

PLU-221

T/8A

7000

7100

7200

BONE
SPRING
7300

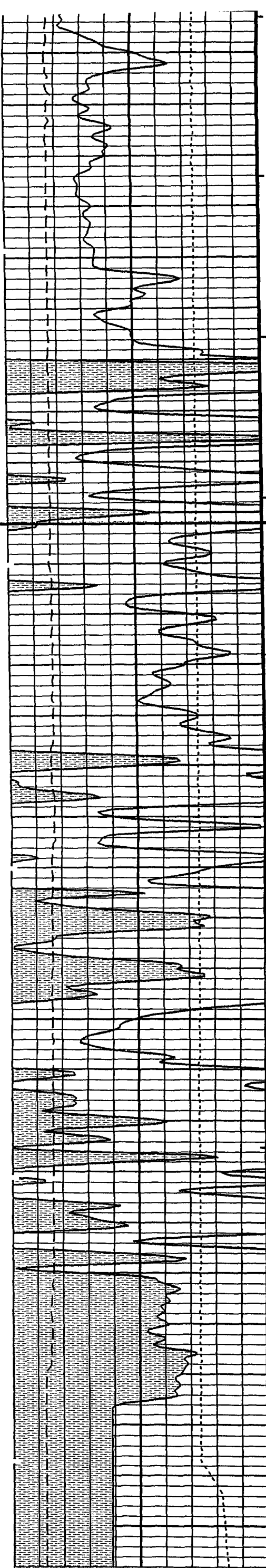
STIMULATION

7208' - 7216'

7260' - 7273'

13,000 gals. PW
10,000 #3 14/30 LP

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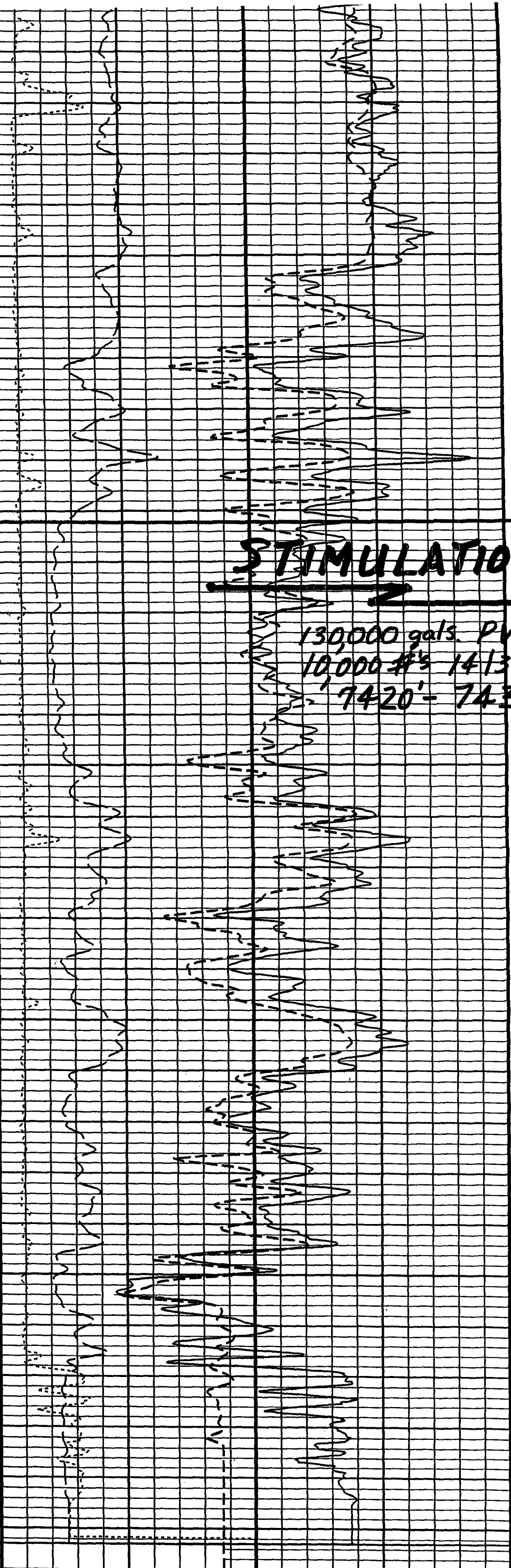


