEV 1 1/2 deg
@ 5760'





sme unconsol, wll srted
frly cmted, calc mtrx
fr amt free wht/gry
mott clys thru out
NO VIS FLUOR OR CUT

LS: drk brn, brn, lt brn
lt gry, vfn xln, frm
mott, arg,

SH: drk gry, gry, blk, drk
brn, blk, frm-mod hrd
rthy, carb in prt, slty
vfn mica, lmy in prt

LS: drk brn, brn, lt brn
tn, vfn xln, frm, chlky
in prt, mott, arg i/p

SS: frstd, tn, lt brn, lt
gry, clr, vfn gr, sub
rnd-sub ang, lsly-mod
consol, tr unconsol
wll srted, wll cmted, sme
calc mtrx, abndnt free
wht clys, 10-15% ple
ylw fluor, tr slw ple
ylw wet cut,

LS: brn, lt brn, tn, drk
brnm, vfn xln, frm, mott
arg in prt

SH: drk gry, gry, drk brn
blk, blk, frm-mod hrd,
rthy, carb in prt, vfn
mica, lmy in prt

LS: brn, lt brn, tn, drk
brn, vfn xln, frm-mod
hrd, mott, argil i.p.

SH: drk gry, gry, drk brn
blk, blk, rthy, frm-mod
hrd, carb i.p., tr pyr,
lmy i.p., vfn mica

PLU-235