

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #212

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy

Field: Nash Draw (Delaware)

Location: 660' FSL & 1980' FEL

Well: Poker Lake Unit #212

Company: Bass Enterprises Production Co

Schlumberger

Platform Express

Three Detector Litho Density

Compensated Neutron / GR

660' FSL & 1980' FEL

Elev.: KB. 3181 ft
GL 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. 30-015-33915

SECTION 18

TOWNSHIP 24S

RANGE 30E

Logging Date 2-Nov-2005

Run Number One

Depth Driller 7530 ft

Schlumberger Depth 7535 ft

Bottom Log Interval 7517 ft

Top Log Interval 200 ft

Casing Driller Size @ Depth 8.625 in @ 640 ft

Casing Schlumberger 7.875 in

Bit Size 7.875 in

Type Fluid In Hole Brine / Diesel

Density Viscosity 9.1 lbm/gal 40 s

Fluid Loss PH 9

Source Of Sample Circulation Tank

RM @ Measured Temperature 0.127 ohm.m @ 92 degF

RMF @ Measured Temperature @ @

RMC @ Measured Temperature @ @

Source RMF RMC Measured @ @

RM @ MFT 0.095 @ 125 @ 125 @

Recorded Temperatures 125 degF

topped Time 2-Nov-2005 2:00

bottom Time 2-Nov-2005 9:10

Location Roswell, N.M.

R.Chung

Simianne Hayden

Integrated Annulus Volume Every 100 F3

Time Mark Every 60 S

Format: 2_nuc Vertical Scale: 2" per 100' Graphics File Created: 02-Nov-2005 09:50

OP System Version: 12C0-301 MCM

HILTB-CTS SRPC-2699-HILT

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_017LUP FN:16 PRODUCER 02-Nov-2005 09:50

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_017LUP FN:16 PRODUCER 02-Nov-2005 09:50 7548.0 FT 181.5 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 4561.69 F3

Cement Volume = 3424.87 F3 (assuming 5.50 IN casing O.D.)

Computed from 7530.0 FT to 640.0 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	617.5 11:51:34
GCSE	BS	HCAL	617.5 11:51:30
TDL	7535.00 FT	7530.00 FT	2519.1 11:19:21

PIP SUMMARY

Integrated Borehole Volume Every 10 F3

Integrated Borehole Volume Every 100 F3

Integrated Annulus Volume Every 10 F3

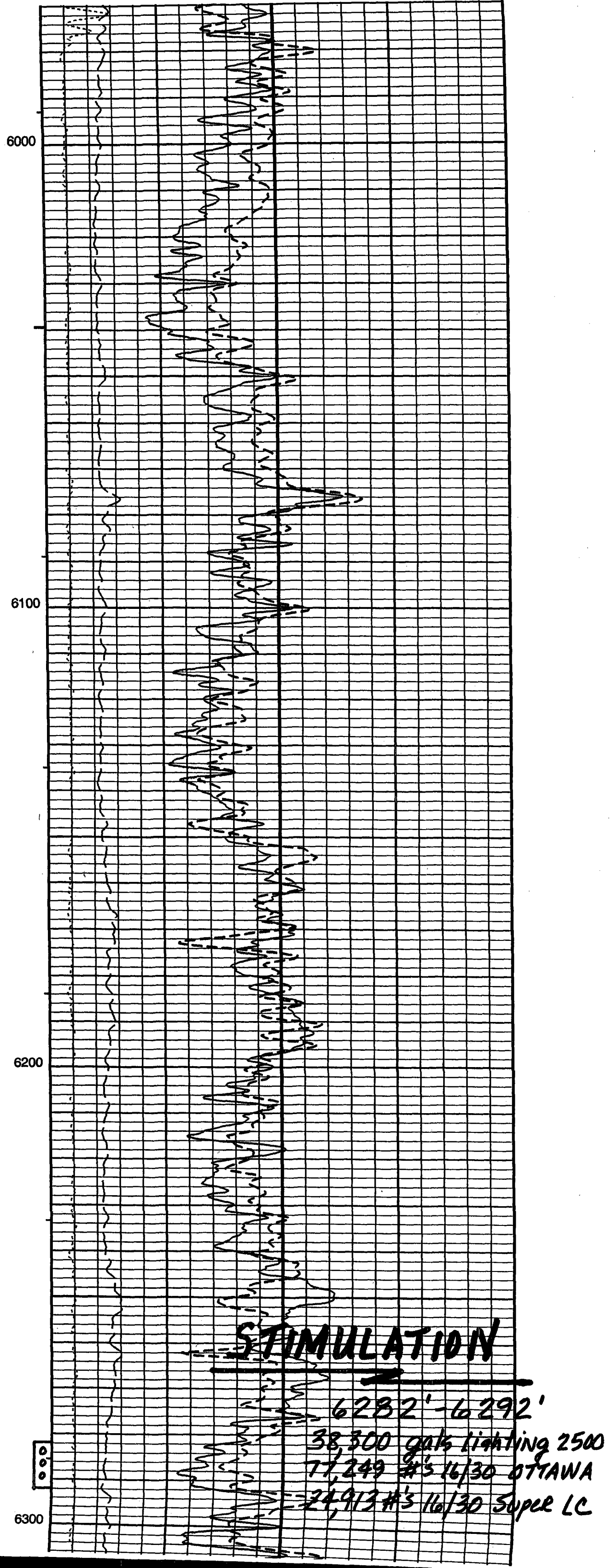
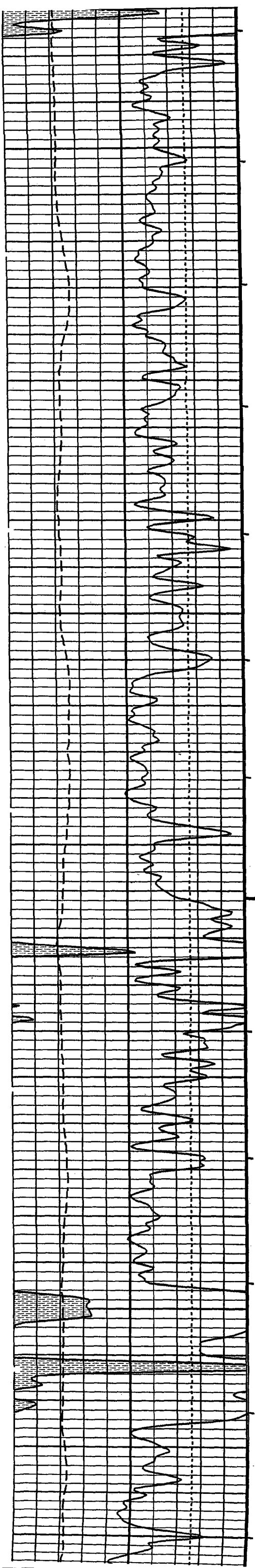
Integrated Annulus Volume Every 100 F3