AVALON
7400

7500

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

7600



STIMULATION

130,000 gals. PW
10,000 #s 14/30 LP
7420' - 7430'

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

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

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #221

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 660' FSL & 660' FEL
Well: Poker Lake Unit #221
Company: Bass Enterprises Production Co

Schlumberger		Platform Express Array Induction Tool Gamma Ray	
660' FSL & 660' FEL		Elev.: K.B. 3201.8 ft G.L. 3181.6 ft D.F. 3200.6 ft	
Permanent Datum: Log Measured From: Drilling Measured From:		Ground Level Kelly Bushing Kelly Bushing	
Elev.: 3181.6 ft 20.2 ft above Perm. Datum			
API Serial No. 30-015-33864	SECTION 19	TOWNSHIP 24S	RANGE 30E
Logging Date 6-Jul-2005			
Run Number	One		
Depth Driller	7590 ft		
Schlumberger Depth	7588 ft		
Bottom Log Interval	7580 ft		
Top Log Interval	3100 ft		
Casing Driller Size @ Depth	11.750 in @ 690 ft		
Casing Schlumberger	668 ft		
Bit Size	7.875 in		
Type Fluid In Hole	Emulsion		
Density	Viscosity	63 s	
Fluid Loss	PH	8	
Source Of Sample	Circulation Tank		
RM @ Measured Temperature	0.115 ohm.m	@	104 degF
RMF @ Measured Temperature	@	@	@
RMF @ Measured Temperature	@	@	@
Source RMF	RMF		
RM @ MRT	RMF @ MRT	@ 125	@ 125
Maximum Recorded Temperatures	125 degF		
Circulation Stopped	Time	6-Jul-2005	11:30
Logger On Bottom	Time	6-Jul-2005	18:25
Unit Number	Location	3049	Roswell, N.M.
Recorded By	Brian Bartley		
Witnessed By	Simianne Hayden		

Schlumberger

Main Pass 5" = 100'

MAXIS Field Log

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_013LUP FN:12 PRODUCER 06-Jul-2005 19:04

