

COMPANY: Bass Enterprises Production Compan

WELL: Poker Lake Unit #214

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy

Field: Nash Draw (Delaware)

Location: 510' FNL & 1980' FEL

Well: Poker Lake Unit #214

Company: Bass Enterprises Production Co

Schlumberger

Platform Express

Three Detector Litho Densit

Compensated Neutron / GR

510' FNL & 1980' FEL

Elev.: K.B. 3184.2 ft
G.L. 3167.1 ft
D.F. 3163 ft

Permanent Datum: Ground Level

Log Measured From: Kelly Bushing

Drilling Measured From: Kelly Bushing

Elev.: 3167.1 ft
17.1 ft above Perm. Datum

API Serial No. 30-015-33860

SECTION 19

TOWNSHIP 24S

RANGE 30E

Logging Date 29-Jul-2005

Run Number One

Depth Driller 7540 ft

Schlumberger Depth 7515 ft

Bottom Log Interval 7497 ft

Top Log Interval 200 ft

Casing Driller Size @ Depth 8.625 in @ 410 ft

Casing Schlumberger 406 ft

Bit Size 7.875 in

Type Fluid In Hole Brine / Diesel

Density 9 lbm/gal

Viscosity 37 s

Fluid Loss PH 8

Source Of Sample Circulation Tank

RM @ Measured Temperature 0.103 ohm.m @ 90 degF

RMF @ Measured Temperature 0.119 ohm.m @ 75 degF

RMF @ Measured Temperature @

Source RMF Measured

RMF @ MRT 0.073 @ 130 0.071 @ 130

Recorded Temperatures 130 degF

Stopped Time 29-Jul-2005 3:00

Bottom Time 29-Jul-2005 9:00

er Location 3049 Foswell, N.M.

By R.Chung

By Simianne Hayden

Input DLIS Files						
DEFAULT	SPLICE_AIT_TLD_MCFL_012	FN:1	PRODUCER	29-Jul-2005 12:08	7530.0 FT	173.0 FT
Output DLIS Files						
DEFAULT	AIT_TLD_MCFL_CNL_019PUP	FN:16	PRODUCER	29-Jul-2005 12:20		

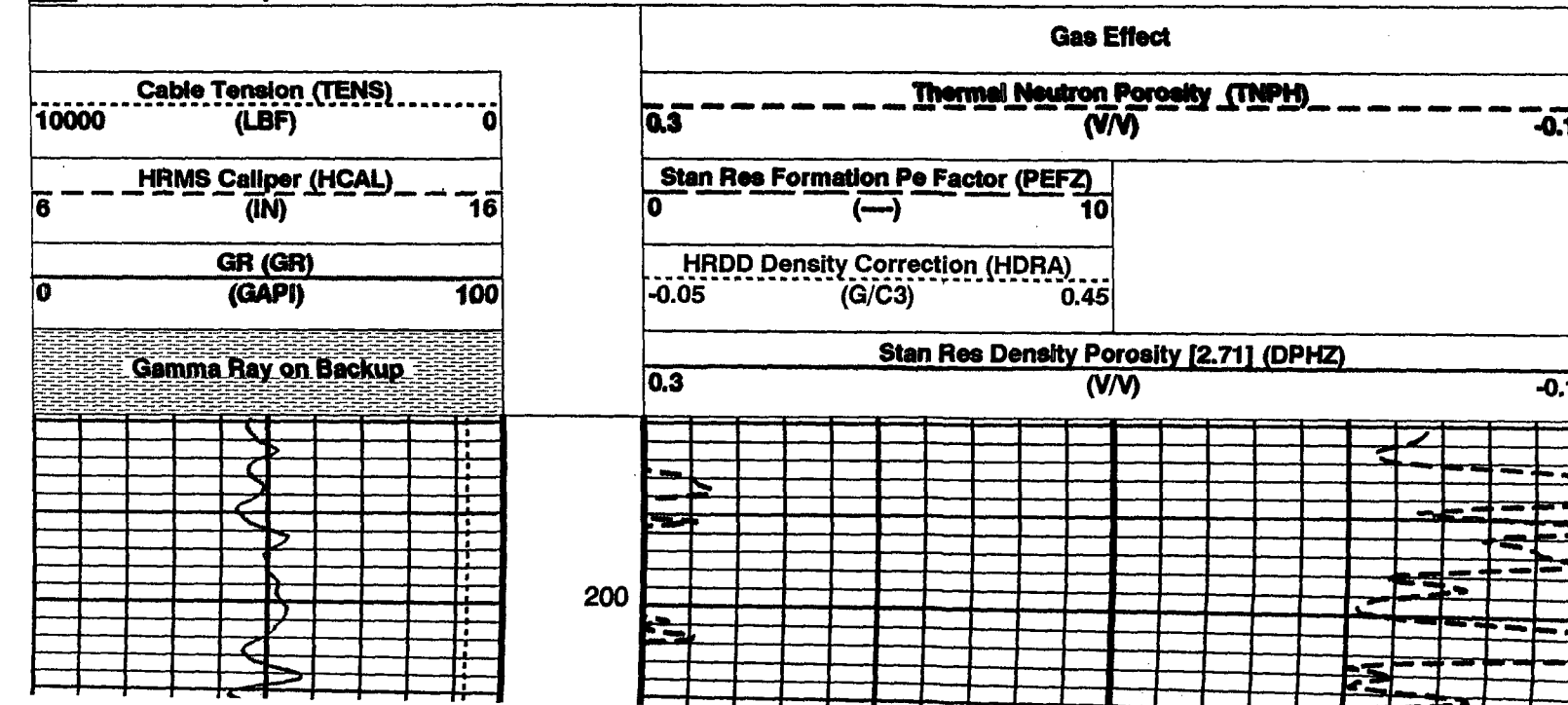
Input DLIS Files						
DEFAULT	SPLICE_AIT_TLD_MCFL_012	FN:1	PRODUCER	29-Jul-2005 12:08	7530.0 FT	173.0 FT
Output DLIS Files						
DEFAULT	AIT_TLD_MCFL_CNL_019PUP	FN:16	PRODUCER	29-Jul-2005 12:20	7530.0 FT	179.0 FT