MAIN PASS 5" = 100'

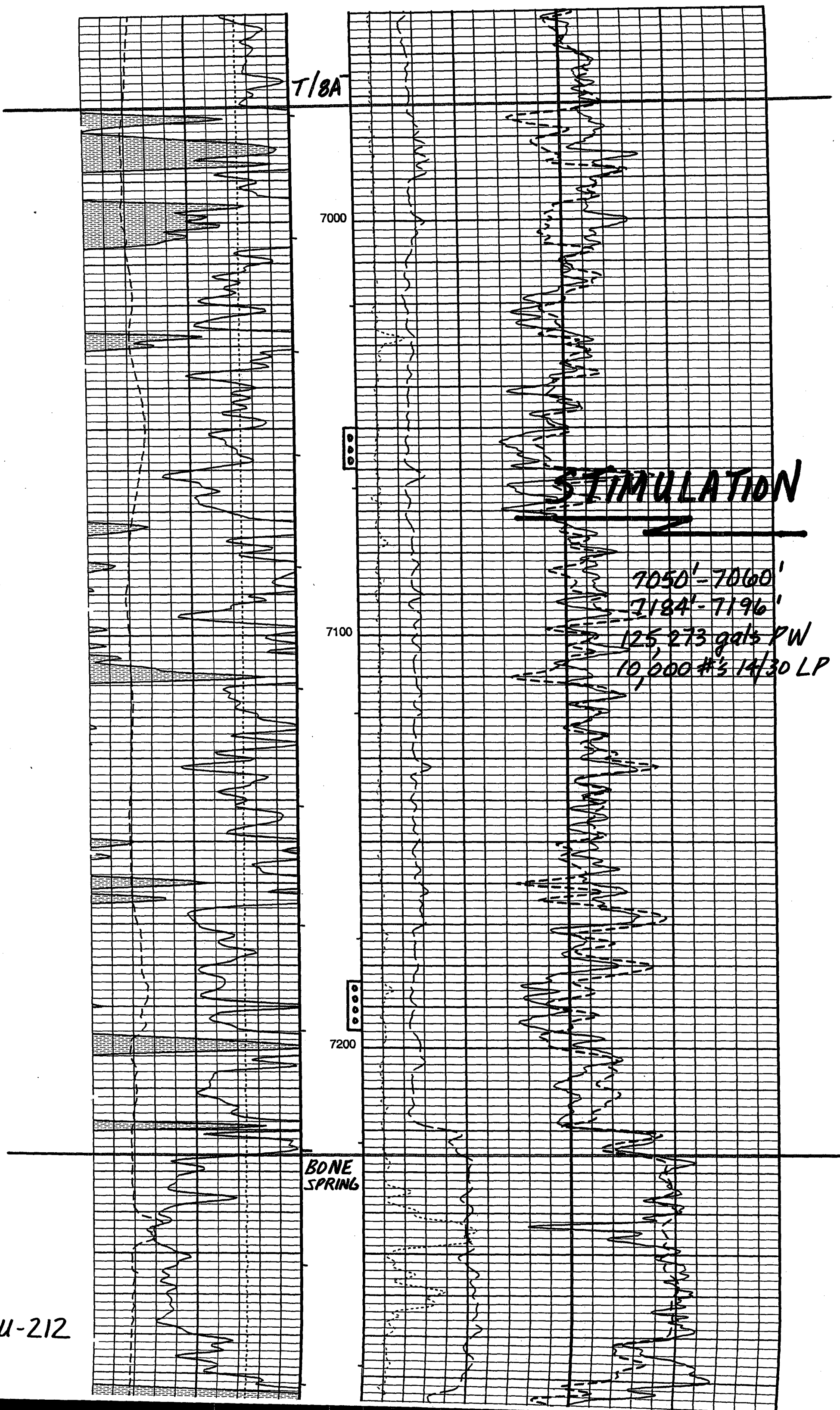
Time Mark Every 60 S

Cable Tension (TENS)	HRMS Caliper (HCAL)	GR (GR)	Gamma Ray on Backup	Thermal Neutron Porosity (TNPH)	Stan Res Formation Pe Factor (PEFZ)	HRDD Density Correction (HDRA)	Stan Res Density Porosity [2.71] (DPHZ)
(LBF)	(IN)	(GAPI)		(V/V)	(—)	(G/C3)	(V/V)
10000	6	0		0.3	0	-0.05	0.3
					10	0.45	

