

PLU # 232

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #232

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 990' FNL & 990' FWL
Well: Poker Lake Unit #232
Company: Bass Enterprises Production Co

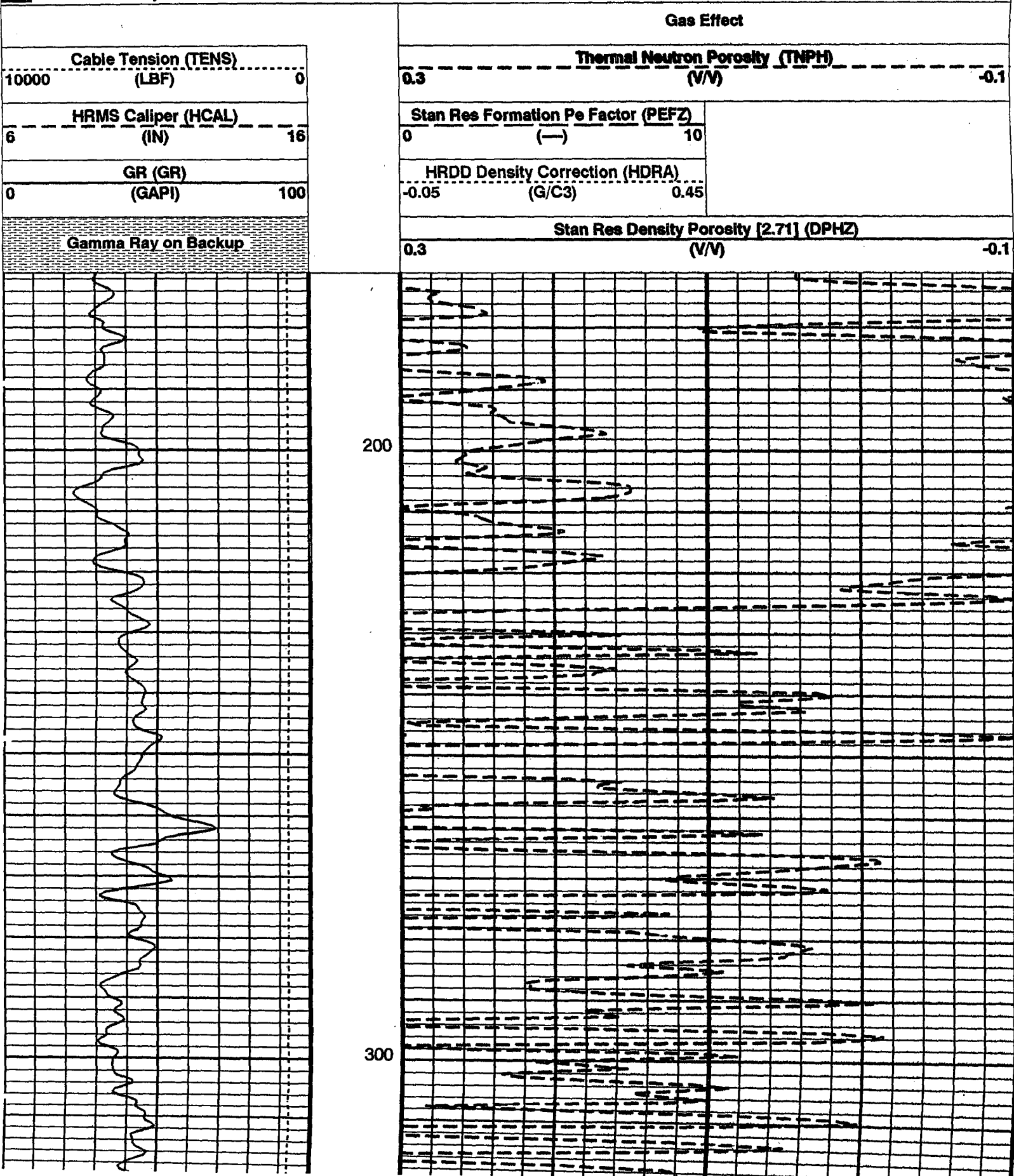
Schlumberger		Platform Express	
Three Detector Litho-Density		Compensated Neutron / GR	
990' FNL & 990' FWL		Elev.: K.B. 3180.6 ft G.L. 3160.4 ft D.F. 31798.4 ft	
Permanent Datum: _____		Ground Level _____	
Log Measured From: _____		Kelly Bushing _____	
Drilling Measured From: _____		Kelly Bushing _____	
API Serial No. 30-015-34009		SECTION 31	TOWNSHIP 24S
7-Aug-2005		RANGE 30E	
Logging Date	7-Aug-2005		
Run Number	One		
Depth Driller	7486 ft		
Schlumberger Depth	7490 ft		
Bottom Log Interval	7472 ft		
Top Log Interval	200 ft		
Casing Driller Size @ Depth	11.750 in @ 719 ft		
Casing Schlumberger	722 ft		
Bit Size	7.875 in		
Type Fluid In Hole	Emulsion		
Density	9.3 lbm/gal	47 s	
Fluid Loss	PH	8	
Source Of Sample	Circulation Tank		
RM @ Measured Temperature	0.085 ohm.m @ 98 degF	@	@
RMF @ Measured Temperature	@	@	@
RMC @ Measured Temperature	@	@	@
Source RMF	Measured		
RM @ MRT	0.068 @ 124	@ 124	@
RMF @ MRT	124 degF		
Recorded Temperatures	7-Aug-2005	8:30	
Time	7-Aug-2005	16:40	
Location	3049 Roswell, N.M.		
Brian Bartley			
Simianne Hayden			