OP System Version: 12C0-301
MCM

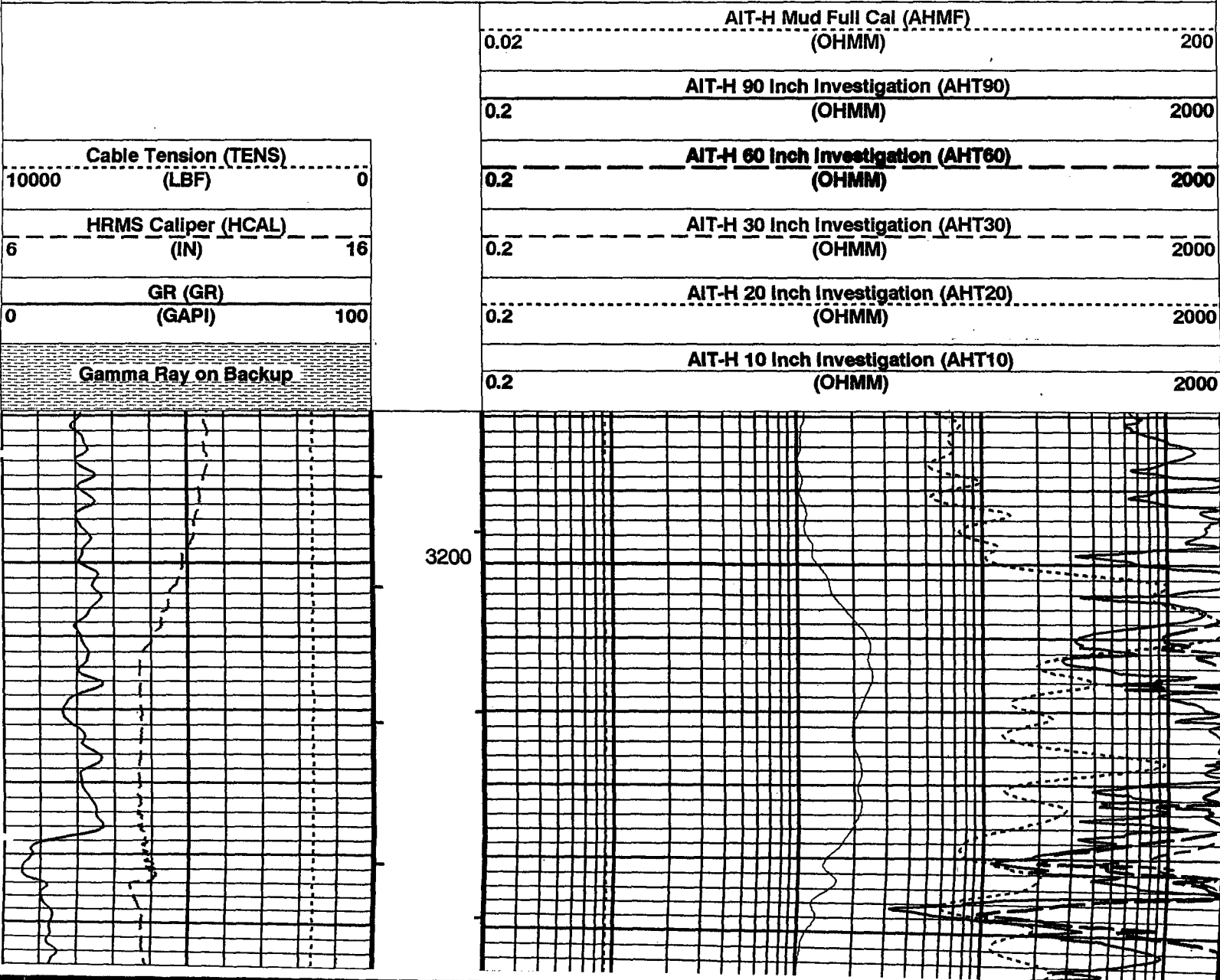
HILTB-CTS SRPC-2699-HILT

PIP SUMMARY

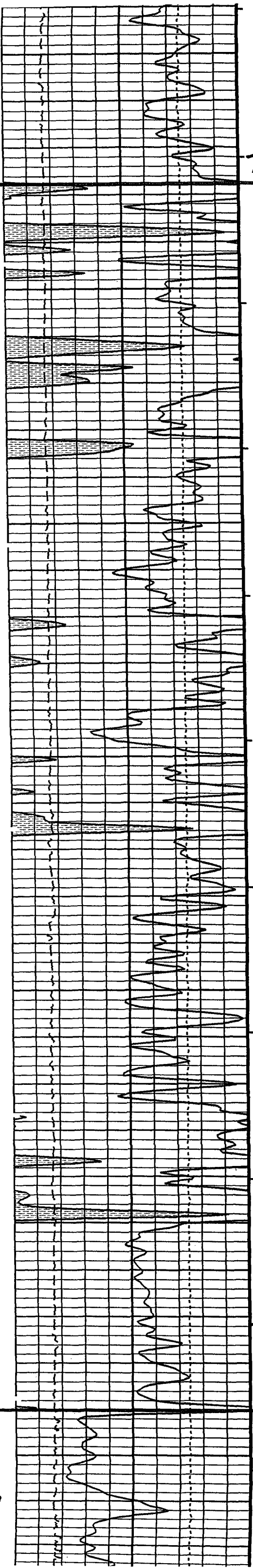
- Integrated Borehole Volume Every 10 F3
- Integrated Borehole Volume Every 100 F3
- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

MAIN PASS 5" = 100'

