

PLU # 219

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #219

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 1730' FSL & 2280' FWL
Well: Poker Lake Unit #219
Company: Bass Enterprises Production Co

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

1730' FSL & 2280' FWL

Elev.: K.B. 3173.3 ft
G.L. 3155.5 ft
D.F. 3172 ft

Permanent Datum: _____
Ground Level _____
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing

Elev.: 3155.5 ft
17.8 ft above Perm. Datum

API Serial No.
30-015-34636

SECTION
19

TOWNSHIP
24S

RANGE
30E

Logging Date
13-Jun-2006

Run Number
One

Depth Driller
7496 ft

Schlumberger Depth
7496 ft

Bottom Log Interval
7478 ft

Top Log Interval
200 ft

Casing Driller Size @ Depth
8.625 in @ 667 ft

Casing Schlumberger
654 ft

Bit Size
7.875 in

Type Fluid in Hole
Emulsion

Density
9.1 lbm/gal

Viscosity
45 s

PH
10

Source Of Sample
Circulation Tank

RM @ Measured Temperature
0.082 ohm.m @ 98 degF

RMF @ Measured Temperature
@ @

RMC @ Measured Temperature
@ @

Source RMF
Measured

RM @ MRT
0.065 @ 125 @ 125 @

Maximum Recorded Temperatures
125 degF

ped
13-Jun-2006 10:30

Time
13-Jun-2006 15:15

Location
3049 Fossil, N.M.

Ray Chung and Daniel Martinez

Brian Piegger

Changed Parameter Summary

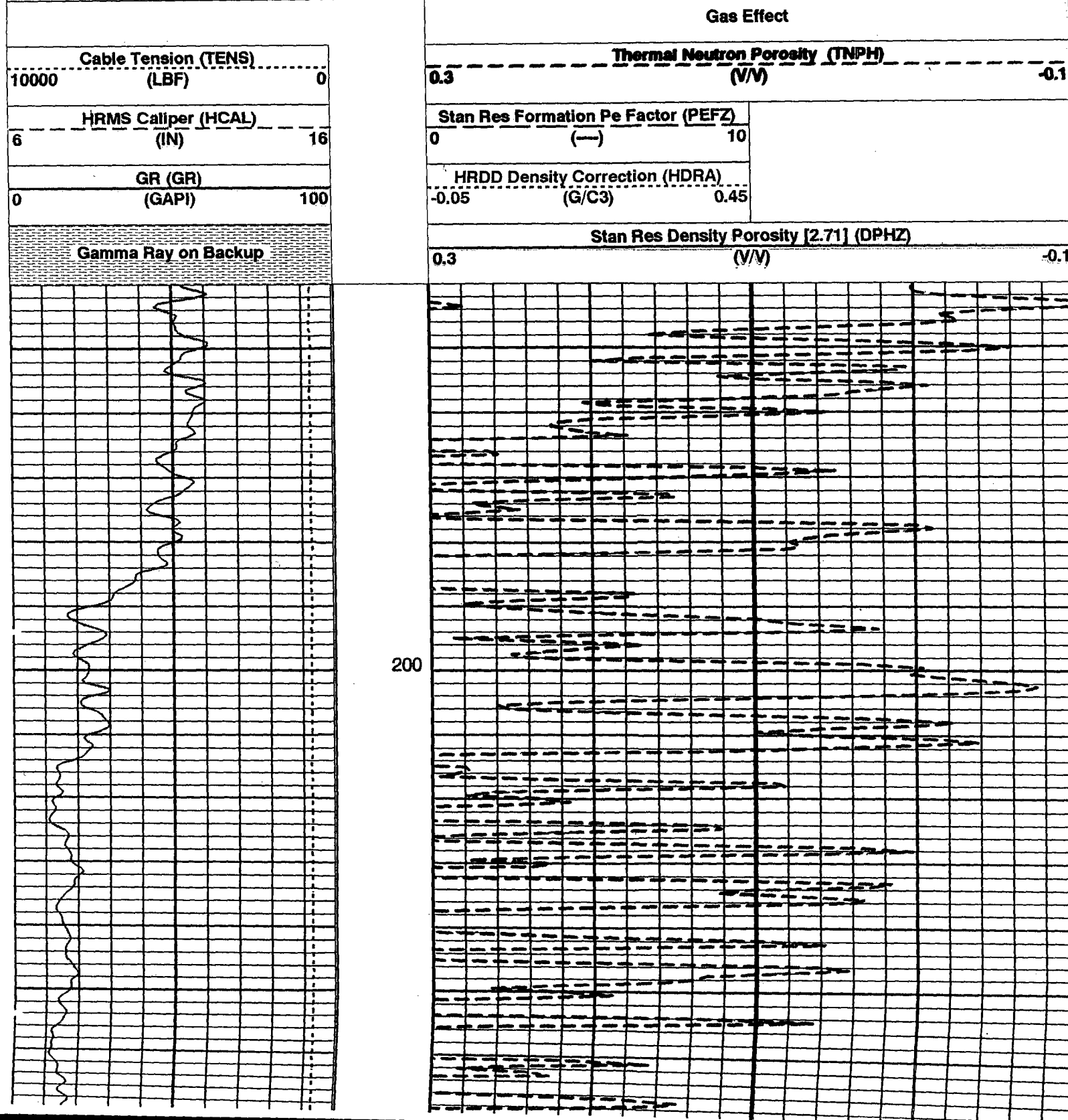
DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	638.0 18:12:52
GCSE	BS	HCAL	638.0 18:13:27