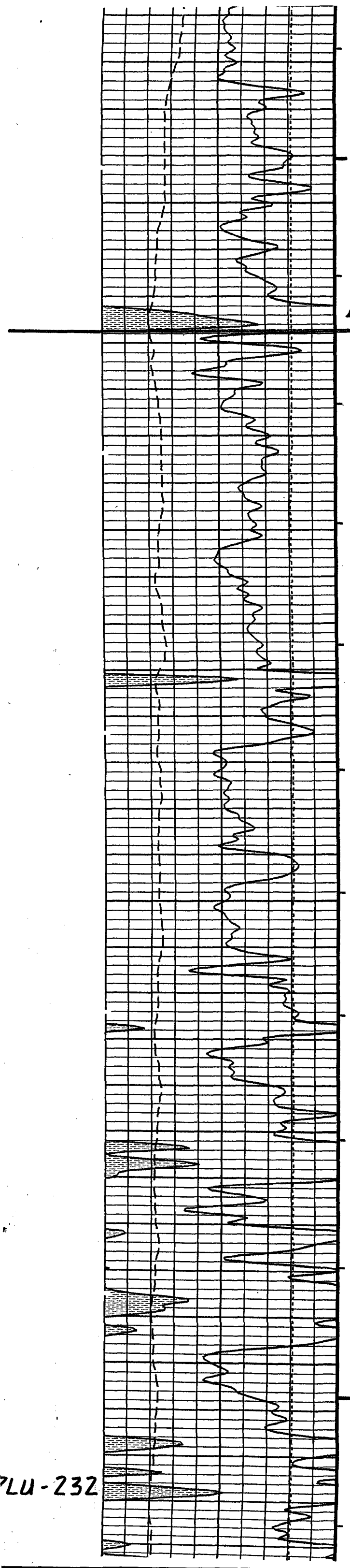
PIP SUMMARY

- 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





5500

LCC

257

5600

5700

STIMULATION

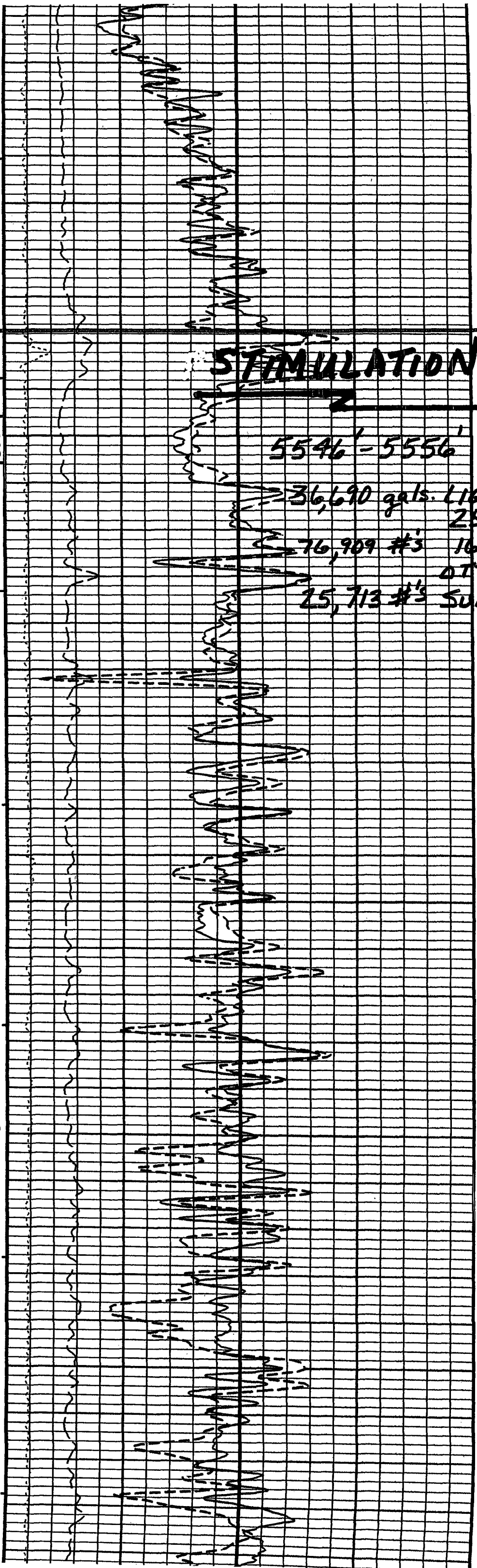
5546' - 5556'

36,690 gals. LIGHTNING 2500

76,909 #3 16130

OTTAWA

25,713 #3 SUPER LC



T/8A

7000

7100

STIMULATION

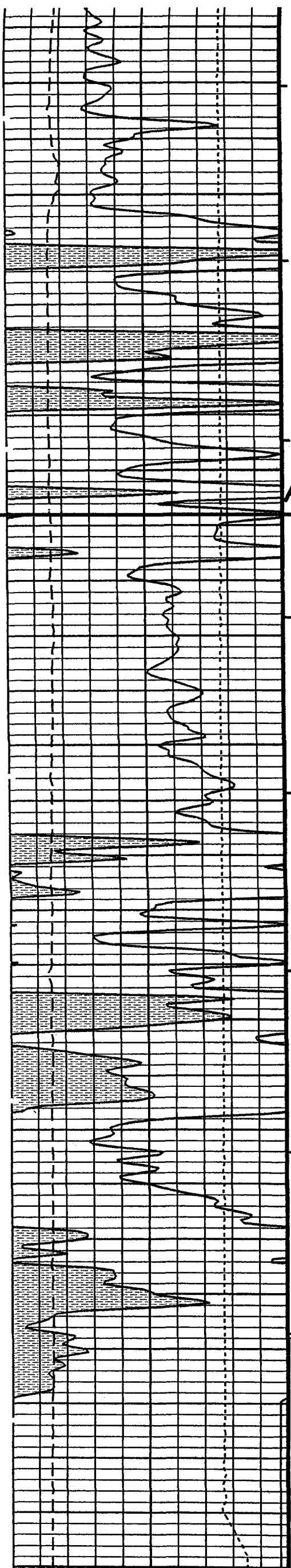
7180' - 7194'