Time Mark Every 60 S



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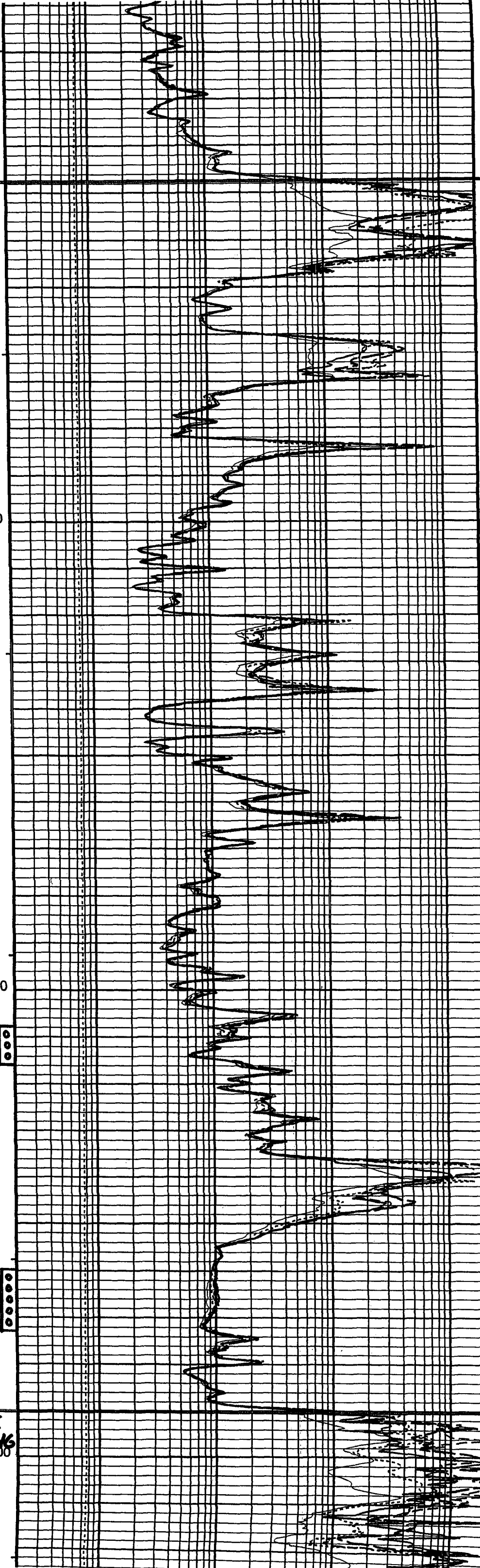
7000