PIP SUMMARY

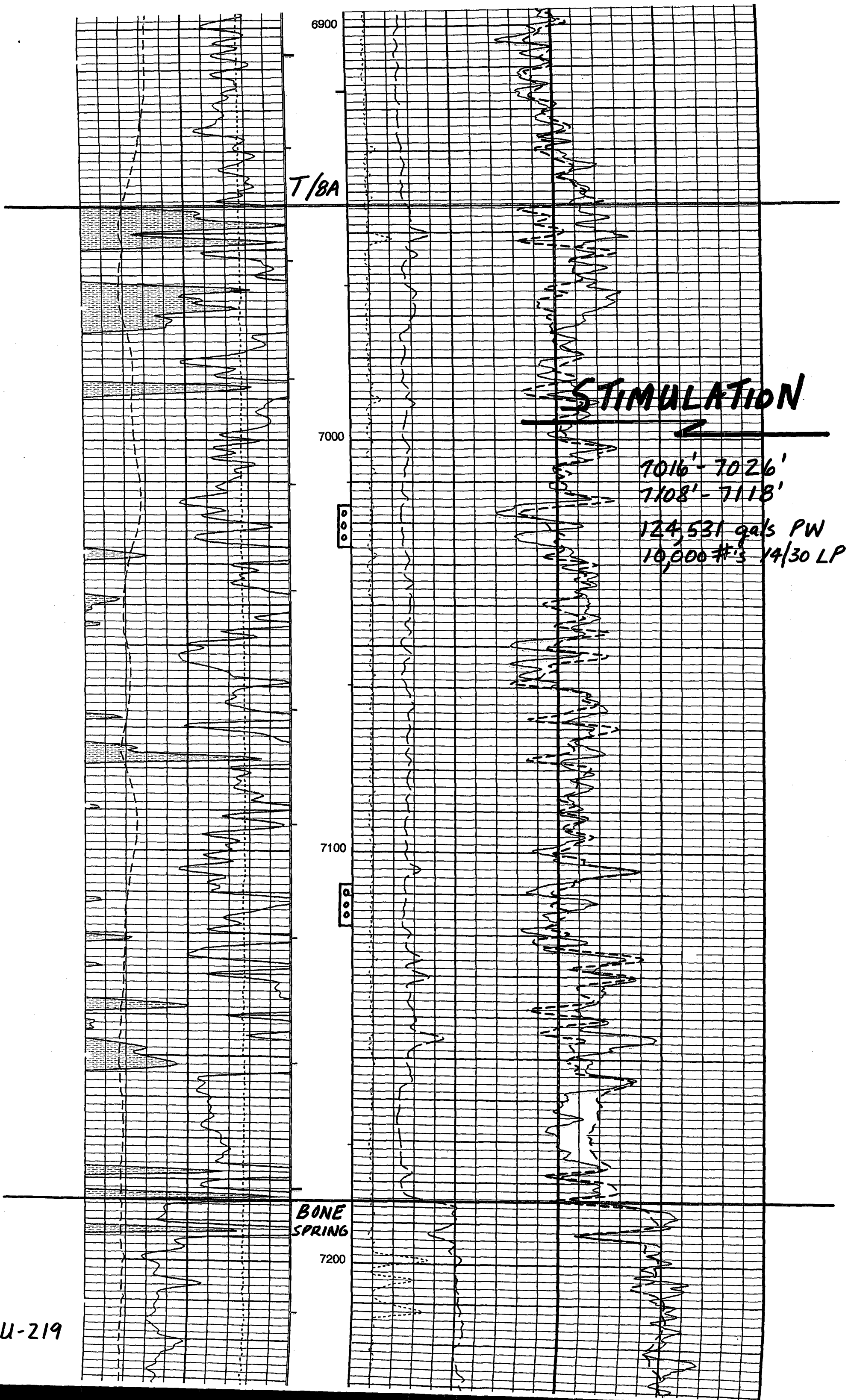
- Integrated Borehole Volume Every 10 F3
- Integrated Borehole Volume Every 100 F3
- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

MAIN PASS 5" = 100'