88,028 gals. PW

7677 #3 14/30 LP

7200

BONE
SPRING



7300
AVALON

7400

-FR GR-

-FR CNL-

-FR TLD-

-TD-

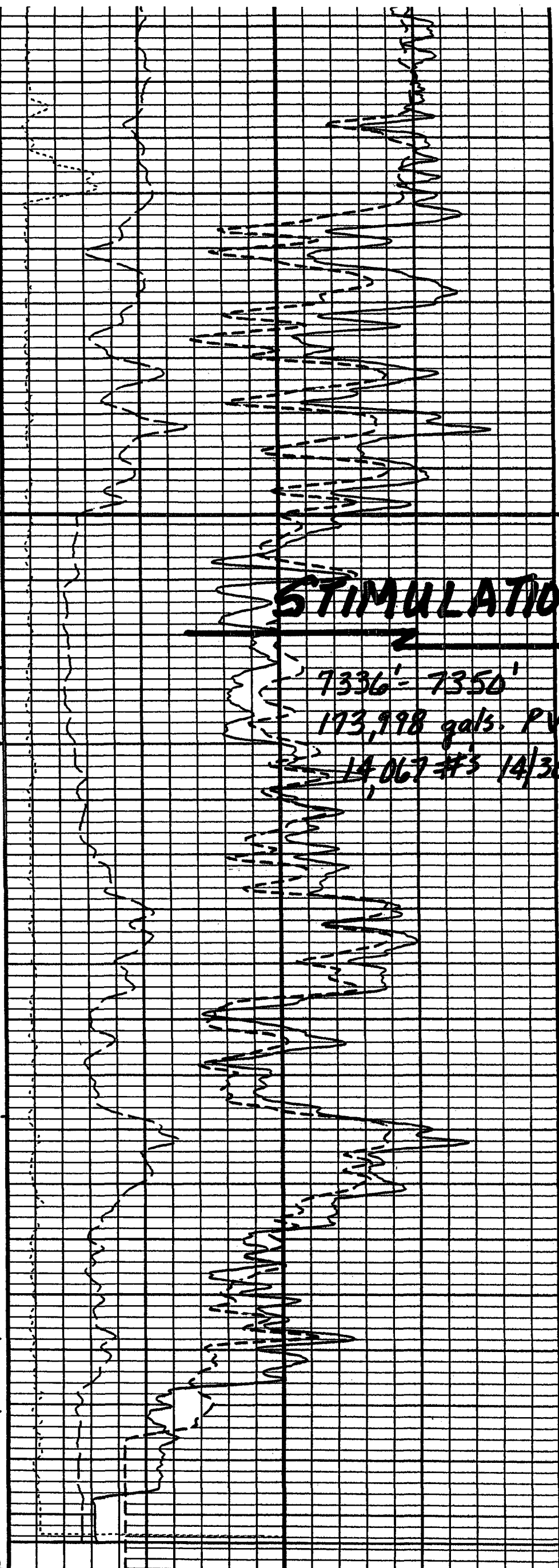
7500

Gamma Ray on Backup

GR (GR)
(GAPI) 0 100

HRMS Caliper (HCAL)
(IN) 6 16

Cable Tension (TENS)
(LBF) 10000 0



STIMULATION

7336' - 7350'

193,998 gals. PW

14,067 #3 14/30 LP

Stan Res Density Porosity [2.71] (DPHZ)

0.3 (V/V) -0.1

HRDD Density Correction (HDRA)
-0.05 (G/C3) 0.45

Stan Res Formation Pe Factor (PEFZ)
0 (—) 10

Thermal Neutron Porosity (TNPH)
0.3 (V/V) -0.1

Gas Effect

PIP SUMMARY

Integrated Borehole Volume Every 10 F3

PLU-232

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #232

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

Schlumberger
Platform Express
Array Induction Tool
Gamma Ray

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 990' FNL & 990' FWL
Well: Poker Lake Unit #232
Company: Bass Enterprises Production Co

LOCATION		990' FNL & 990' FWL		Elev.: K.B. 3180.6 ft G.L. 3160.4 ft D.F. 31798.4 ft	
Permanent Datum:		Ground Level		Elev.: 3160.4 ft	
Log Measured From:		Kelly Bushing		20.2 ft above Perm. Datum	
Drilling Measured From:		Kelly Bushing			
API Serial No.	SECTION	TOWNSHIP	RANGE		
30-015-34009	31	24S	30E		
Logging Date	7-Aug-2005				
Run Number	One				
Depth Driller	7486 ft				
Schlumberger Depth	7490 ft				
Bottom Log Interval	7482 ft				
Top Log Interval	3100 ft				
Casing Driller Size @ Depth	11.750 in @ 719 ft				
Casing Schlumberger	722 ft				
Bit Size	7.875 in				
Type Fluid In Hole	Emulsion				
Density	9.3 lbm/gal				
Fluid Loss	PH 8				
Source Of Sample	Circulation Tank				
FM @ Measured Temperature	0.085 ohm.m @ 98 degF				
RMF @ Measured Temperature	@ @ @				
RMC @ Measured Temperature	@ @ @				
Source RMF	Measured				
RM @ MRT	0.068 @ 124 @ 124 @				
Maximum Recorded Temperatures	124 degF				
Circulation Stopped	Time 7-Aug-2005 8:30				
Logger On Bottom	Time 7-Aug-2005 16:40				
Unit Number	Location 3049 Roswell, N.M.				
Recorded By	Brian Bartley				
Witnessed By	Simianne Hayden				