7100

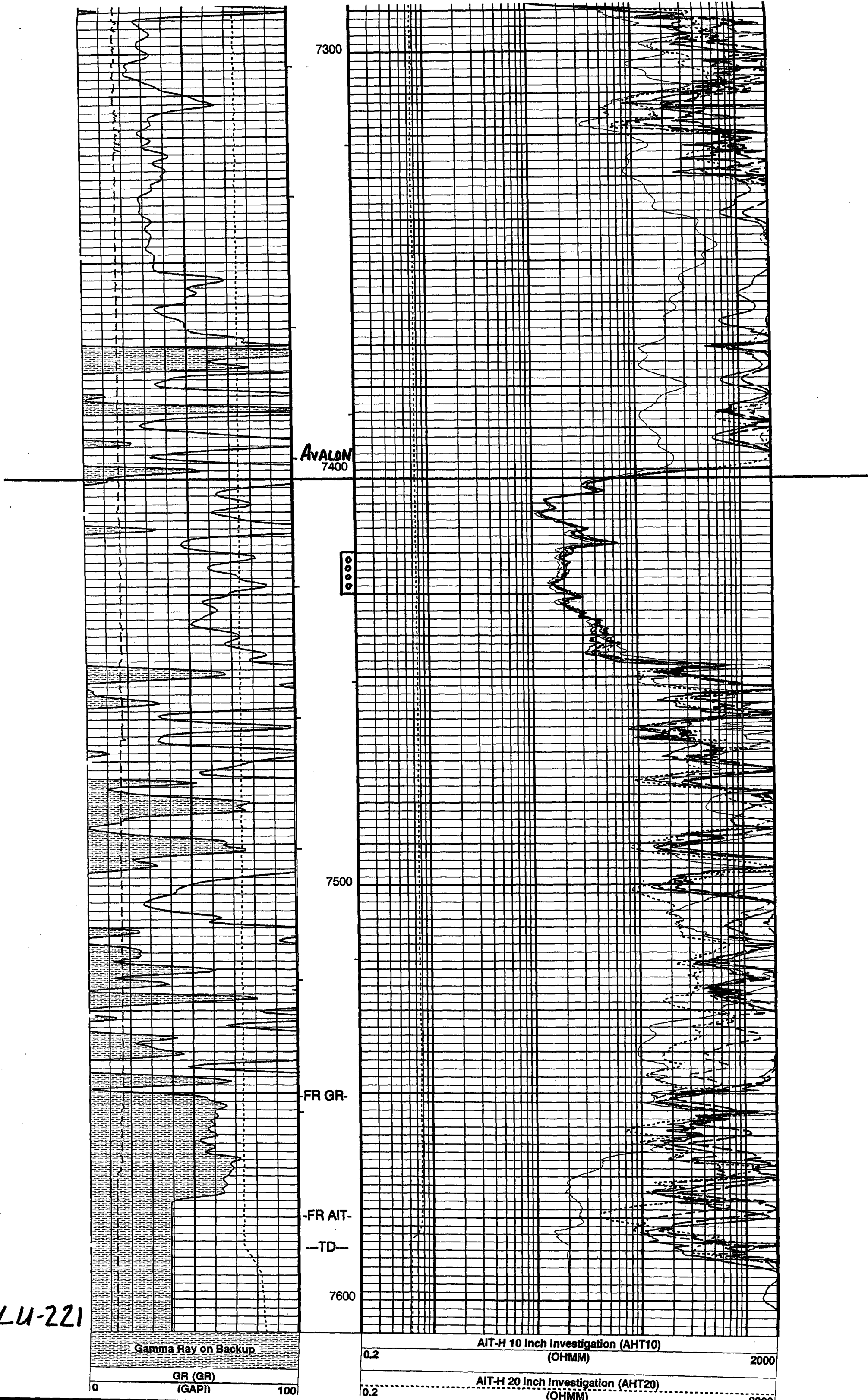
7200



BONE
SPRING
7300



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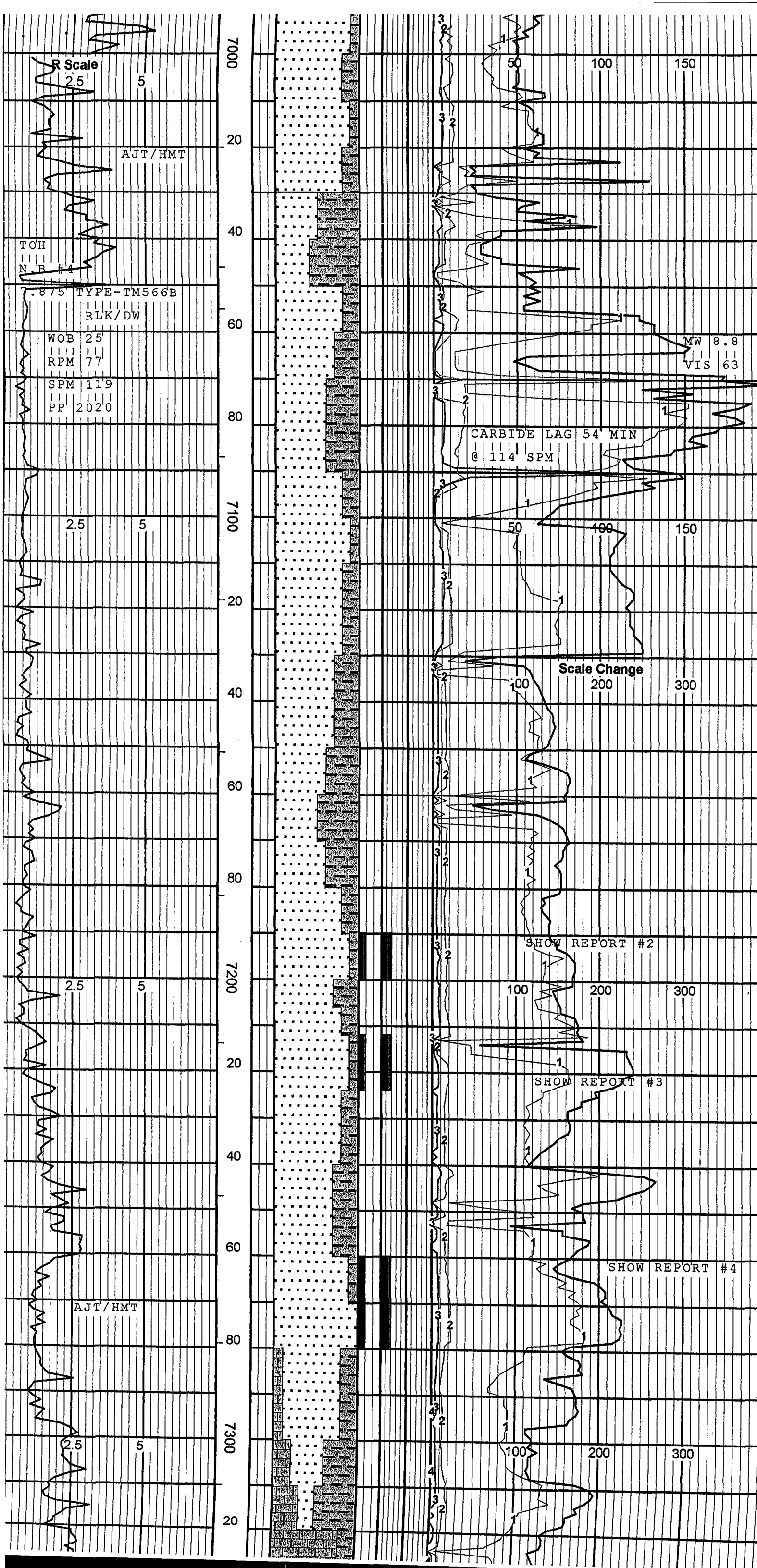
Company: BASS ENTERPRISES PRODUCTION COMPANY
Well: POKER LAKE UNIT #221
Location: Sec: 19 Twn: 24S Rge: 30E Blk:
Survey: 660'FSL&660'FEL API:
County: EDDY State: NEW MEXICO
Elevation: KB: 3200' GL: 3180'
Contractor: GREYWOLF #15 Spud Date: 6/24/05
Depth Logged: From: 60' To: 7590
Date Logged: From: 6/24/05 To: 7/6/05
Logger: THOMPSON/KEITH Unit: 18

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

DRILLING RATE (min/ft)	DEPTH OFF PUMP OFF BIT	POROSITY GFT	LITH	CUT TFG	FLUOR	STAIN	Total gas (Units)					REMARKS		
							1	C1 (Units)	1	2	C2 (Units)		2	3
DRLG CONTRACTOR GREYWOLF #15	20		ns ns											



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

SS: frstd, clr, lt gry
mlky, tn vfn gr, sme
fn gr, sbrnd-sbang
consl-unconsl, frly
cmtd, frly srted, calc
mtrx, tr fri, tr lmy
argil ip, no vis fluor
or cut