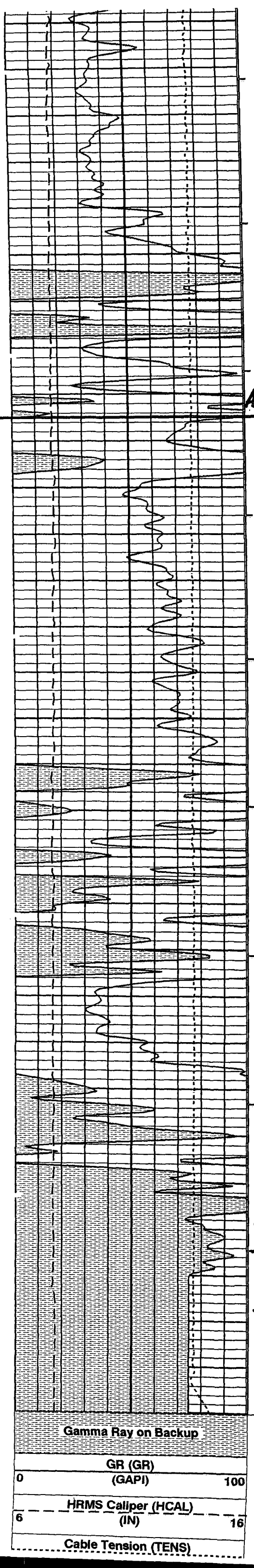
Time Mark Every 60 S



7LU-219



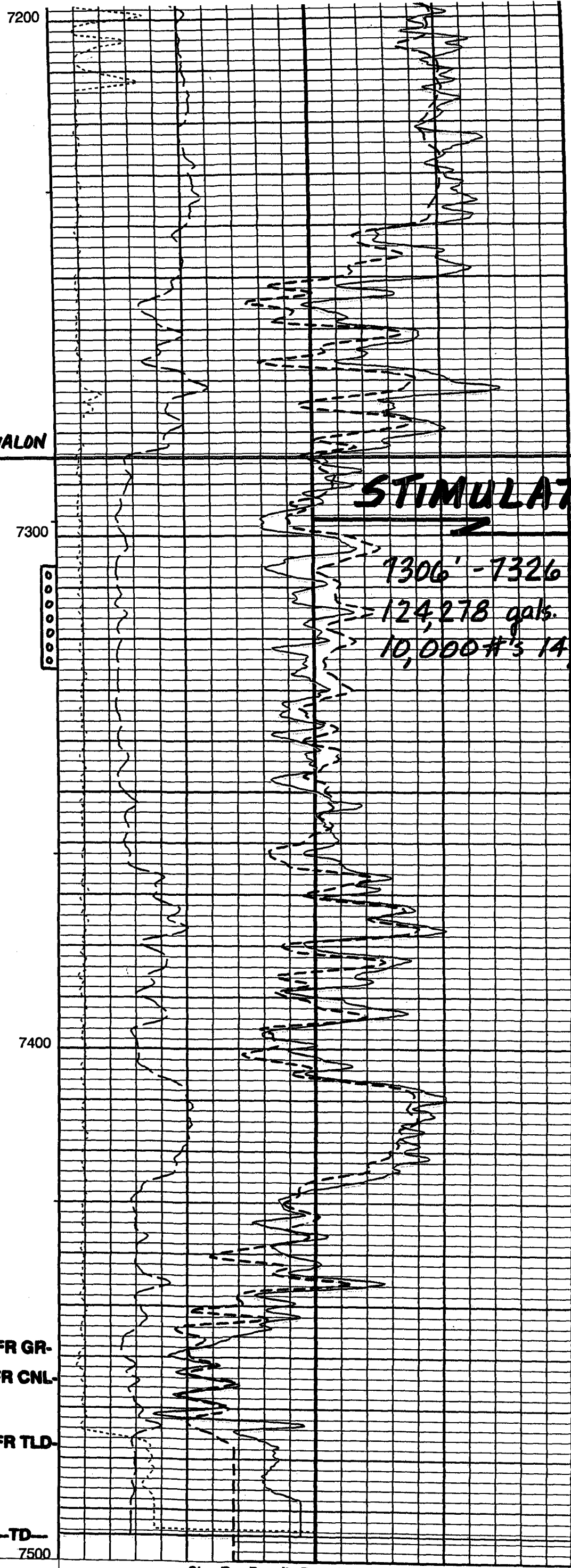
PLU-219



AVALON

-FR GR-
-FR CNL-
-FR TLD-
--TD--

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

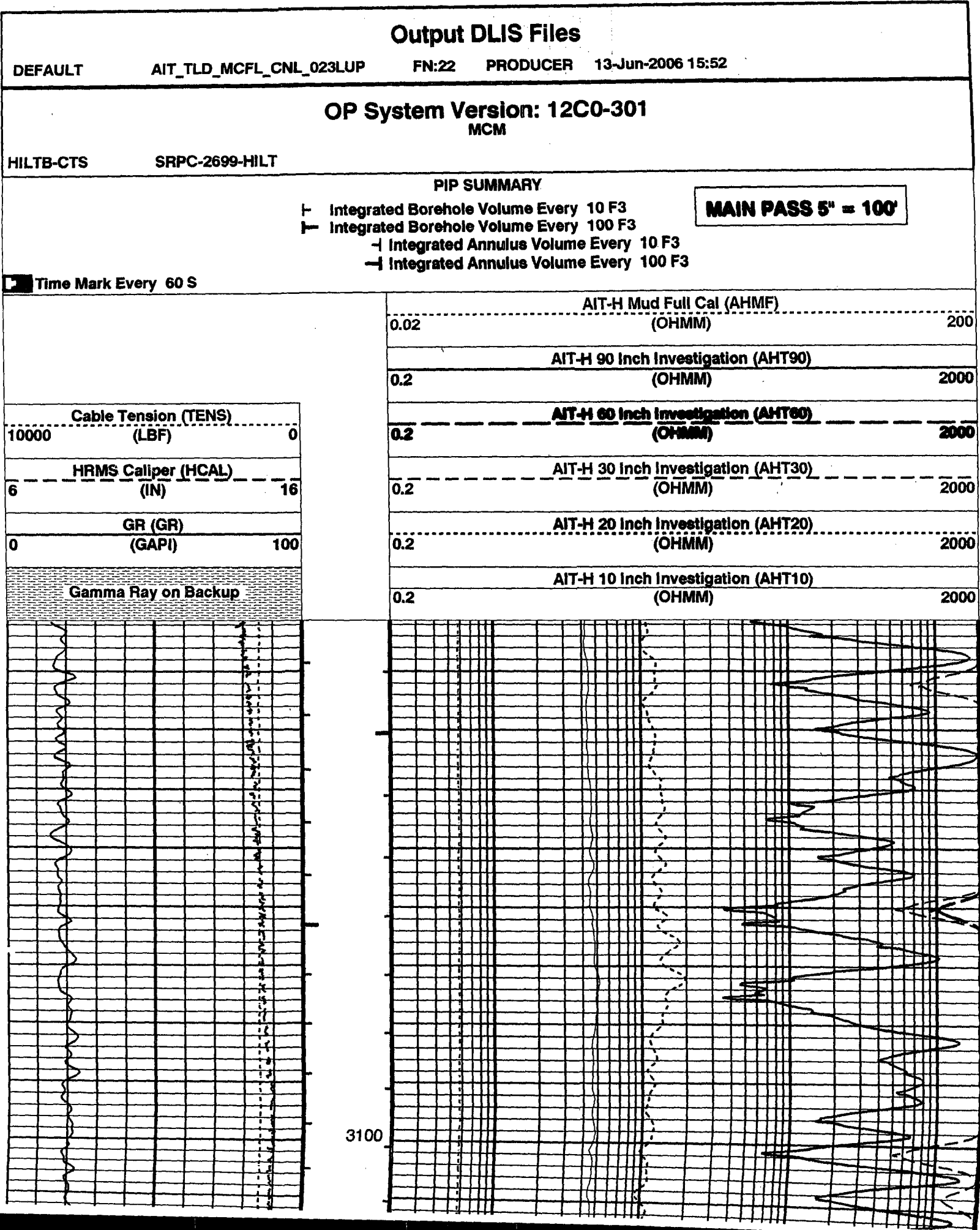


STIMULATION

7306' - 7326'
124,278 gals. PW
10,000 #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)		

COMPANY: Bass Enterprises Production Company									
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FIELD: Nash Draw (Delaware)									
COUNTY: Eddy STATE: New Mexico									
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Schlumberger Platform Express Array Induction Tool Micro CFL / GR									
1730' FSL & 2280' FWL									
Elev.: K.B. 3173.3 ft G.L. 3155.5 ft D.F. 3172 ft									
Permanent Datum: Ground Level									
Log Measured From: Kelly Bushing									
Drilling Measured From: Kelly Bushing									
API Serial No. 30-015-34636									
SECTION 19									
TOWNSHIP 24S									
RANGE 30E									
Logging Date 13-Jun-2006									
Run Number One									
Depth Driller 7496 ft									
Schlumberger Depth 7496 ft									
Bottom Log Interval 7488 ft									
Top Log Interval 3100 ft									
Casing Driller Size @ Depth 8.625 in @ 667 ft									
Casing Schlumberger 654 ft									
Bit Size 7.875 in									
Type Fluid In Hole Emulsion									
Density 9.1 lbm/gal									
Viscosity 45 s									
PH 10									
Source Of Sample Circulation Tank									
RM @ Measured Temperature 0.082 ohm.m @ 98 degF									
RMF @ Measured Temperature @ @									
FMC @ Measured Temperature @ @									
Source RMF Measured									
RM @ MRT 0.065 @ 125 @ 125									
Maximum Recorded Temperatures 125 degF @ 10:30									
Circulation Stopped 13-Jun-2006 15:15									
Logger On Bottom 13-Jun-2006 15:15									
Unit Number 3049 Roswell, N.M.									
Recorded By Ray Chung and Daniel Martinez									
Witnessed By Brian Pregarer									