DEFAULT AIT_TLD_MCFL_CNL_012LUP FN:11 PRODUCER 07-Aug-2005 17:07

OP System Version: 12C0-301
MCM

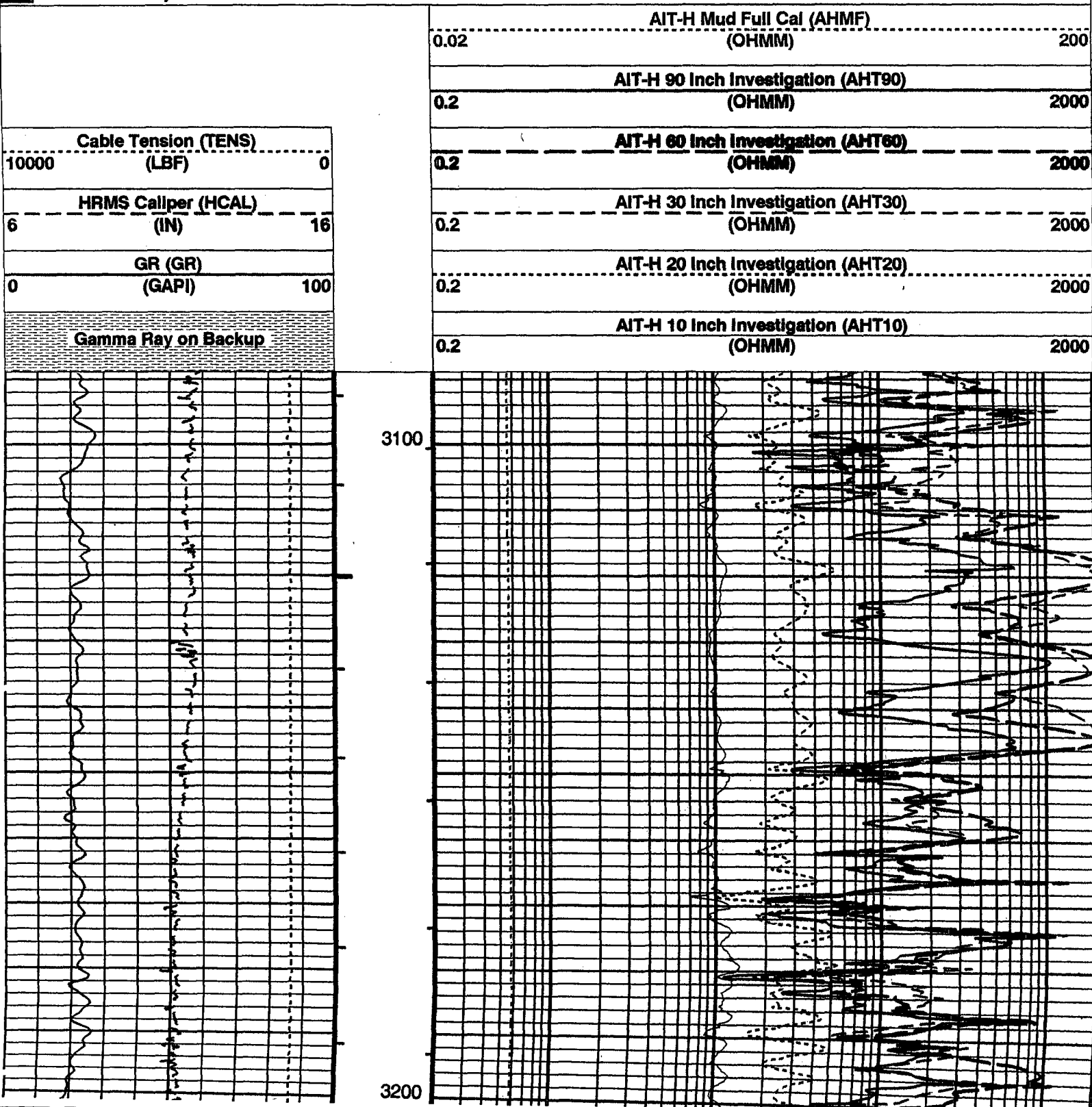
HILTB-CTS SRPC-2699-HILT

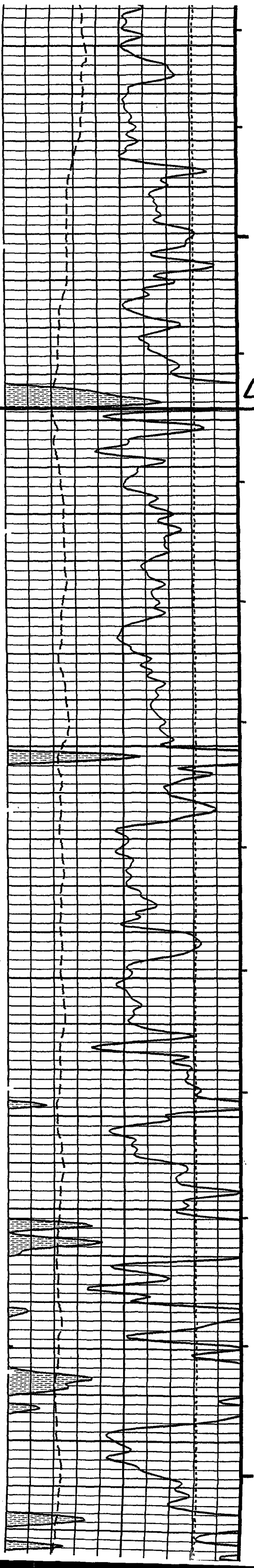
PIP SUMMARY

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

MAIN PASS 5" = 100'