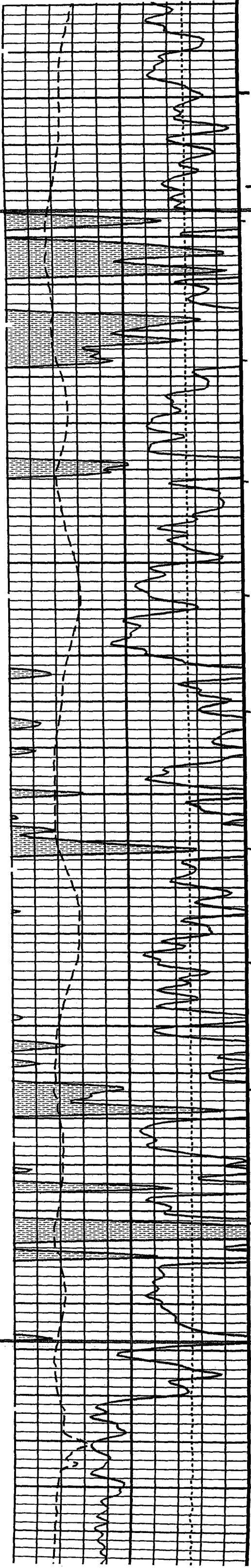
Integrated Hole/Cement Volume Summary	
Hole Volume = 3934.40 F3	
Cement Volume = 2759.66 F3 (assuming 5.50 IN casing O.D.)	
Computed from 7530.0 FT to 410.0 FT using data channel(s) HCAL	

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	390.5 12:25:38
GCSE	BS	HCAL	390.5 12:25:33

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	
MAIN PASS 5" = 100'	