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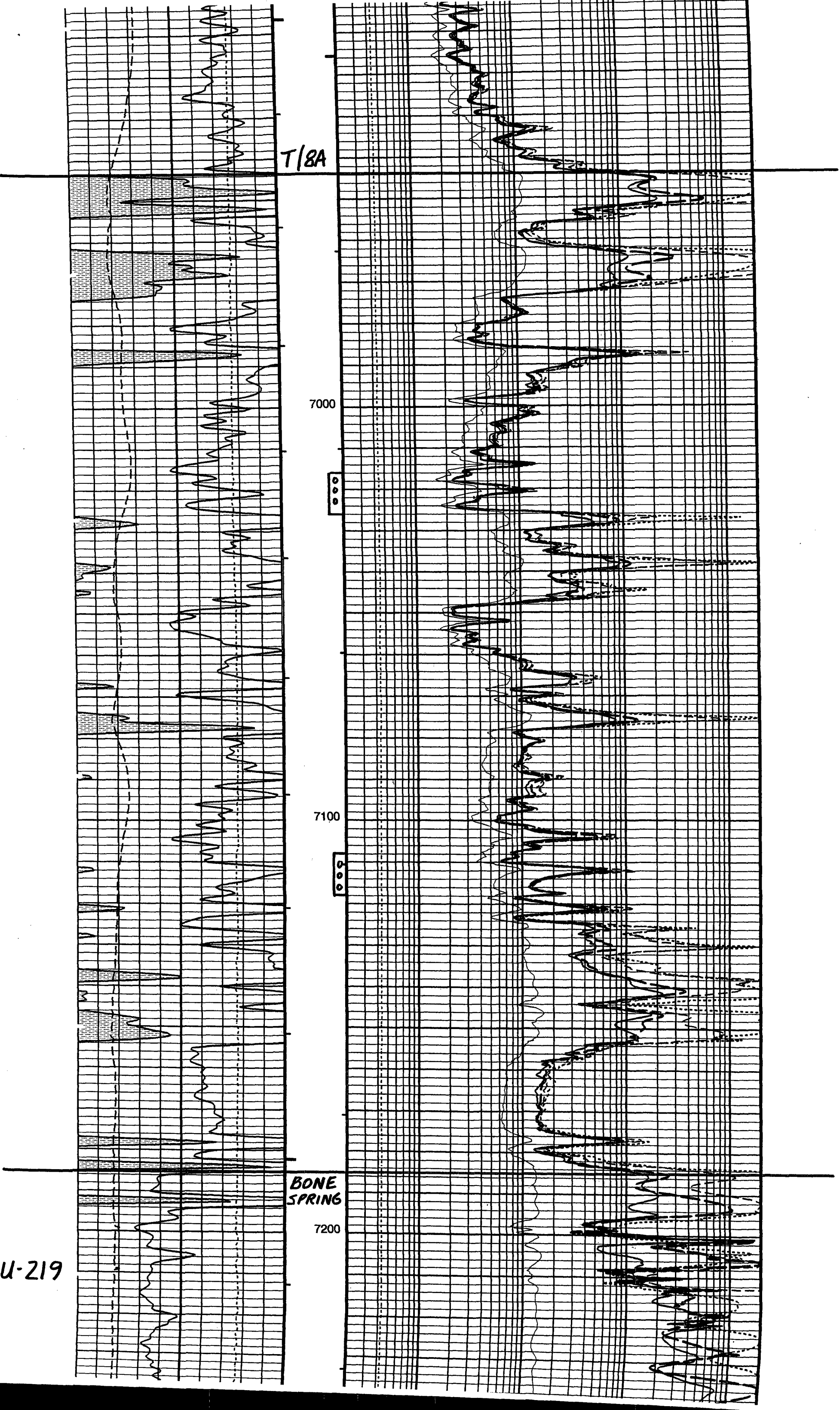
T/8A

