

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #247

FIELD: Nash Draw (Delaware)

County: Eddy State: New Mexico

County: Eddy
Field: Nash Draw (Delaware)
Location: 1805' FNL & 660' FWL
Well: Poker Lake Unit #247
Company: Bass Enterprises Production Co

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

1805 FNL & 660' FWL
Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elev.: K.B. 3230.8 ft
G.L. 3213.4 ft
D.F. 3229.6 ft
Elev.: 3213.4 ft
17.4 ft above Perm. Datum

API Serial No. 30-015-34467
Section 20
Township 24S
Range 30E

Logging Date	13-May-2006
Run Number	One
Depth Driller	7620 ft
Schlumberger Depth	7638 ft
Bottom Log Interval	7620 ft
Top Log Interval	200 ft
Casing Driller Size @ Depth	8.625 in @ 880 ft
Casing Schlumberger	892 ft
Bit Size	7.875 in
Type Fluid In Hole	Emulsion
Density	9.05 lbm/gal
Viscosity	49 s
Fluid Loss	64 cm3
PH	8.5
Source Of Sample	Circulation Tank
RM @ Measured Temperature	0.129 ohm.m @ 110 degF
RMF @ Measured Temperature	0.097 ohm.m @ 110 degF
RMC @ Measured Temperature	@ @
Source RMF	Measured
RMC	0.116 @ 123 0.087 @ 123
RMF @ MFT	0.116 @ 123 0.087 @ 123
Recorded Temperatures	123 degF
opped Time	13-May-2006 2:30
ottom Time	13-May-2006 08:15
Location	3178 Roswell
	Shawnee Burdick
	Brian Pregger

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_009LUP FN:8 PRODUCER 13-May-2006 08:56 7644.0 FT 181.5 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 4320.85 F3
Cement Volume = 3205.83 F3 (assuming 5.50 IN casing O.D.)
Computed from 7638.0 FT to 880.0 FT using data channel(s) HCAL

OP System Version: 14C0-302
MCM

HILTB-CTS unofficial

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	875.0 11:33:20
GCSE	BS	HCAL	875.0 11:33:25

PIP SUMMARY

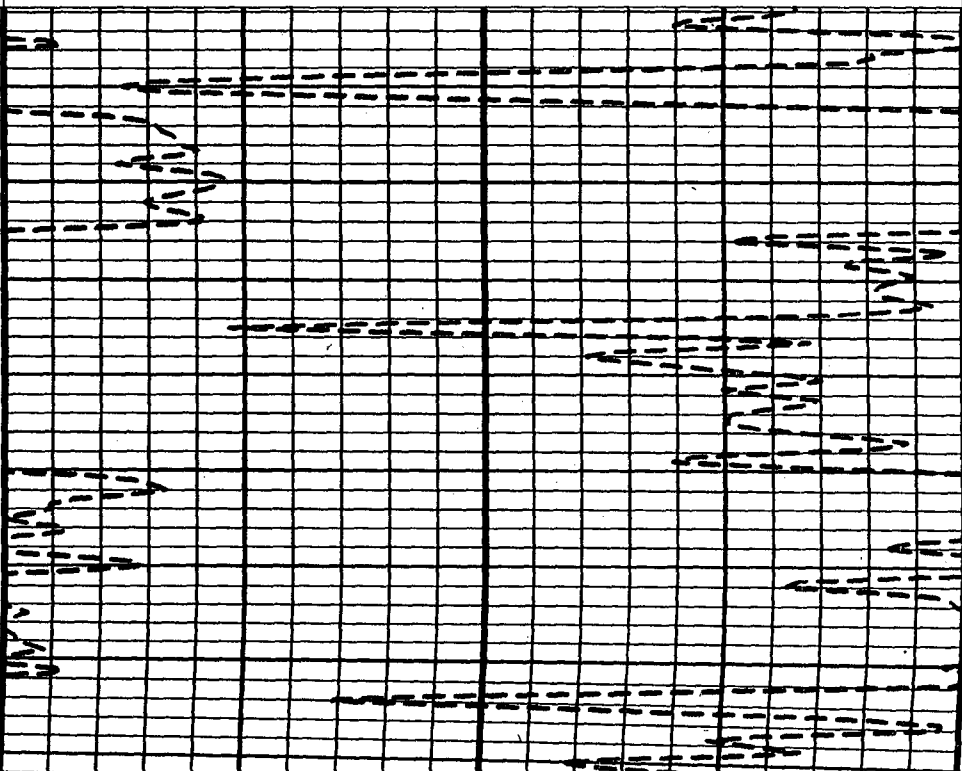
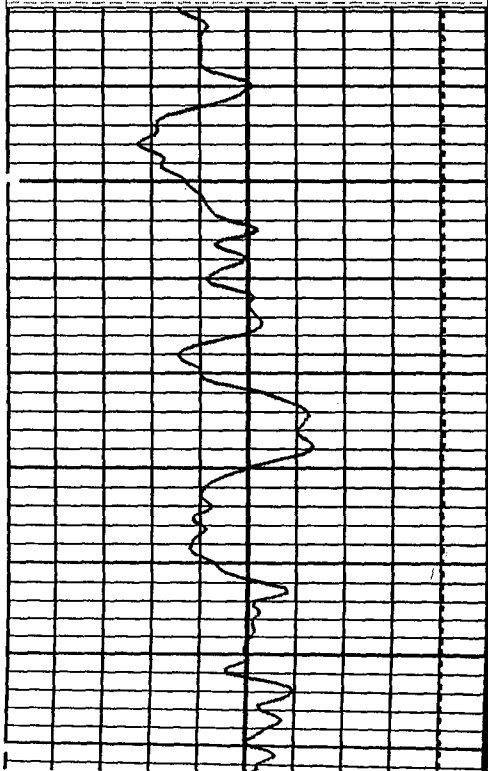
- Integrated Borehole Volume Every 10 F3
- Integrated Borehole Volume Every 100 F3
- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