Time Mark Every 60 S



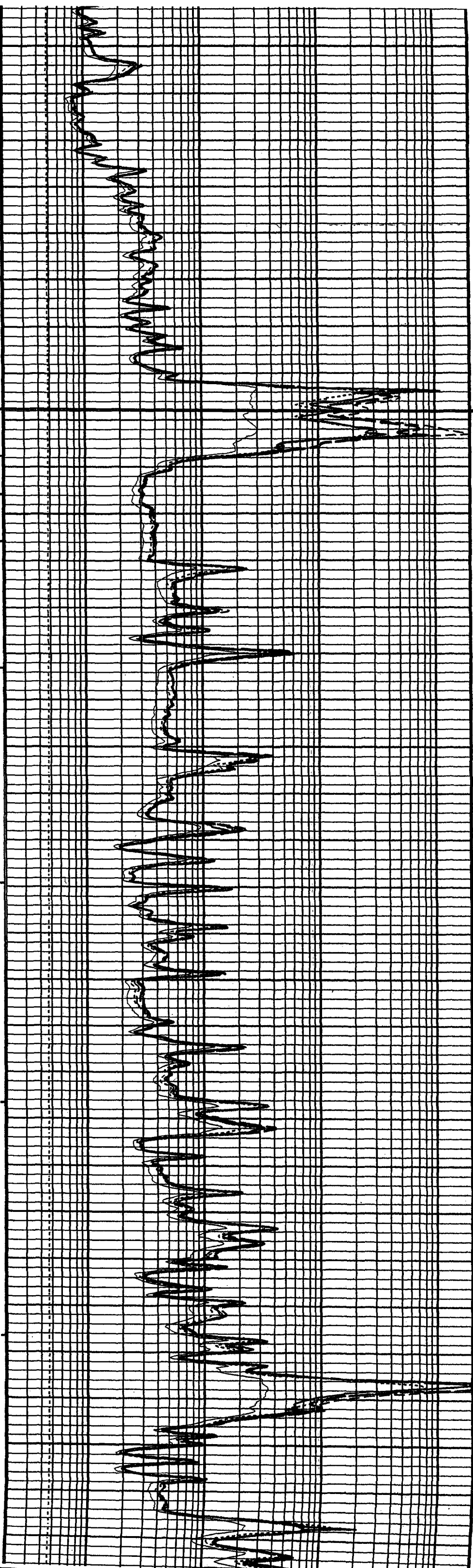


LCC

5500

5600

5700



PLU-232

T/8A

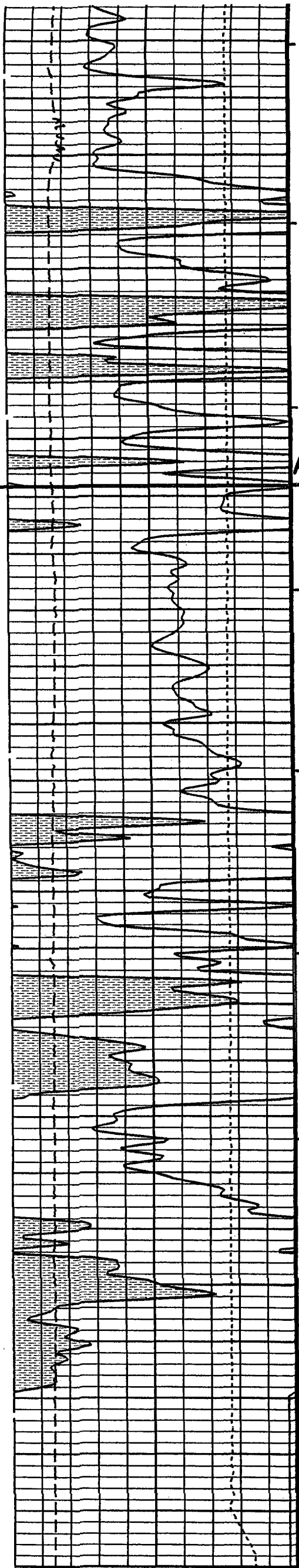
7000

7100

7200

BONE
SPRING





7300
AVALON

7400

FR GR

FR AIT

TD

7500

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)
(OHMM) 2000

AIT-H 20 Inch Investigation (AHT20)
(OHMM) 2000

AIT-H 30 Inch Investigation (AHT30)
(OHMM) 2000

AIT-H 60 Inch Investigation (AHT60)
(OHMM) 2000

AIT-H 90 Inch Investigation (AHT90)
(OHMM) 2000