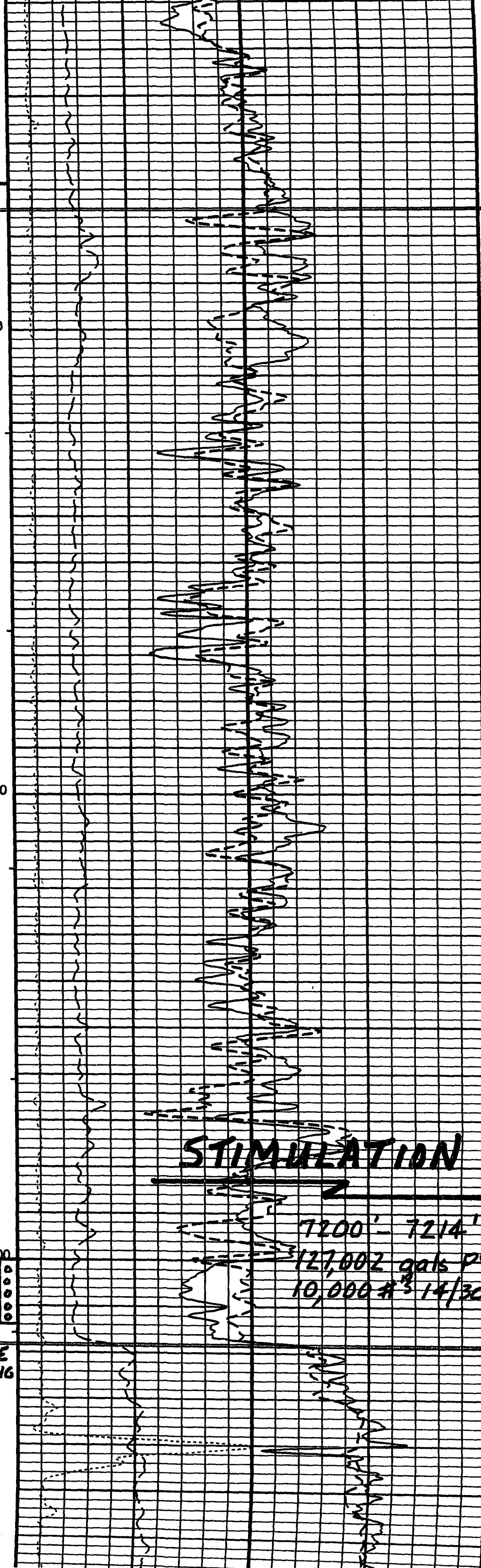
T/8A

7000

7100

7200

BONE
SPRING

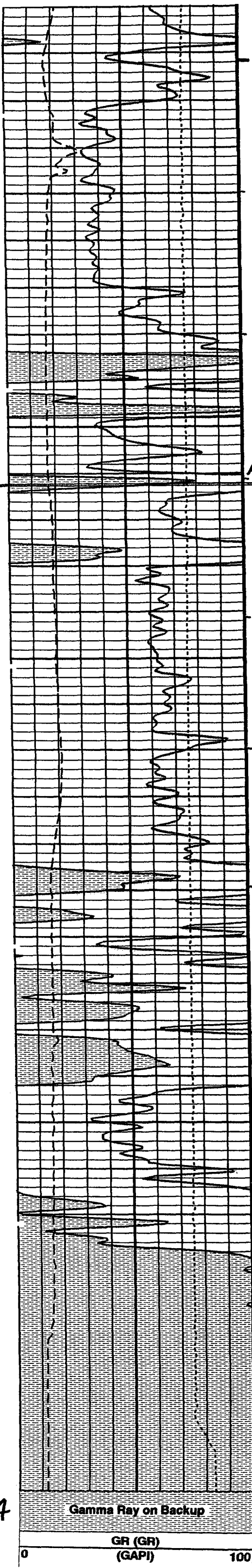


STIMULATION

7200' - 7214'

127,002 gals PW

10,000 #³ 14/30 LP



7300
AVALON

7400

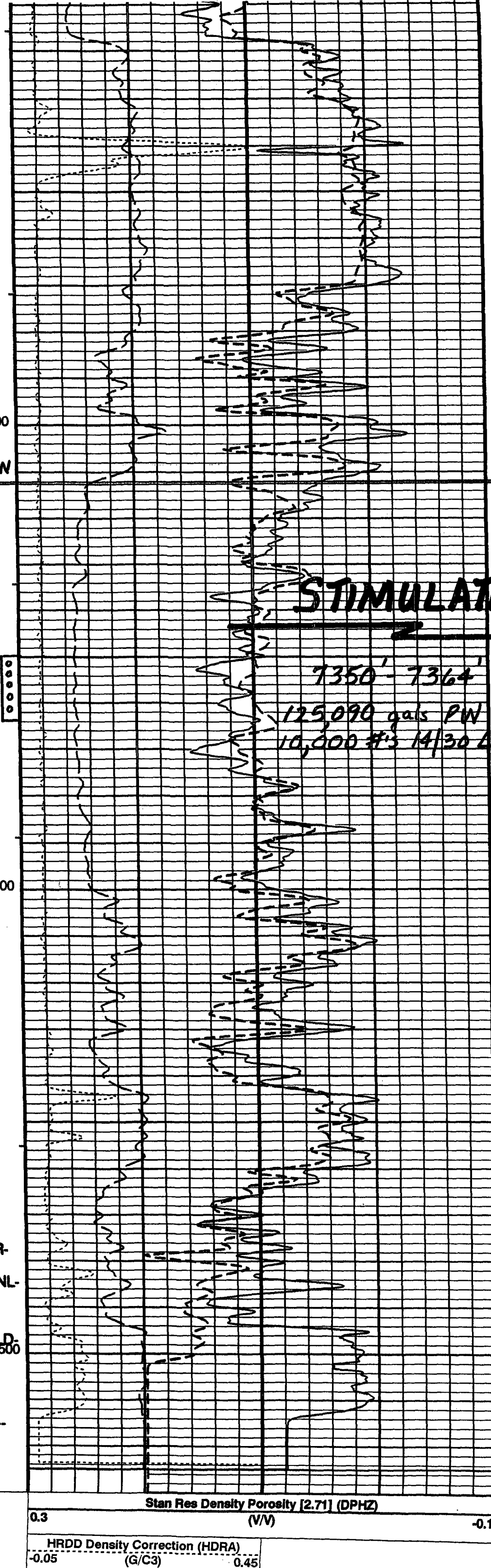
FR GR-
FR CNL-
FR TLD-
7500
TD--

PLU-214

Gamma Ray on Backup

GR (GR)
(GAPI)

100



STIMULATION

7350' - 7364'

125,090 gals PW
10,000 #3 14/30 L.P.