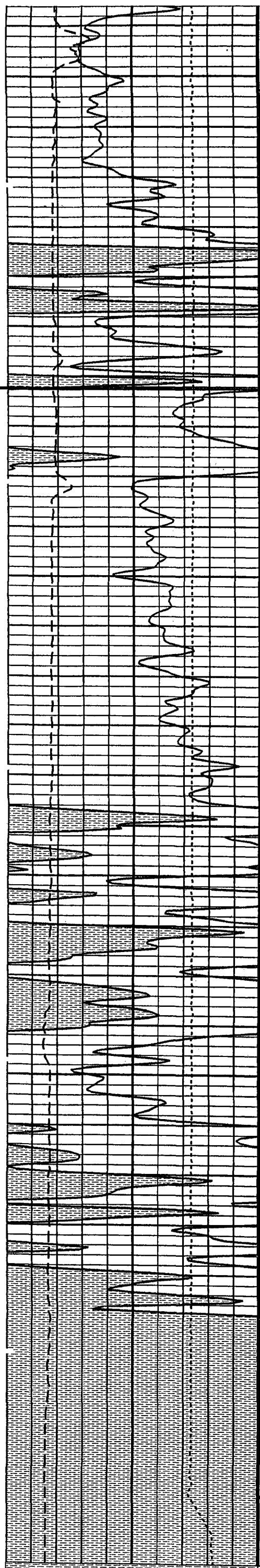
LU-212



PLU-212



24-212



AVALON

7300

7400

FR GR- 7500

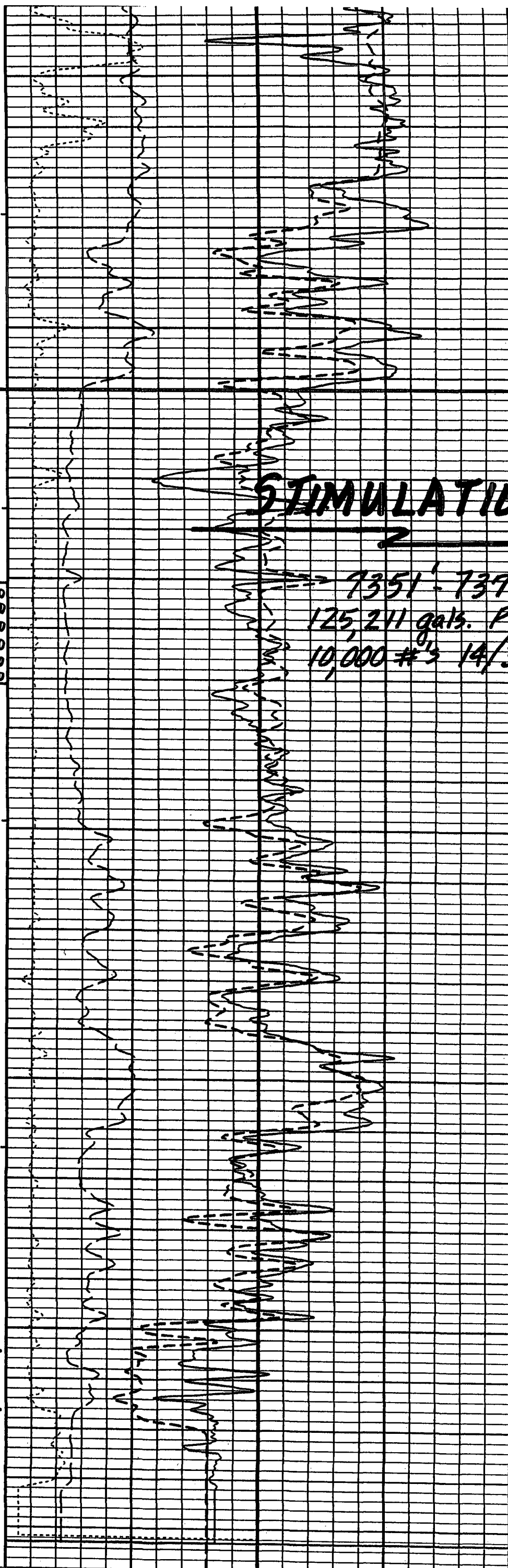
FR CNL-

FR TLD-

TD-

Gamma Ray on Backup

GR (GR)		
(GAPI)		
0		100
HRMS Caliper (HCAL)		
(IN)		
0		16



SIMULATION

7351'-7371'
125,211 gals. PW
10,000 #'s 14/30 LP

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 (PEF2)
(-)

0

10

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #212

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 660' FSL & 1980' FEL
Well: Poker Lake Unit #212
Company: Bass Enterprises Production Co

Schlumberger
Platform Express
Array Induction Tool
Micro-CFL / Gamma Ray

660' FSL & 1980' FEL
Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elev.: KB. 3181 ft
G.L. 3164 ft
D.F. 3180 ft
Elev.: 3164 ft
17.0 ft above Perm. Datum