AIT-H Mud Full Cal (AHMF)
(OHMM) 200

DID QIMMADV

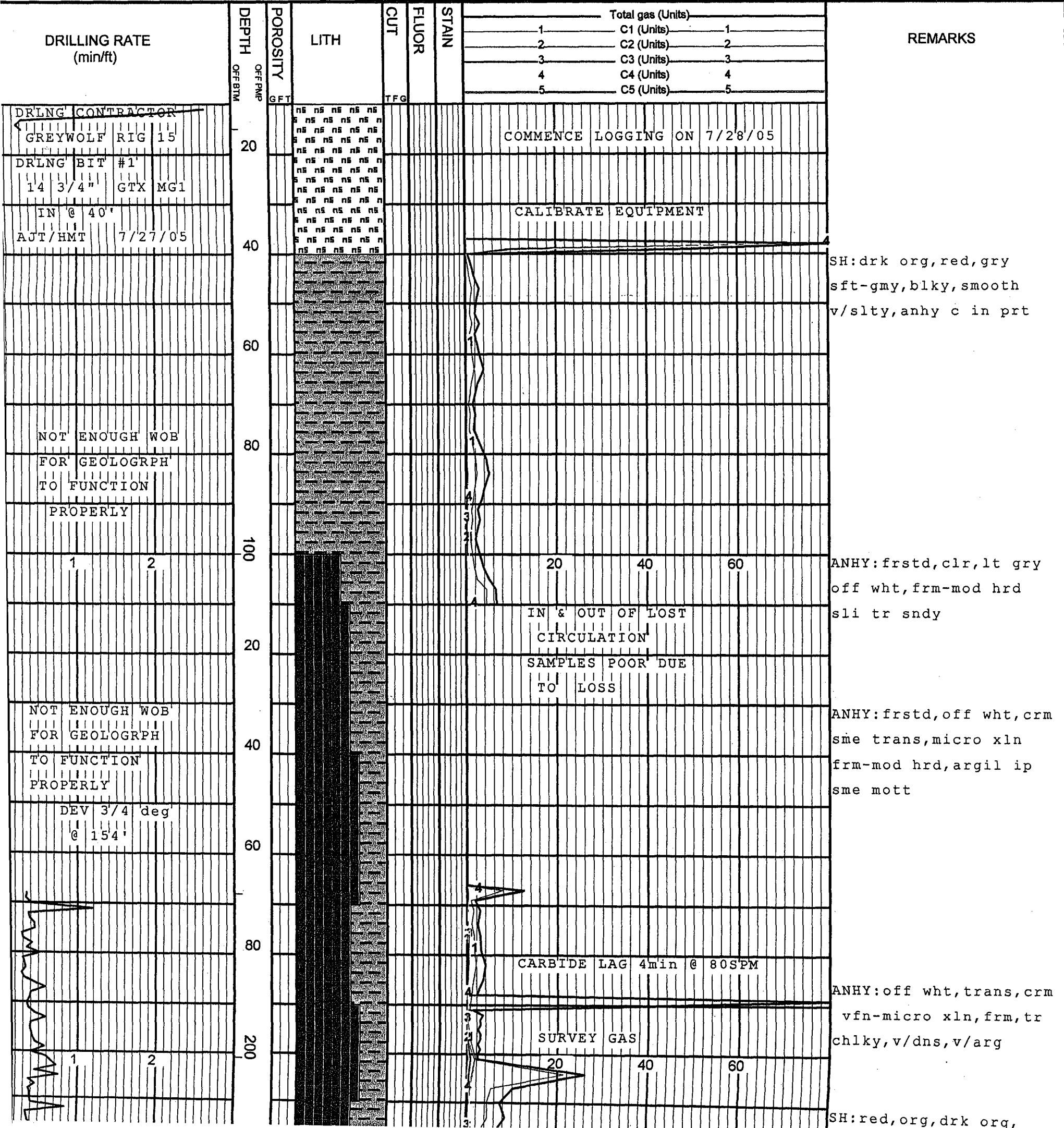
PLU-232

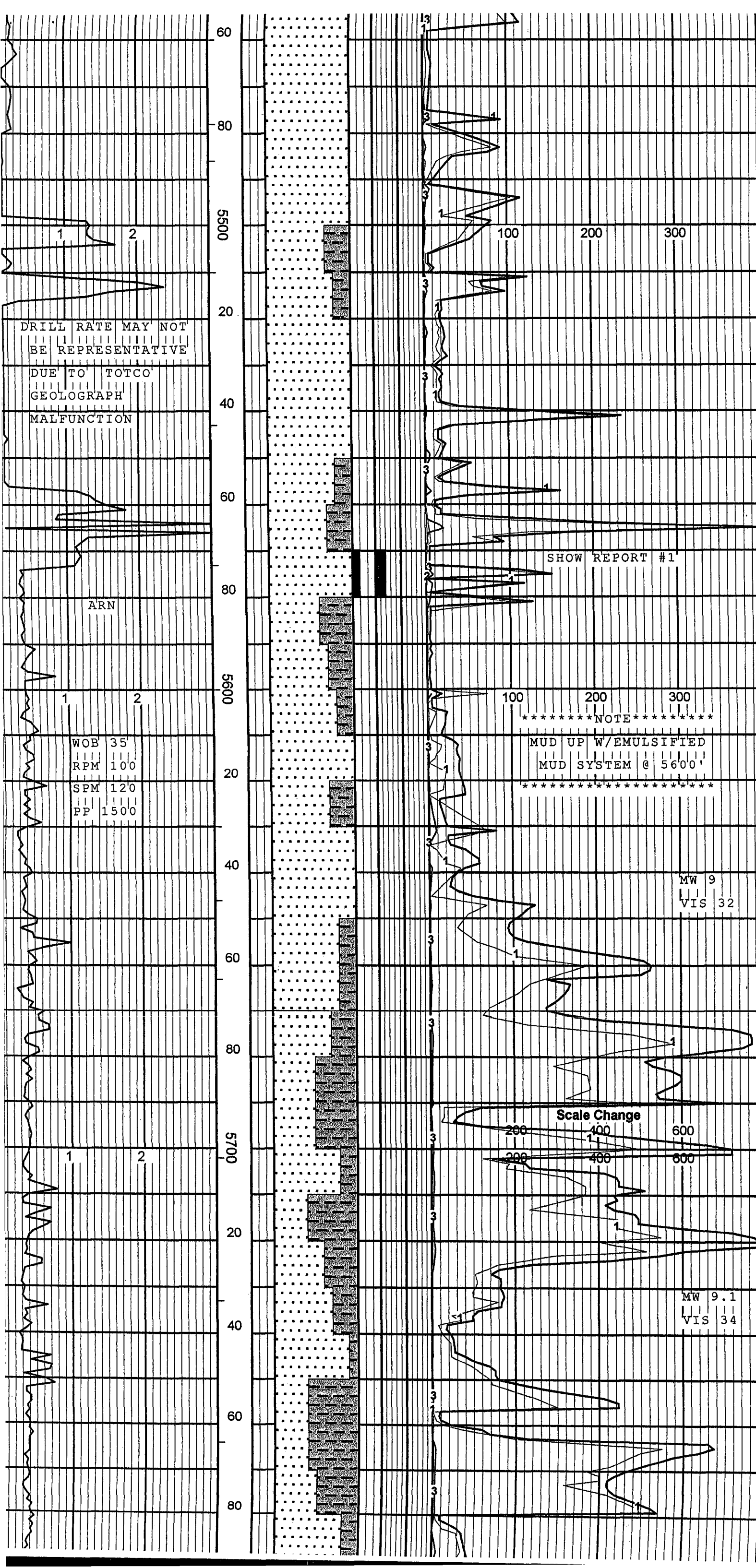
Company: BASS ENTERPRISES PRODUCTION CO.
Well: POKER LAKE UNIT #232
Location: Sec: 31 Twn: 24S Rge: 30E Blk:
Survey: 990' FNL & 990' FWL API:
County: EDDY State: NEW MEXICO
Elevation: KB: 3182' GL: 3162'
Contractor: GREYWOLF RIG 15 Spud Date: 7/27/05
Depth Logged: From: 50' To: 7484'
Date Logged: From: 7/27/05 To: 8/7/05
Logger: THOMPSON / NORMAN Unit: 15