Stan Res Density Porosity [2.71] (DPHZ)
(V/V)

0.3

-0.1

HRDD Density Correction (HDRA)
(G/C3)

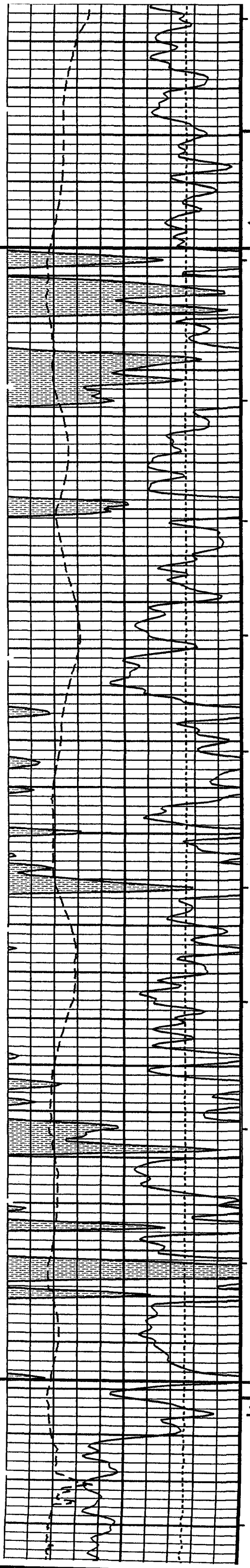
-0.05

0.45

COMPANY: Bass Enterprises Production Company									
WELL: Poker Lake Unit #214									
FIELD: Nash Draw (Delaware)									
COUNTY: Eddy STATE: New Mexico									
COUNTY: Eddy									
Platform Express Array Induction Tool Micro-CFL / Gamma Ray									
Schlumberger									
510' FNL & 1980' FEL									
Permanent Datum: Ground Level									
Log Measured From: Kelly Bushing									
Drilling Measured From: Kelly Bushing									
Elev.: K.B. 3184.2 ft									
G.L. 3167.1 ft									
D.F. 3183 ft									
Elev.: 3167.1 ft									
17.1 ft above Perm. Datum									
API Serial No. 30-015-33860									
SECTION 19									
TOWNSHIP 24S									
RANGE 30E									
Logging Date 29-Jul-2005									
Run Number One									
Depth Driller 7540 ft									
Schlumberger Depth 7515 ft									
Bottom Log Interval 7507 ft									
Top Log Interval 3100 ft									
Casing Driller Size @ Depth 8.625 in @ 410 ft									
Casing Schlumberger 406 ft									
Bit Size 7.875 in									
Type Fluid In Hole Brine / Diesel									
Density 9 lbm/gal									
Viscosity 37 s									
Fluid Loss PH 8									
MUD									
Source Of Sample Circulation Tank									
RM @ Measured Temperature 0.103 ohm.m @ 90 degF									
RMF @ Measured Temperature 0.119 ohm.m @ 75 degF									
RMC @ Measured Temperature @ @									
Source RMF RMC									
RM @ MRT 0.073 @ 130 0.071 @ 130									
Maximum Recorded Temperatures 130 degF									
Circulation Stopped 29-Jul-2005 3:00									
Logger On Bottom 29-Jul-2005 9:00									
Unit Number 3049 Location Roswell, N.M.									
Recorded By R.Chung									
Witnessed By Simianne Hayden									
AIT-H Mud Full Cal (AHMF) (OHMM) 200									
0.02									
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: 29-Jul-2005 09:25									
OP System Version: 12C0-301									
MCM									
HILTB-CTS SRPC-2699-HILT									
Output DLIS Files									
DEFAULT AIT_TLD_MCFL_CNL_009LUP FN:8 PRODUCER 29-Jul-2005 09:25									

Output DLIS Files									
DEFAULT AIT_TLD_MCFL_CNL_009LUP FN:8 PRODUCER 29-Jul-2005 09:25									
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									
AIT-H Mud Full Cal (AHMF) (OHMM) 200									
0.02									
AIT-H 90 Inch Investigation (AHT90) (OHMM) 2000									
0.2									
AIT-H 60 Inch Investigation (AHT60) (OHMM) 2000									
0.2									
AIT-H 30 Inch Investigation (AHT30) (OHMM) 2000									
0.2									
AIT-H 20 Inch Investigation (AHT20) (OHMM) 2000									
0.2									
AIT-H 10 Inch Investigation (AHT10) (OHMM) 2000									
0.2									
Cable Tension (TENS) (LBF) 0									
10000									
HRMS Calliper (HCAL) (IN) 16									
6									
GR (GR) (GAPI) 100									
0									
Gamma Ray on Backup									
3100									