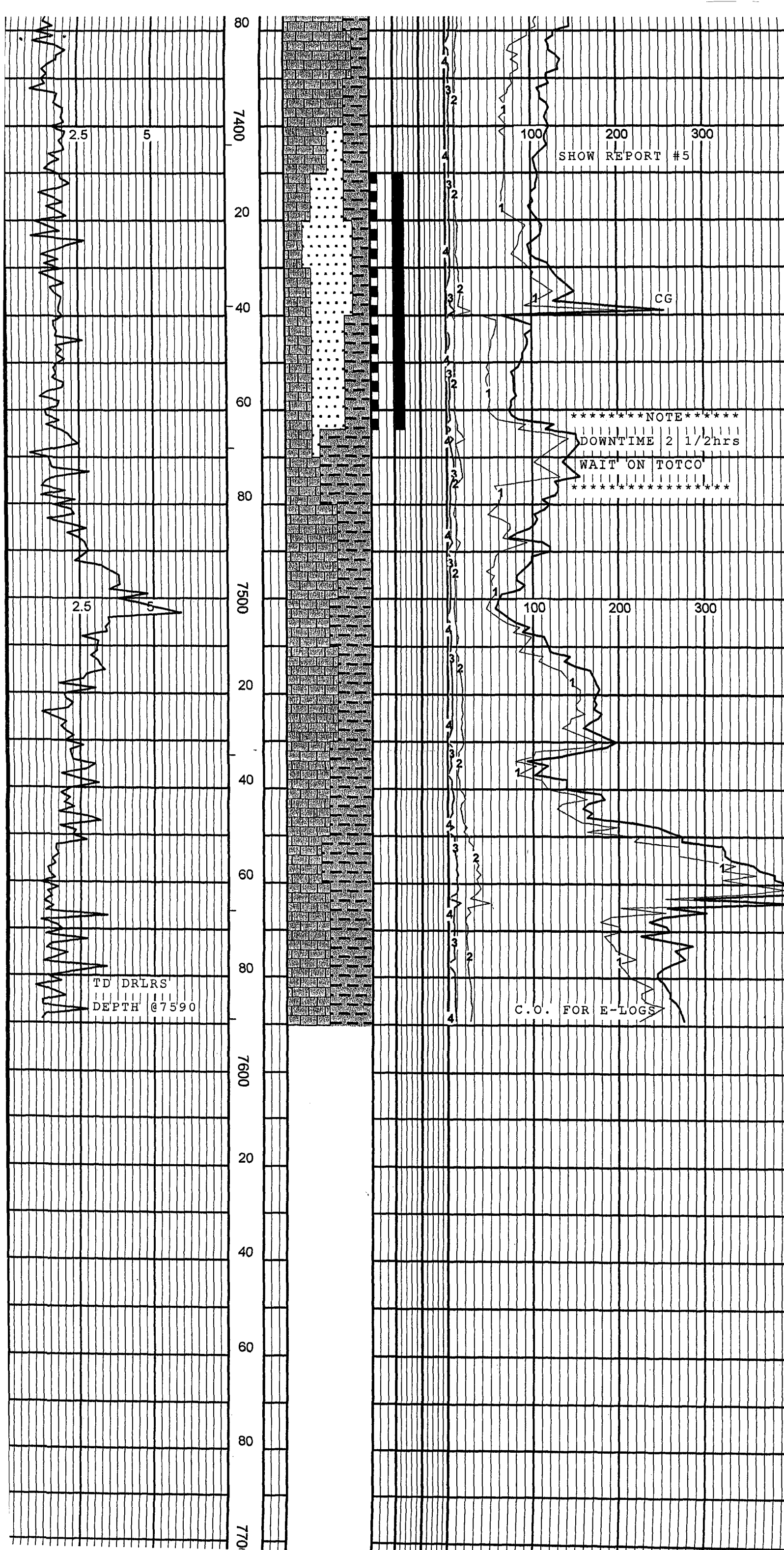
SH: drk brn, drk gry, blk
brn, gry, blky, sft-frm
sltytr mica tr pyrit
tr carb

SS: clr, frstd, lt gry, tn
vfn-fn gr, unconsl, sme
consl, sbrnd-rnd
20-40% brt ylw fluor
fr slw dll ylw cut
SS: clr, frstd, lt gry, tn
vfn gr, sme fn gr, pred
unconsl, tr consl
sbrnd-rnd, 20-40% brt
ylw fluor, fr slw dll
ylw cut

SS: clr, frstd, lt gry, tn
vfn/fn gr, sbrnd-rnd
sme sbang, tr ang, pred
unconsl, tr lmy, 20-30%
dll gld fluor, fr slw
dll mlky ylw wet cut

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

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mott,arg in prt,tr
aren

SS:frstd,clr,lt gry,tn
vfn-fn gr,sub rnd-sub
ang,sme rndd,lsly-mod
consol,sme unconsol
frly srtd,frly-mod
cmtd,fria in prt
20-30%dl1 gld fluor
tr slw mlky ylw wet
cut,sli tr ylw rsdue
ring,no vis stn

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

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

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

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