MORCO GEOLOGICAL SERVICES
Carlsbad, New Mexico - (800) 748-2340

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
Chromatograph Calibration: 1 Unit = 100 ppm of each component:
Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour





SS:clr,lt gry.frstd
vfn-fn gr,occ med gr
sub rnd-rndd,sub ang
pred unconsol,prly
srtd,prly cmtd

SH:drk gry,gry,drk brn
blk,blky,frm-mod hrd
carb in prt,rthy,tr
slty,vfn mica thru
out

SS:clr,frstd,lt gry
vfn-fn gr,occ med gr
sub rnd-rndd,sub ang
pred unconsol,frly
srtd,prly cmtd

SS:clr,lt gry,frstd
vfn-fn gr,pred un-
consol,frly srtd,prly
cmtd,30-40% brt ylw
fluor,tr slw mlky
ylw wet cut,no vis
stn

SS:clr,lt gry,frstd
vfn gr,sub rnd-rndd
sub ang,pred unconsol
sme lsly consol,wll
srtd,prly-tr cmtd
calc/cly mtrx,fr amt
free wht clys thru
out

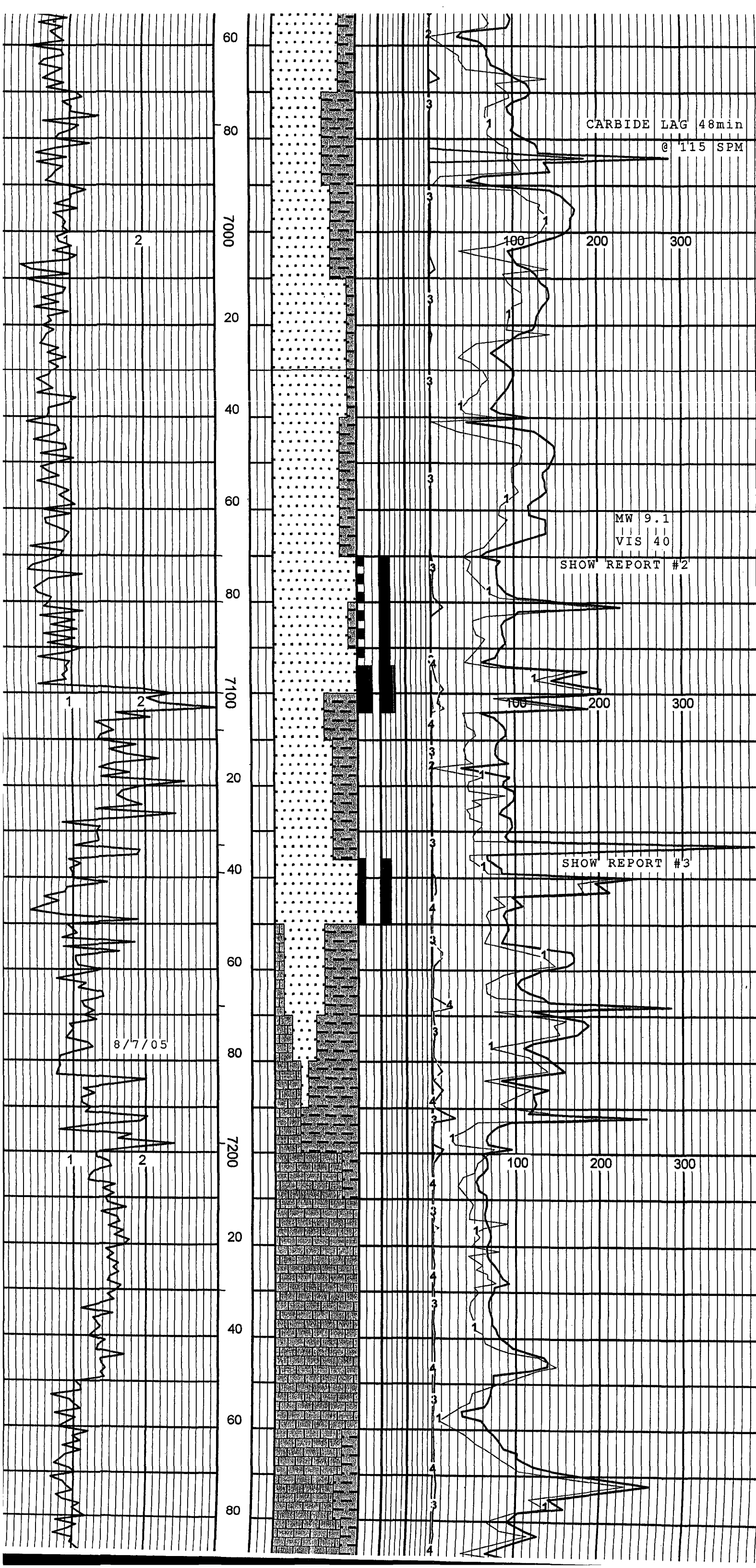
SH:drk gry,blk,gry,drk
brn,blky,frm-mod hrd
carb,rthy,vfn mica
thru out,tr pyrt'c
in prt

SS:frstd,lt gry,clr
vfn gr,sub rnd-sub
ang,lsly-mod consol
sme unconsol,wll
srtd,mod cmtd,calc/
cly mtrx,fr amt free
wht clys thru out
NO VIS FLUOR OR CUT