API Serial No. 30-015-33915
SECTION 18
TOWNSHIP 24S
RANGE 30E

Logging Date 2-Nov-2005

Run Number One

Depth Driller 7530 ft

Schlumberger Depth 7535 ft

Bottom Log Interval 7527 ft

Top Log Interval 3200 ft

Casing Driller Size @ Depth 8.625 in @ 640 ft

Casing Schlumberger 641 ft

Bit Size 7.875 in

Type Fluid In Hole Brine / Diesel

Density 9.1 lbm/gal

Viscosity 40 s

Fluid Loss PH 9

Source Of Sample Circulation Tank

RM @ Measured Temperature 0.127 ohm.m @ 92 degF

RMF @ Measured Temperature @

RMF @ Measured Temperature @

Source RMF RMF

RM @ MRT Measured

RMF @ MRT 0.095 @ 125

Maximum Recorded Temperatures 125 degF @ 125

Circulation Stopped 2-Nov-2005 2:00

Logger On Bottom 2-Nov-2005 9:10

Unit Number 3049

Recorded By R.Chung

Witnessed By Simlanne Hayden

OP System Version: 12C0-301
MCM

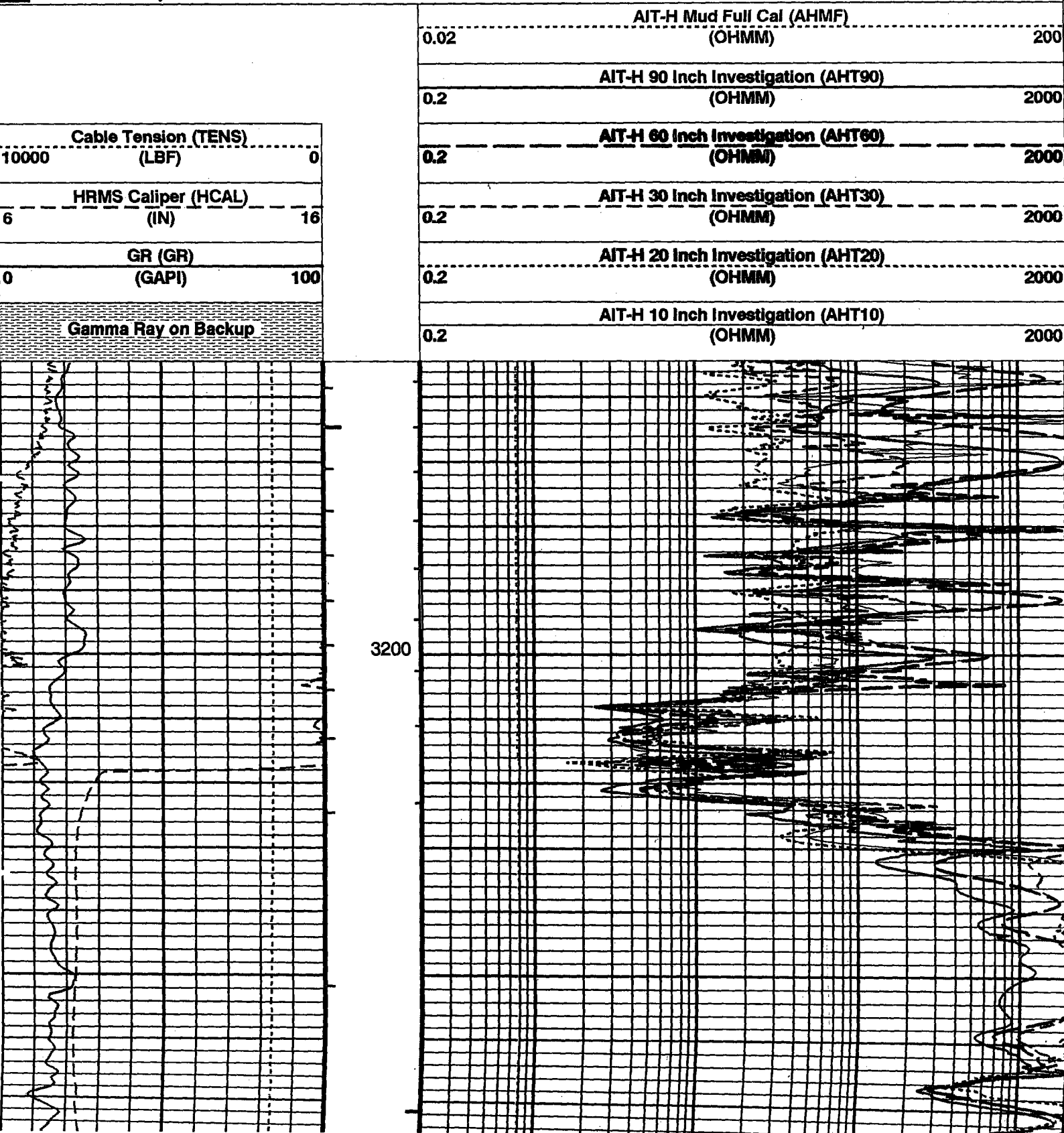
HILTB-CTS SRPC-2699-HILT

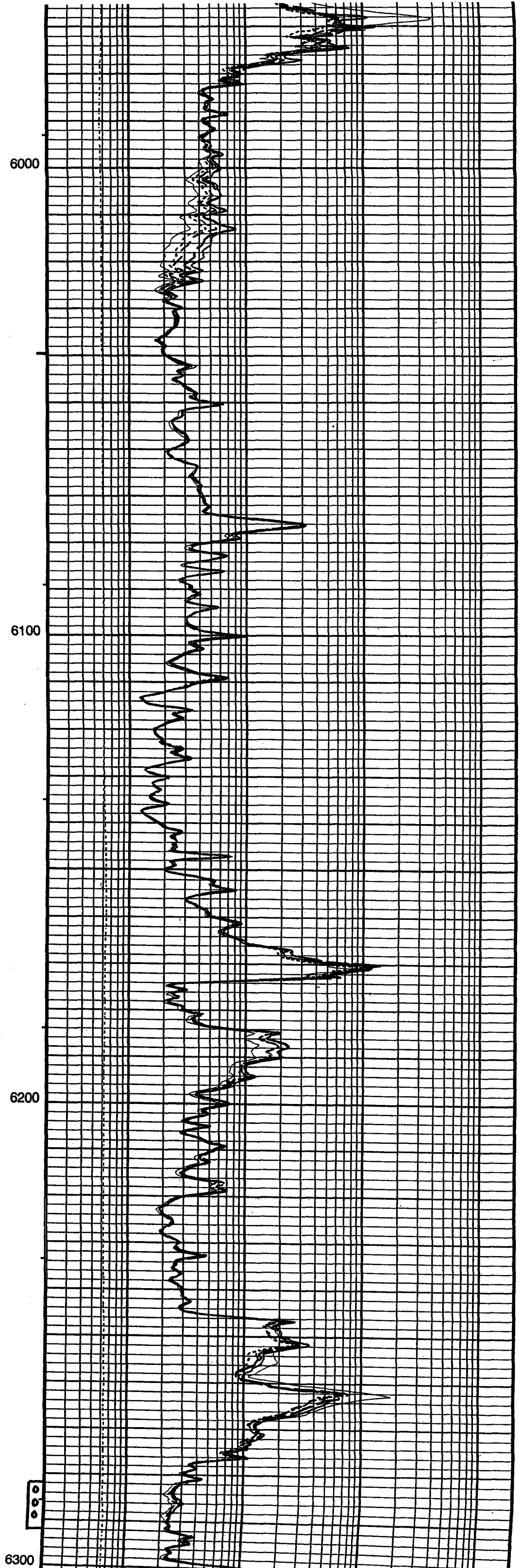
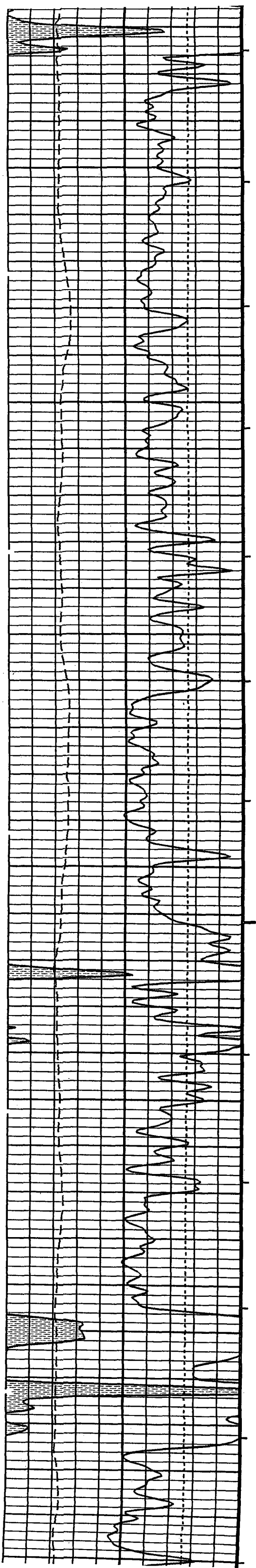
PIP SUMMARY

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

MAIN PASS 5" = 100'