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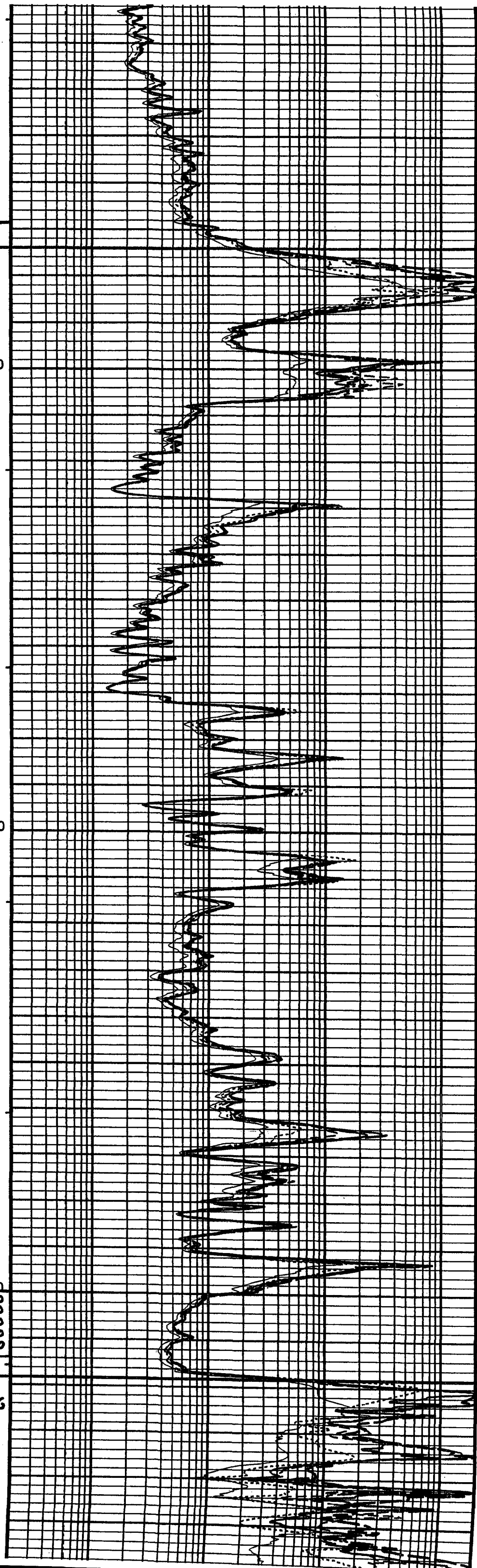
T/8A