SH:drk gry,blk,gry,drk
brn,blky,carb,rthy,tr
slty,vfn mica,tr pyr

SS:frstd,lt gry,tn,clr
vfn-fn gr,sub rnd-sub

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brn, gry, blk, frm-mod
hrd, rthy, carb in prt
tr slty, vfn mica thru
out, tr pyr

SS: clr, frstd, lt gry, tn
vfn gr, sub ang, sub
rnd, sme rndd, lsly
consol-sme unconsol
wll srted, frly cmted
calc/clay mtrx, fr amt
free wht/gry clys

SH: drk gry, gry, lt gry,
drk brn, brn, sme blk
blk, frm-mod hrd, rthy
slty, tr carb in prt
vfn mica thru out, tr
pyr

SS: clr, frstd, lt gry, tn
vfn-fn gr, sub rnd-sub
ang, lsly consol-sme
unconsol, frly srted
frly cmted, calc/clay
mtrx, 40-50% gld fluor
tr-fr mlky ylw wet
cut

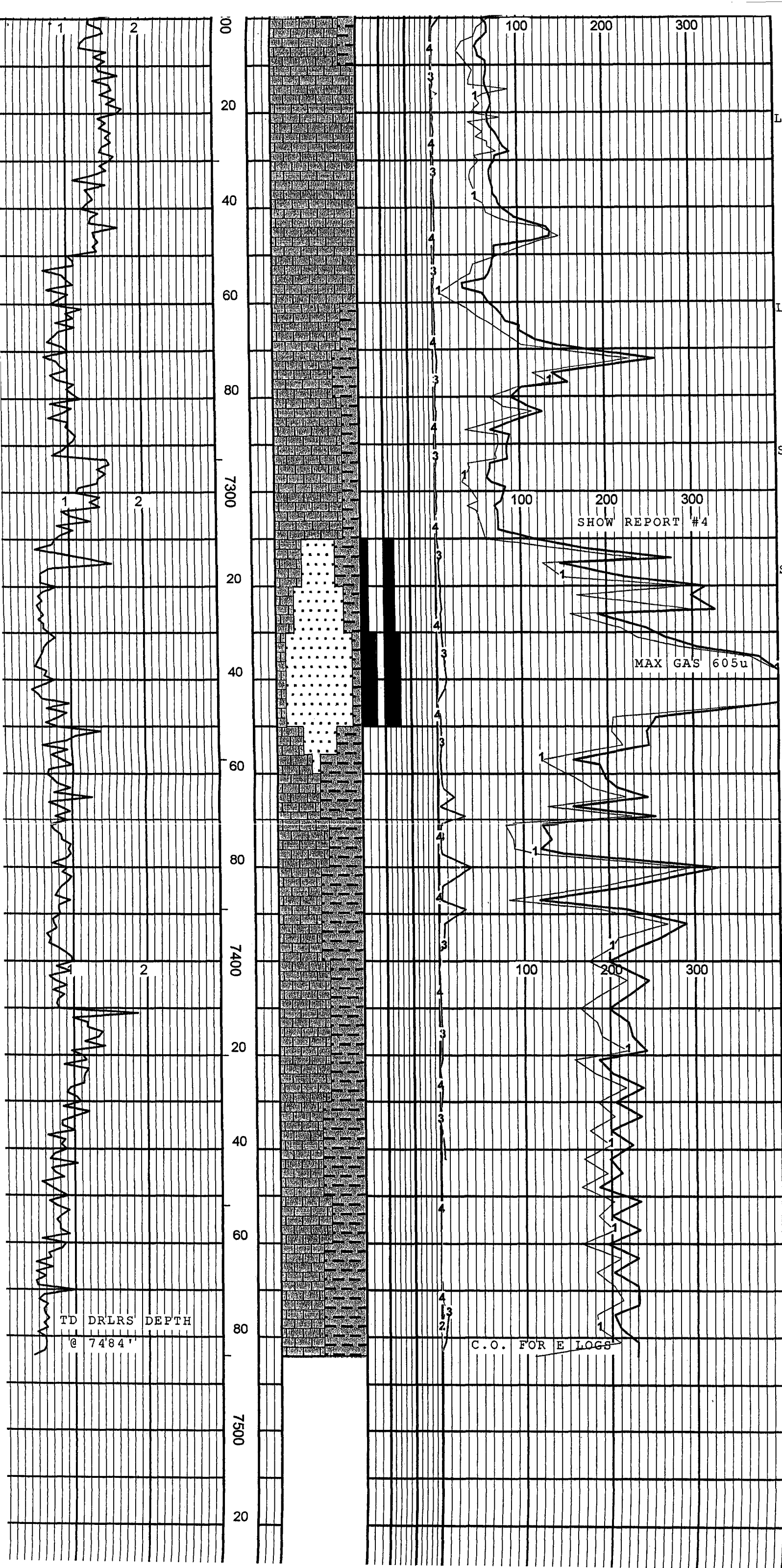
SS: frstd, lt gry, tn, clr
vfn gr, sub rnd-sub
ang, lsly-mod consol
sme titly consol, tr
unconsol, wll srted
mod-titly cmted, tr
fria, 30-40% dll gld/
ylw fluor, tr slw ple
mlky ylw wet cut

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

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

LS: drk brn, lt brn, brn
vfn xln, frm-mod hrd
mott, arg in prt

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rthy,carb,tr slty,vfn
mica thru out,tr pyr

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

LS:drk brn,lt brn,brn
vfn xln,frm-mod hrd
mott,arg in prt

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

SS:clr,frstd,lt gry,tn
vfn gr,tr fn gr,sub
rnd-rndd,sub ang,pred
unconsol,tr lsly
consol,wll srtd,prly
cmtd,40-50% dll gld
fluor,fr fst pale
mlky ylw wet cut,
NO VIS STN

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

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

PLU-232

TD DRLRS DEPTH
@ 74'84"

C.O. FOR E LOGS