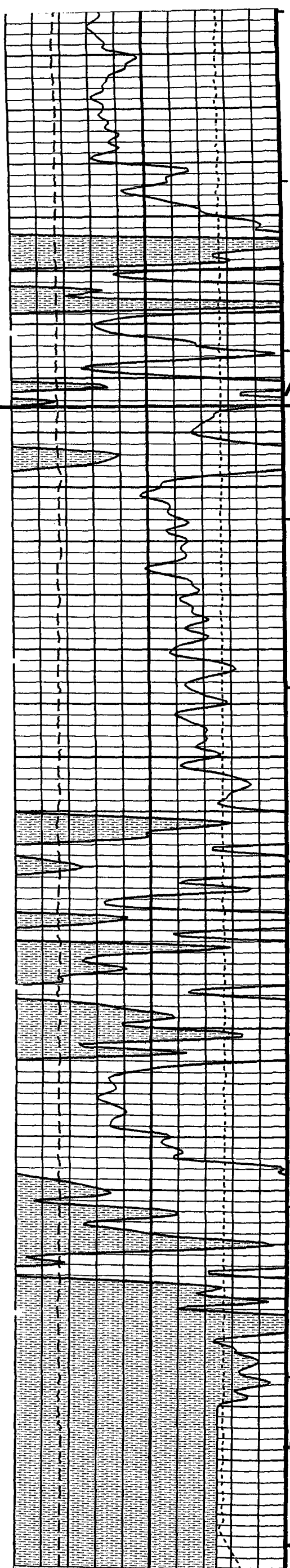
7000

7100

BONE
SPRING

7200





AVALON

7300



7400

-FR GR-

-FR MCFL-

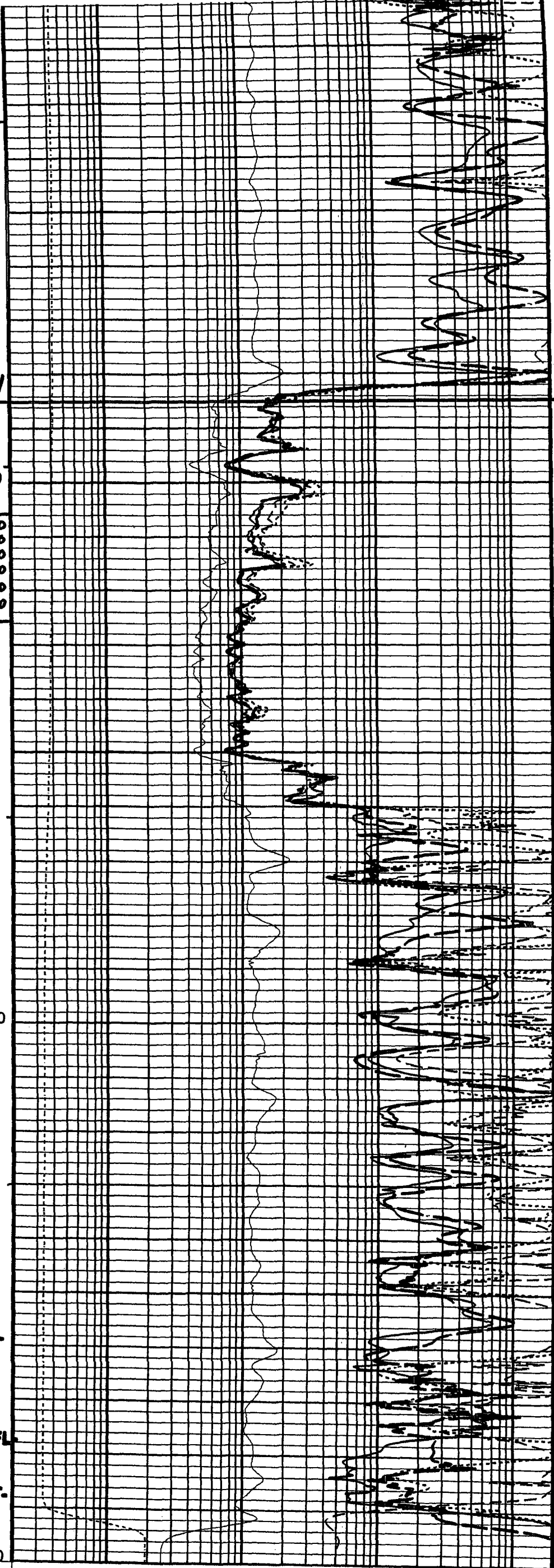
-FR AIT-

-TD-

7500

LU-219

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

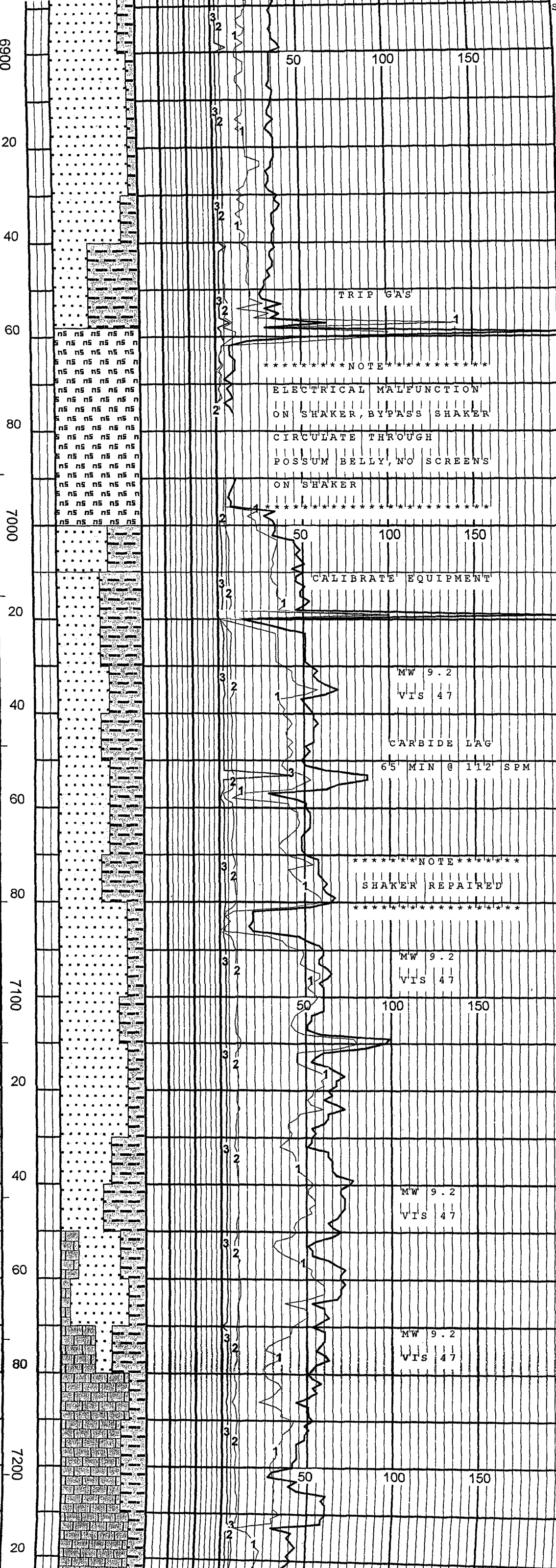
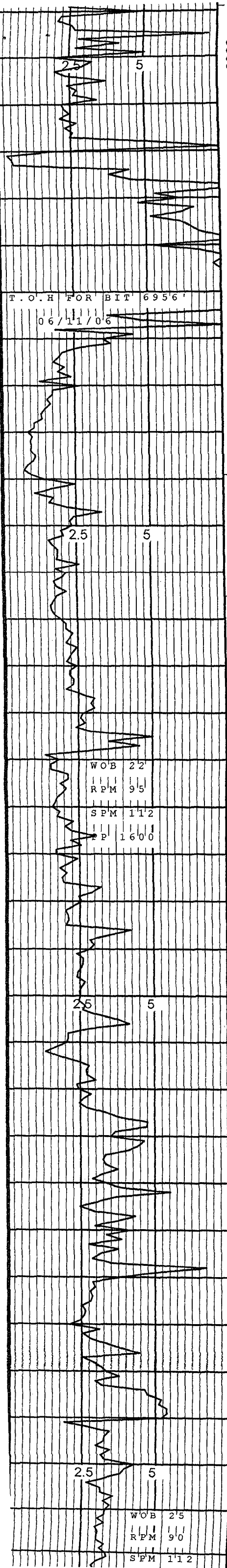


AIT-H 10 Inch Investigation (AHT10)		
(OHMM)		
0.2		2000
AIT-H 20 Inch Investigation (AHT20)		
(OHMM)		
0.2		2000
AIT-H 30 Inch Investigation (AHT30)		
(OHMM)		
0.2		2000
AIT-H 60 Inch Investigation (AHT60)		
(OHMM)		
0.2		2000
AIT-H 90 Inch Investigation (AHT90)		
(OHMM)		
0.2		2000

Carlsbad, New Mexico - (800) 748-2340

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

[illegible]



SH: drk gry, drk brn, blk
v/drk brn, gry, blk, y,
rthy, frm, carb i.p., tr
pyr, tr vfn mica

SS: frstd, clr, lt gry, tn
vfn-fn gr, sub rnd-
rndd-sub ang, unconsol
lsly consol, wll/frly
srtd, prly cmtd, abt
free wht/gry clys
thru out

TRIP GAS

*****NOTE*****
ELECTRICAL MALFUNCTION
ON SHAKER, BYPASS SHAKER
CIRCULATE THROUGH
POSSUM BELLY, NO SCREENS
ON SHAKER

SH: drk gry, gry, drk brn
blk, y, frm, rthy, slty
carb in prt, vfn mica

SS: frstd, lt gry, clr
vfn gr, sub rnd-rndd
sub ang, consol-uncons
wll srtd, frly cmtd
silic mtrx, free wht/
gry mott cly thru out