7000

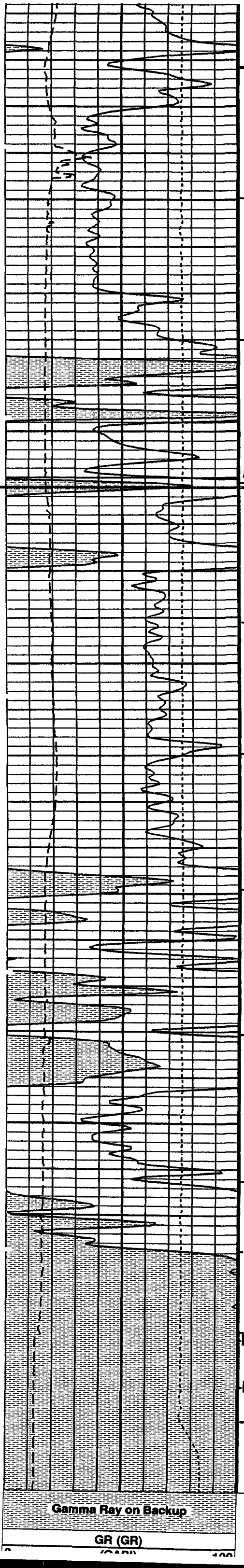
7100

7200

BONE
SPRING



PLU-214

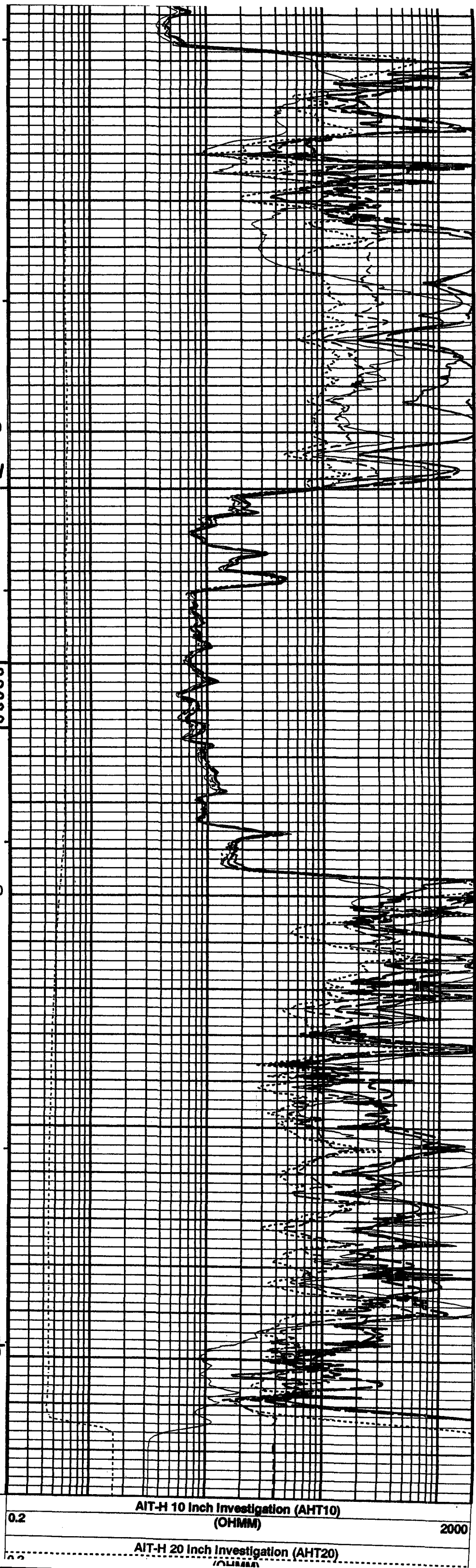


AVALON

7300

7400

0
0
0
0
0

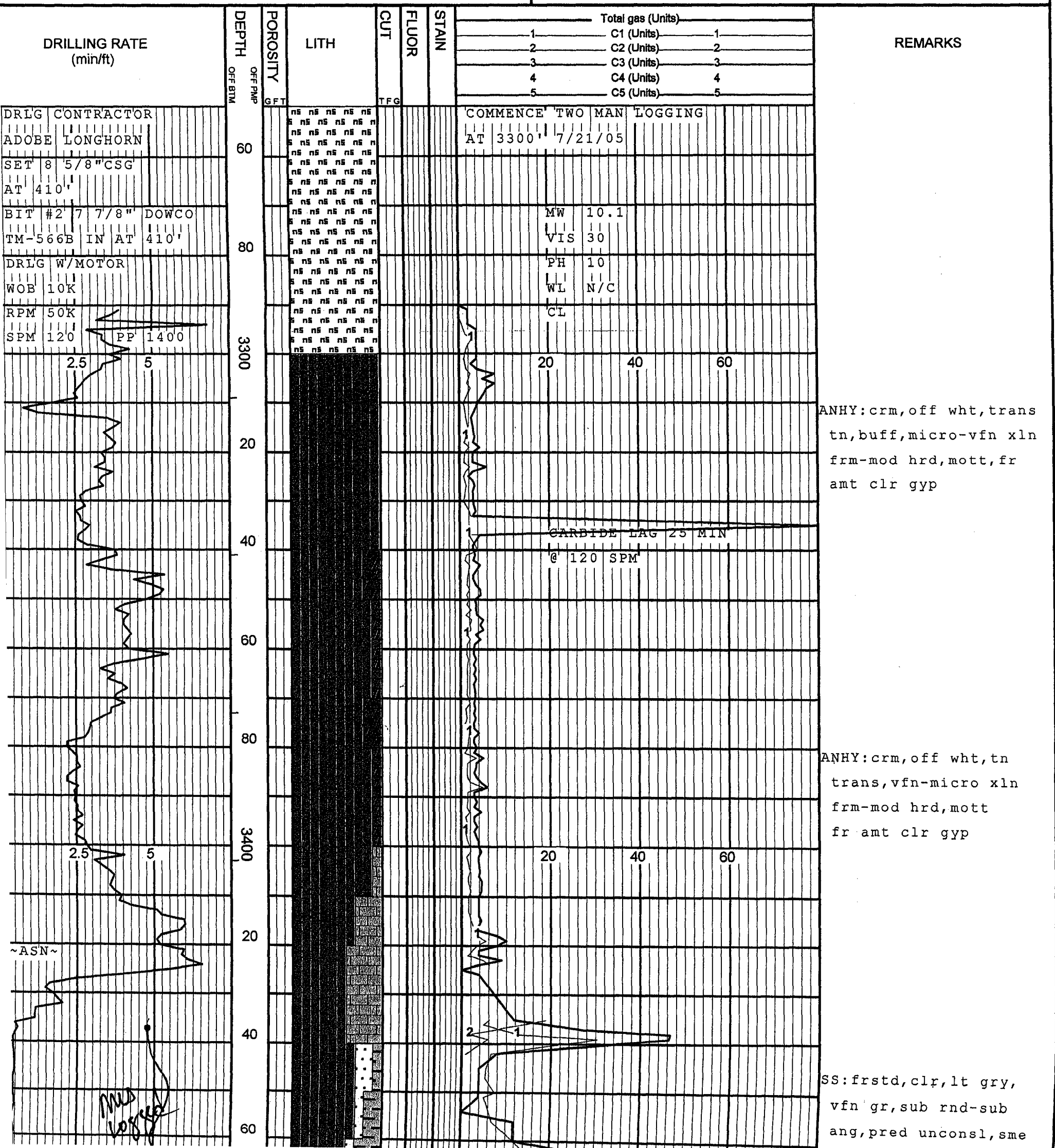


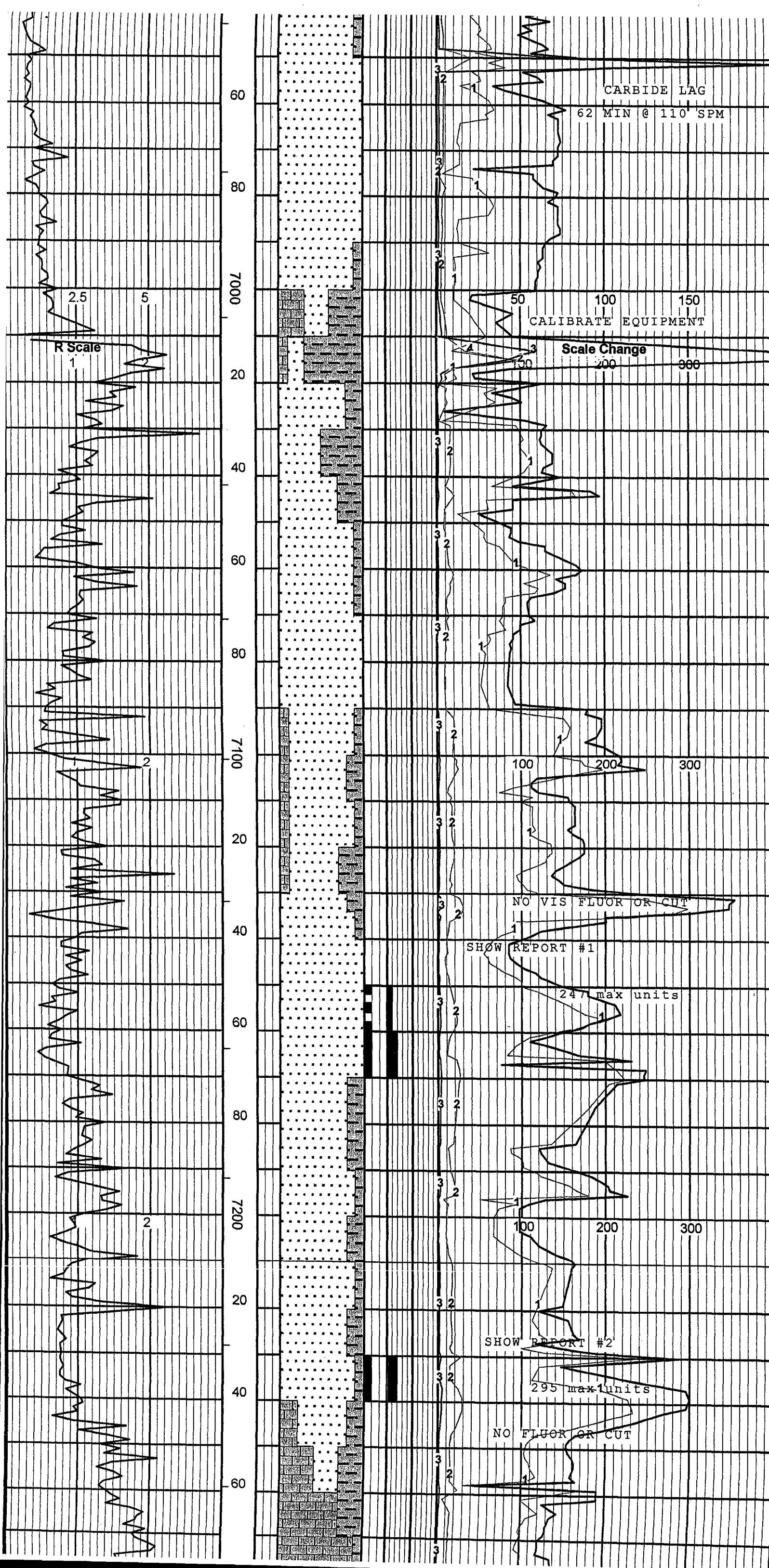
Logger: KEITH / NORMAN Unit: 19

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





abndt free wht-gry
clay

SS:clr,lt gry,gry,vfn
gr,uncons-lsly consl
subrnd-rndd,well srtd
abndt free gry mott
clay

LS:brn,lt brn,sme tn,
vfn xln,frm,sme britt
pred cln,sm arg in
prt

SH:blk,v/drk brn,drk
gry,blky,sm slty,frm-
mod hrd,carb,erthy

SS:frstd,lt gry,clr
wht,tn,consol,sme
uncons,lvn gr,sme
fn gr,occ med gr
prly-frly cmted,silic
mtrx,tr calc mtrx
frly srtd,sbrnd-sbang
sme rnd,sme fri fr
amt gry mott clys
no vis fluor,or cut

SH:drk brn,blk,drk gry
blky,slty,sme erty
frm,sme sft,sme mica
sme vfnly pyritic
tr carb,sme mott