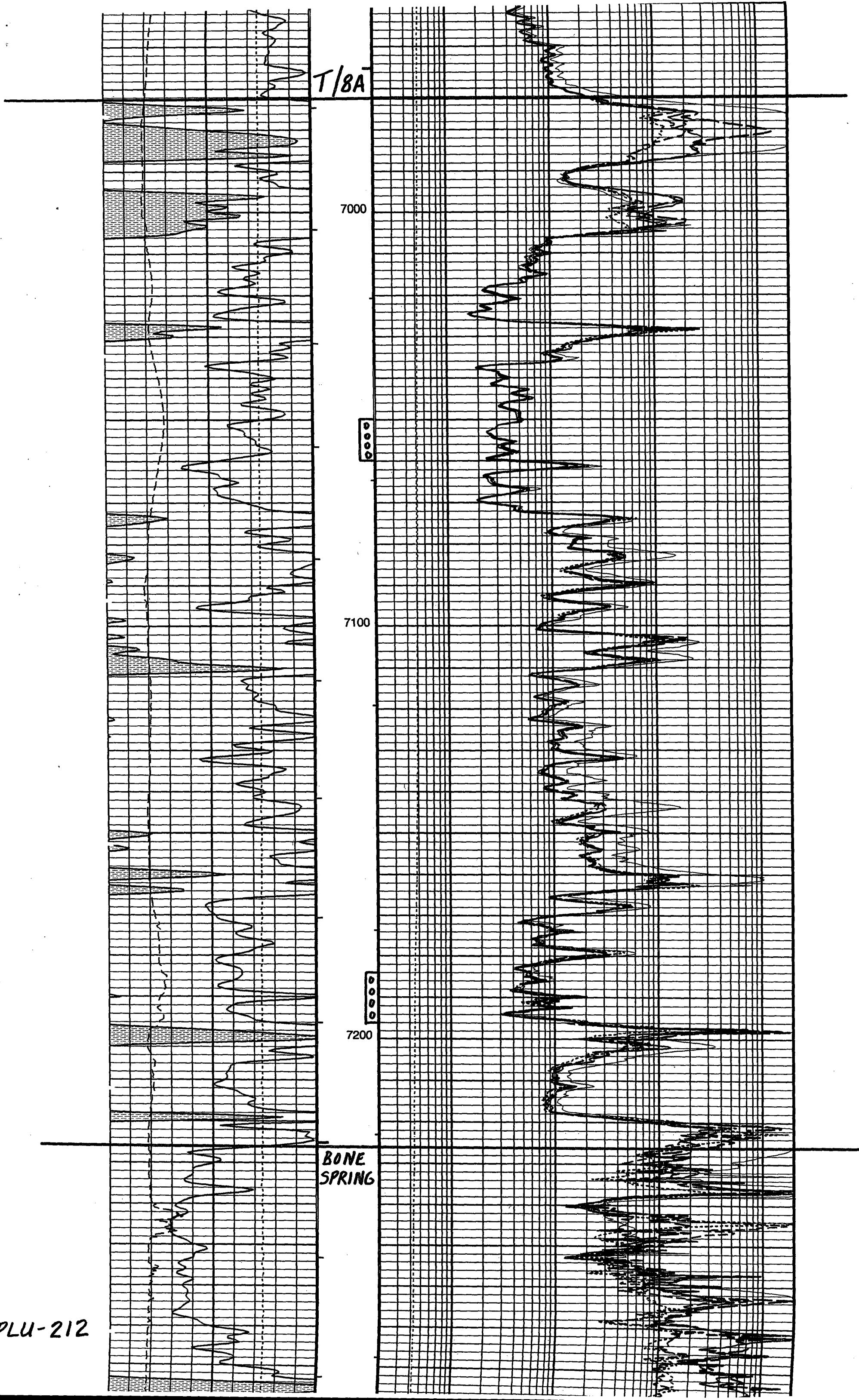
Time Mark Every 60 S

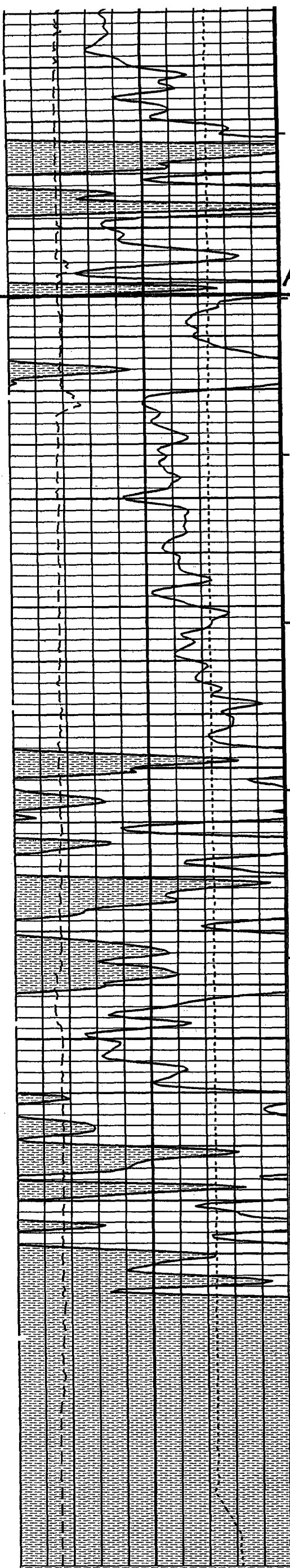




2LU-212

PLU-212





7300

AVALON

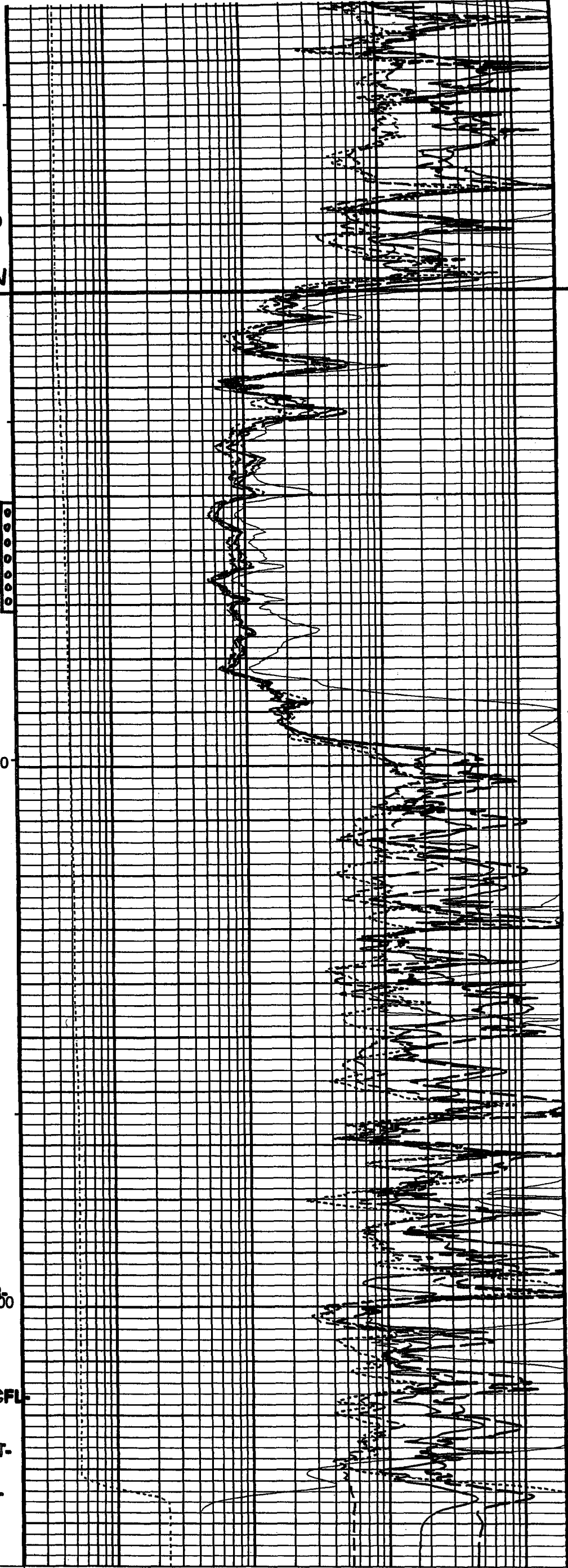
7400

FR GR
7500

FR MCFL

FR AIT

TD



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

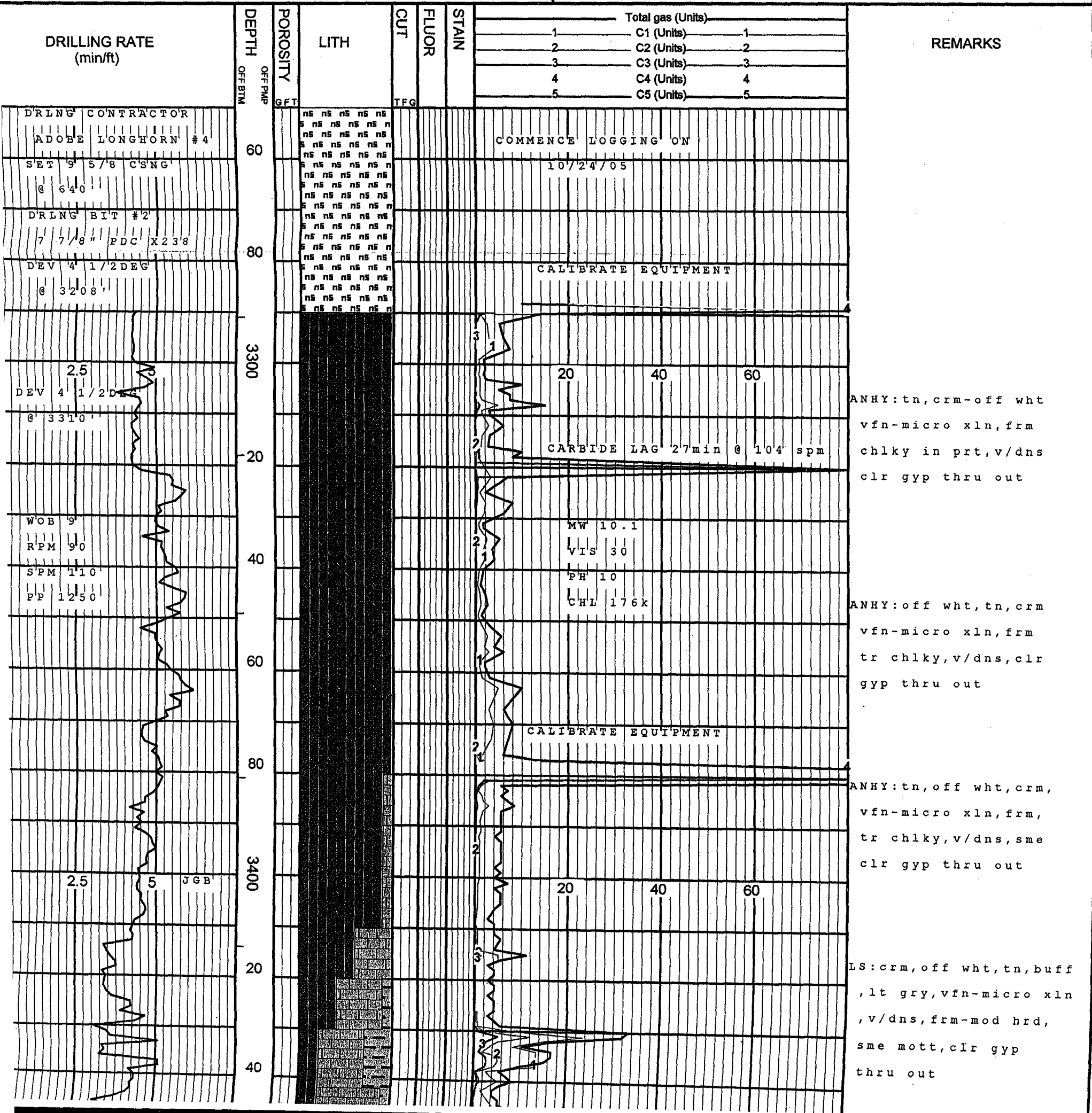
PLU-212

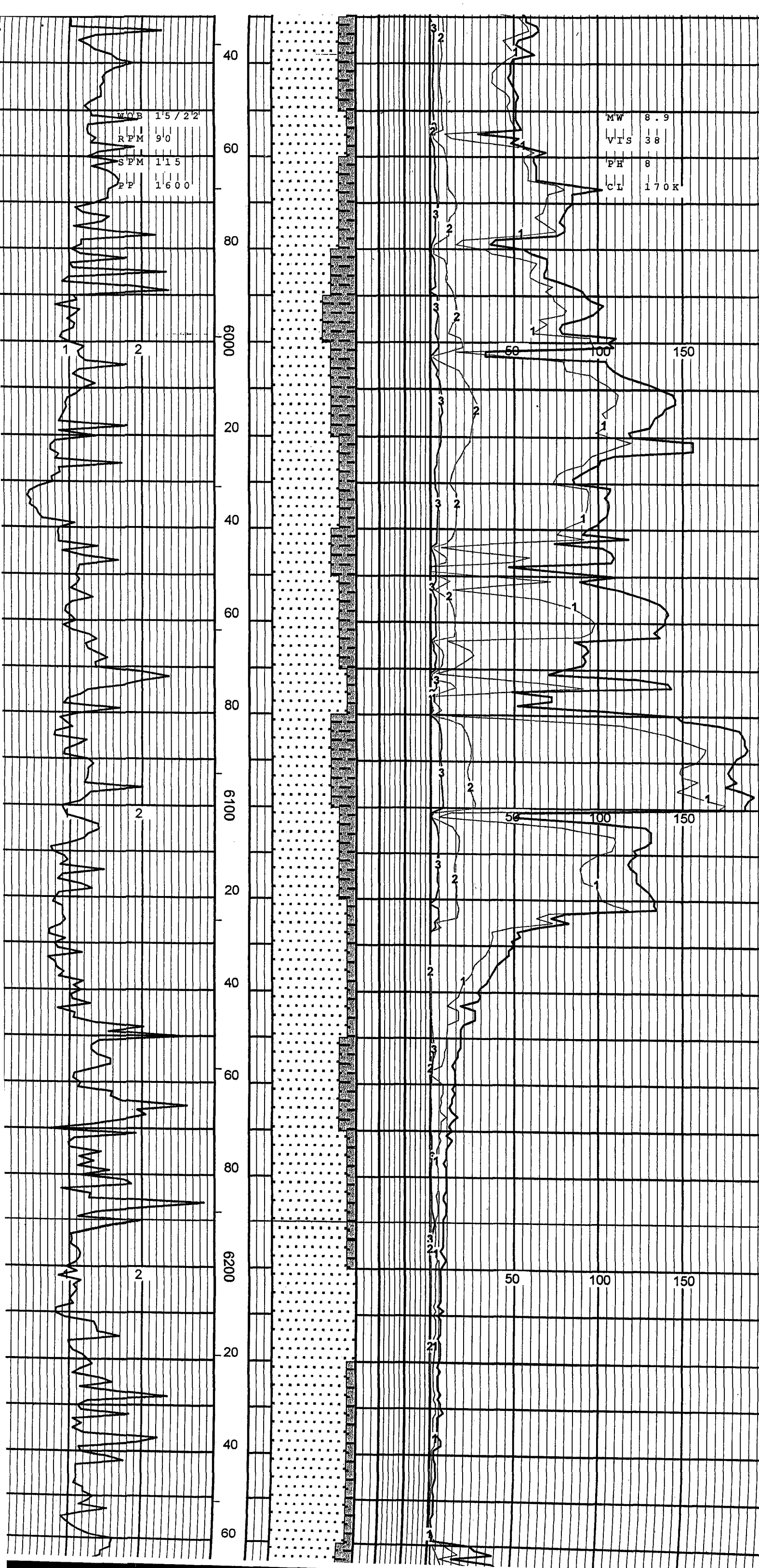
Company: BASS ENTERPRISES
Well: POKER LAKE UNIT No. 212
Location: Sec: 18 Twn: 24S Rge: 30E Blk:
Survey: 660' FSL & 1980' FEL API: 30-015-33915
County: EDDY State: NM
Elevation: KB: 3179' GL: 3162'
Contractor: ADOBE LONGHORN Spud Date:
Depth Logged: From: 3290' To: 7530'
Date Logged: From: 10/24/05 To: 11/1/2005
Logger: THOMPSON/BROADSTREET Unit: 19

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





thru out, sme

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

SS: frstd, lt gry, clr tn vfn. fn gr, sub rnd-rndd, sub ang, lsly con sol, sme unconsol, wll srted, prly cmted, silic mtrx, abt free wht/gry mott clay thru out

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

SS: frstd, lt gry, gry, tn crm, vfn-fn gr, sub rnd-rndd, sub ang, lsly con sol, sme unconsol, wll srted, prly cmted, silic mtrx, abt free wht/gry mott clay, sme clr gyp

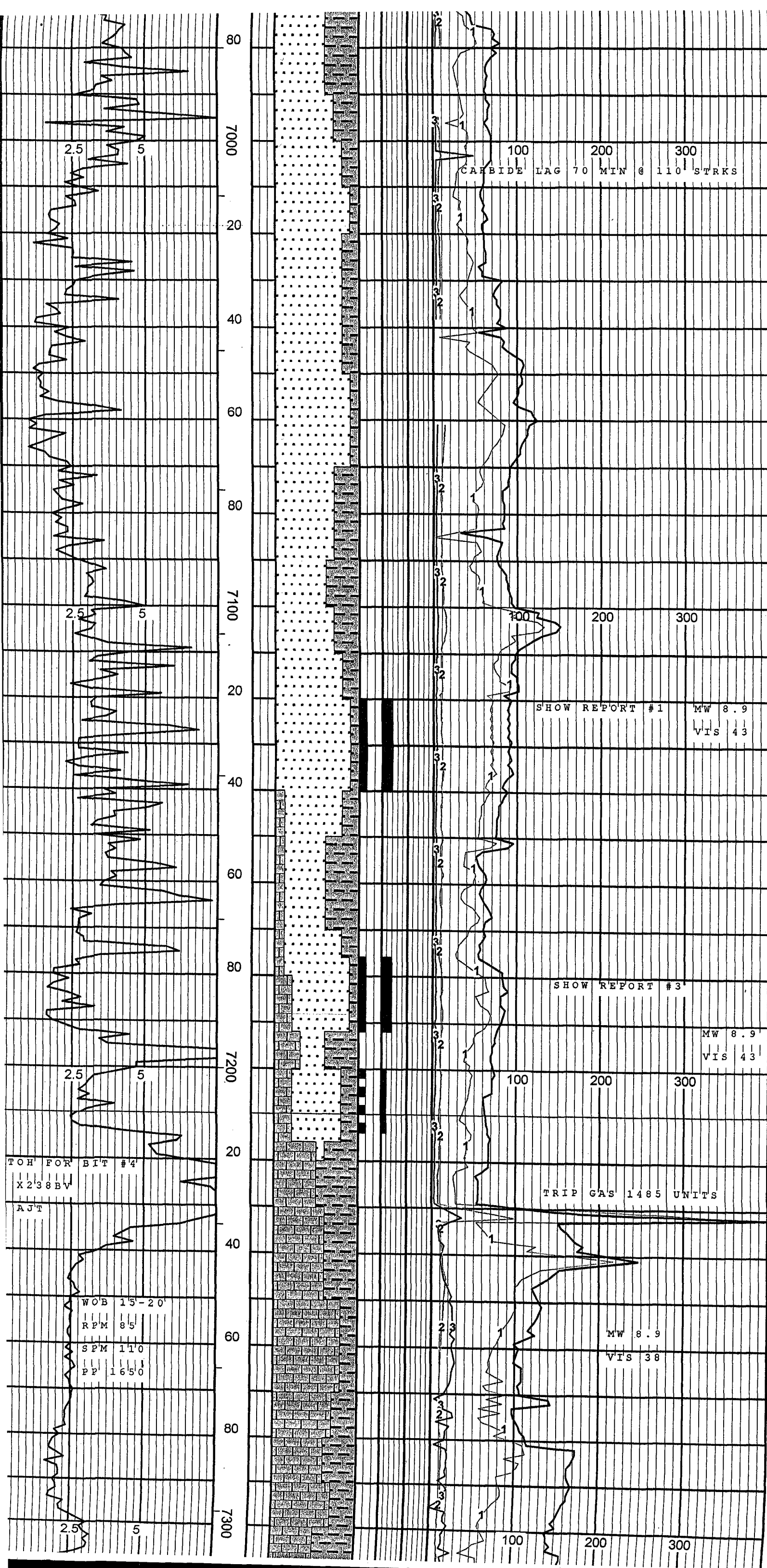
SH: drk gry, gry, drk brn , blk, blk, rthy, frm-mod hrd, tr pyr