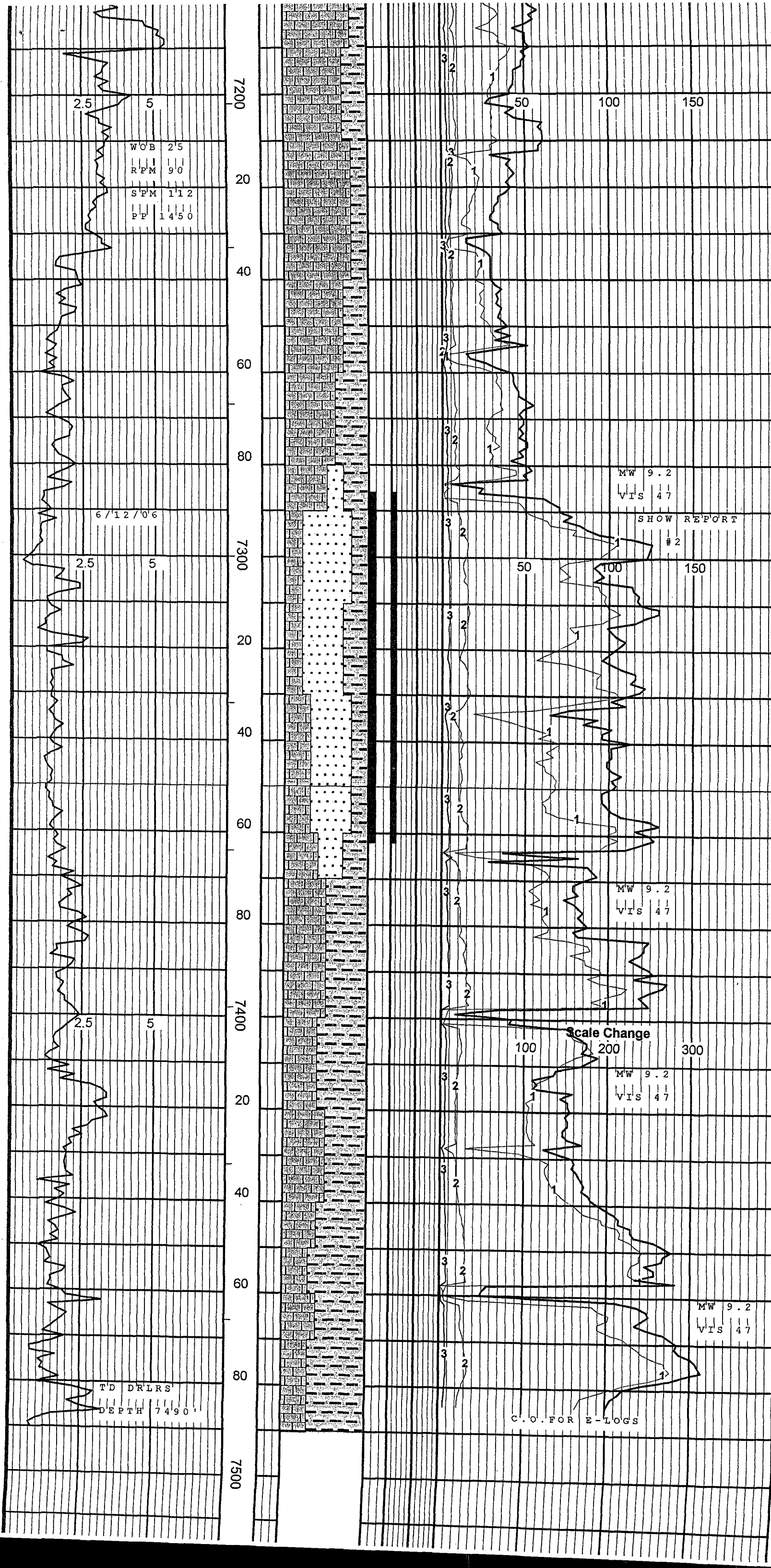
SH: drk gry, gry, blk, drk
brn, blk, y, frm-mod hrd
rthy, carb in prt, slty
vfn mica, tr pyr

SS: frstd, tn, lt gry, clr
vfn gr, occ fn gr, sub
rnd-rndd, sub ang, lsly
consol, sme unconsol
frly srtd, frly cmtd
silic mtrx, sme calc
mtrx, fr amt free wht/
gry mott cly thru out
NO VIS FLUOR OR CUT

SS: frstd, tn, lt gry, clr
vfn gr, sub rnd-rndd
sub ang, lsly consol
sme unconsol, wll srtd
frly cmtd, xalc mtrx
sme silic mtrx, abndnt
free wht/gry mott cly
thru out, NO VIS FLUOR
OR CUT

PLU-219

LS: tn, lt brn, gry, off
wht, vfn xln, frm, chlky
in prt, mott, arg i/n



sme silic mtrx, abund
free wht/gry mott cly
thru out, NO VIS FLUOR
OR CUT

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

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

SS:frstd,lt gry,tn,clr
vfn gr,sme fn gr,sub
rnd-rndd,sub ang,ang
lsly-mod consol,sme
unconsol,frly srtd
frly-mod cmtd,calc
mtrx,sme silic mtrx
fr amt free wht clys
10-20% pale ylw/dll
gld fluor,tr-fr slw
pale ylw wet cut,tr
ylw residue ring

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

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

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

TD DRLRS DEPTH @ 7490
6/12/06 6:30 AM MST

PLU-219