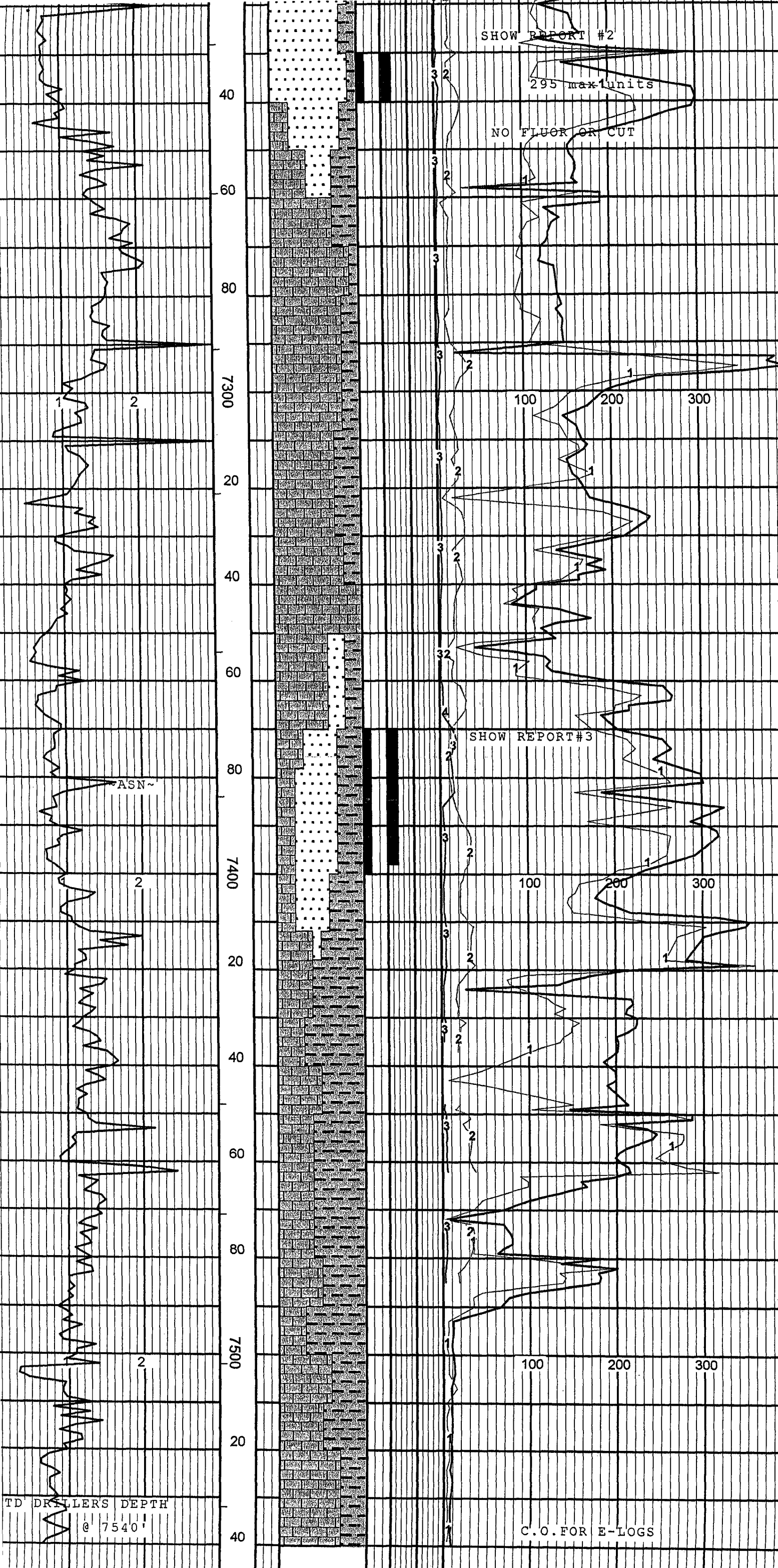
SS:frstd,clr,lt gry
uncons,lvn gr
sme fn gr,sbrnd-rnd
sme sbang,well-frly
srtd,fr amt clys,20-
40% brt ylw fluor,fr
fst ple ylw cut

SH:drk brn,blk,drk gry
erty,sme slty,frm,tr
sft,vfly pyritic,sme
mica

SS:lt gry,frstd,clr
consol/uncons,lvn
gr,sbrnd-rnd,occ ang
frly cmted,calc mtrx
sme silic mtrx,well
srtd,40% brt ylw flur
fr fst ple ylw cut

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LS:gry,crm,tn,off wht
vfn xln,tr fn xln
frm,mott argil ip



consol/unconsol, vfn
 gr, snrnd-rnd, occ ang
 frly cmt, calc mtrx
 sme silic mtrx, well
 srtd, 40% brt ylw flur
 fr fst ple ylw cut

LS: gry, crm, tn, off wht
 vfn xln, tr fn xln
 frm, mott argil ip

SH: drk brn, blk, drk gry
 blk, tr flky, erty,
 sme slty, frm-sme sft
 sme lmy, sme mica
 tr pyrit

LS: gry, tn, crm, off wht
 vfn xln, sme mott, frm
 sme mod hrd, argil ip
 tr sucro

SS: clr, frstd, lt brn,
 off wht, vfn grn, sub
 rnd-rndd, sme sub ang,
 pred uncosol, tr lsly
 consol, wll srtd, prly
 cmtd, tr calc mtrx,
 30-40% d11 gld fluor
 fr-mod evn brt yllw
 wet cut

LS: brn, lt brn, tn, crm,
 vfn xln, dns, frm-mod
 hrd

SH: blk, drk brn, blk,
 tr flky, pred sft, tr f
 frm, erthy

LS: drk gry, drk brn, brn
 gry, tn, vfn-xln, dns,
 frm-mod hrd, mott, sme
 shly

SH: drk brn, brn, drk gry
 blk, frm-mod hrd, mott
 sme shly

PLU-214