SS: frstd, lt gry, clr, tn , crm, vfn-fn gr, sub rn-rndd, sub ang, lsly co nsol, sme unconsol, wll srted, prly cmted, silic mtrx, fr amt free wht/gry mott cly

PLU-212

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

SS: frstd, lt gry, crm, tn



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

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

SS: frstd, lt gry, tn, clr
vfn gr, occ fn gr, sub
rnd-sub ang, unconsol-
lsly consol, frly srted
frly cmted, silic mtrx
20-30% dll ylw fluor
tr-fr pale mlky ylw
wet cut

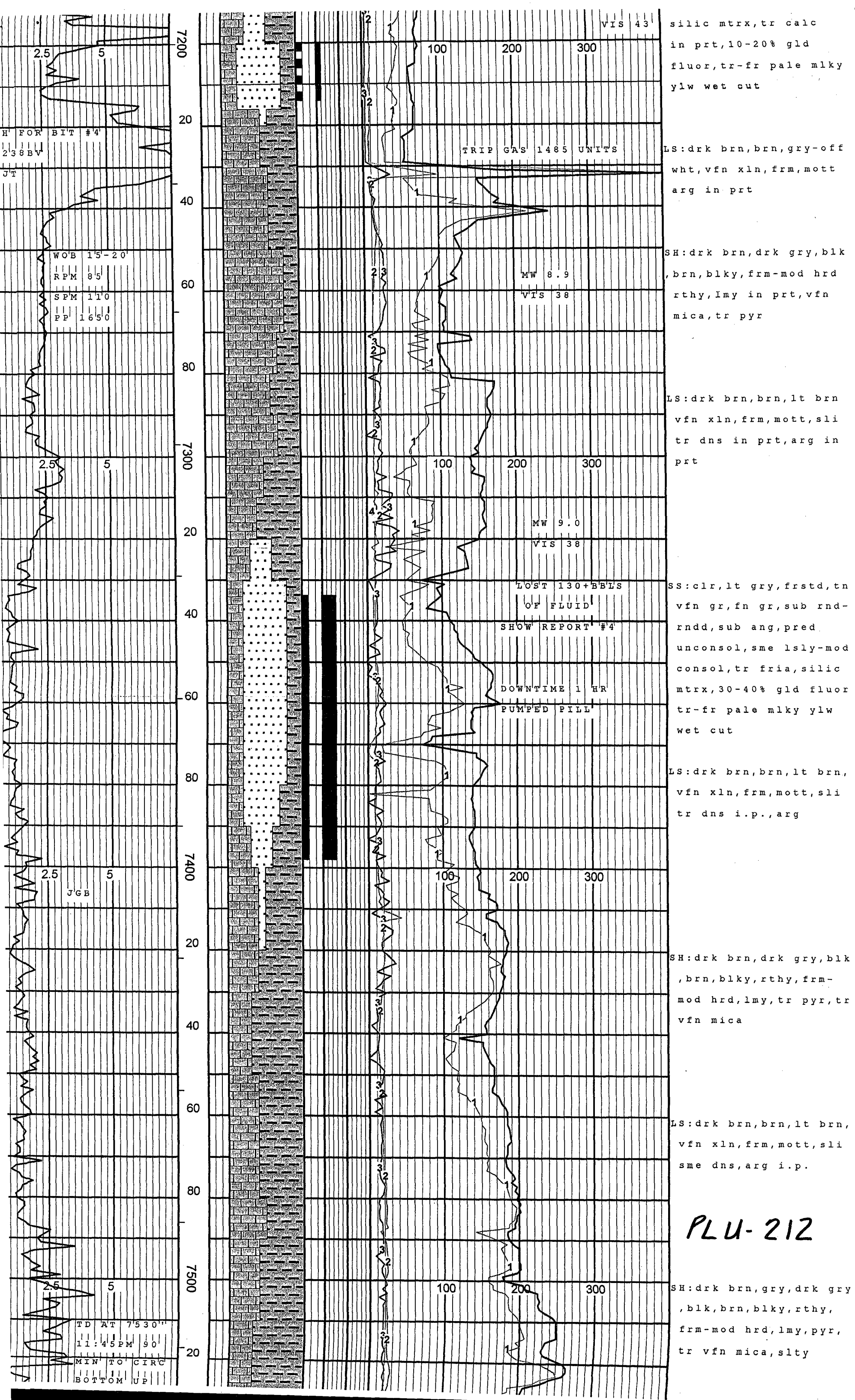
SS: frstd, tn, lt gry, clr
vfn gr, sub rnd-sub
ang, lsly-mod consol
tr unconsol, wll srted,
frly-mod cmted, tr fria
silic mtrx, tr calc
in prt, 10-20% gld
fluor, tr-fr pale mlky
ylw wet cut

LS: drk brn, brn, gry-off
wht, vfn xln, frm, mott
arg in prt

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

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

PLU-212



silic mtrx, tr calc
in prt, 10-20% gld
fluor, tr-fr pale mlky
ylw wet cut

LS: drk brn, brn, gry-off
wht, vfn xln, frm, mott
arg in prt

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

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

SS: clr, lt gry, frstd, tn
vfn gr, fn gr, sub rnd-
rndd, sub ang, pred
unconsol, sme lsly-mod
consol, tr fria, silic
mtrx, 30-40% gld fluor
tr-fr pale mlky ylw
wet cut

LS: drk brn, brn, lt brn,
vfn xln, frm, mott, sli
tr dns i.p., arg

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

LS: drk brn, brn, lt brn,
vfn xln, frm, mott, sli
sme dns, arg i.p.

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

PLU-212