Main Pass 5" = 100'

Time Mark Every 60 S

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

Thermal Neutron Porosity (TNPH)	-0.1
(V/V)	0.3
Stan Res Formation Pe Factor (PEFZ)	10
(—)	0
HRDD Density Correction (HDRA)	0.45
(G/C3)	-0.05
Stan Res Density Porosity [2.71] (DPHZ)	-0.1
(V/V)	0.3



T/BA

7100

STIMULATION

7175' - 7180'

7264' - 7270'

7336' - 7346'

122,784 gals. PW

9,946 #3 14/30 LP

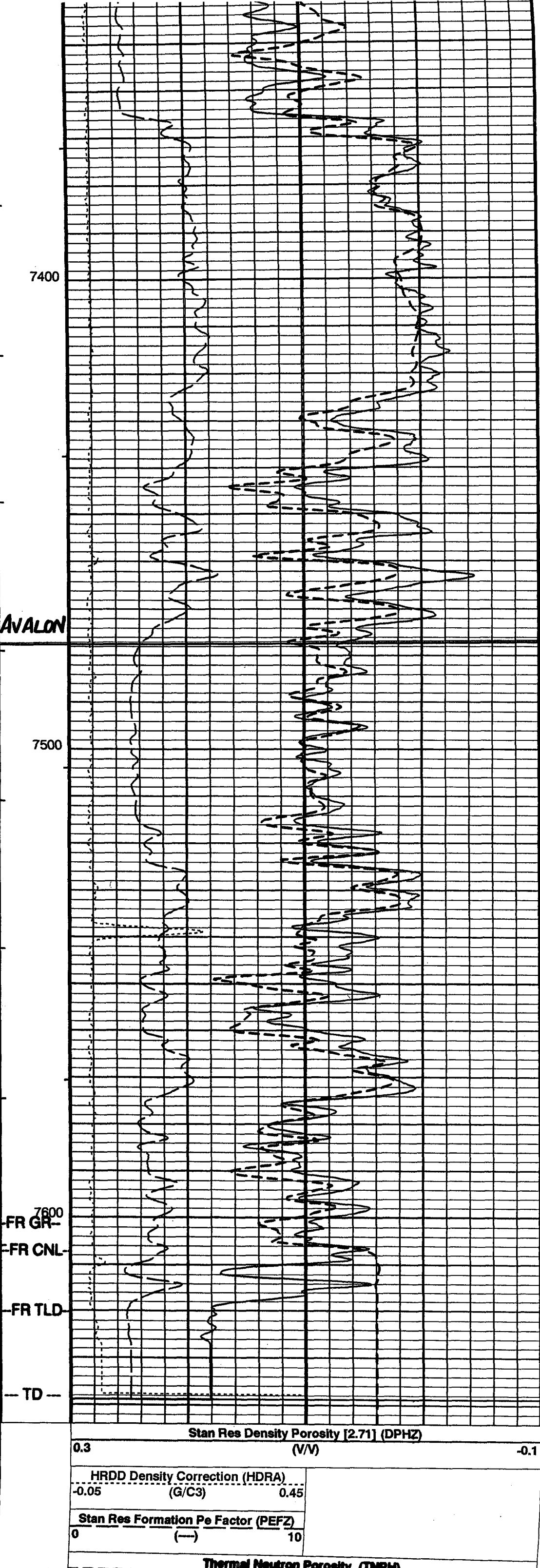
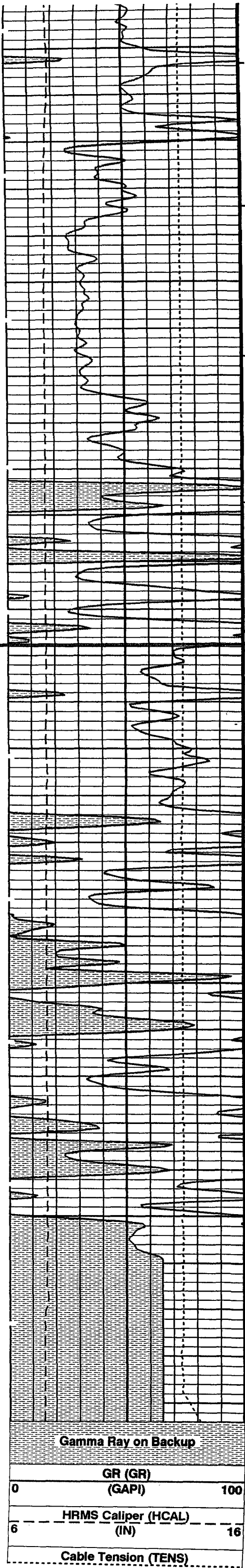
7200

7300

BONE
SPRING

LU-247

PLU-247



7400

AVALON

7500

7600

FR GR

FR CNL

FR TLD

TD

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)

PLU # 247

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #247

FIELD: Nash Draw (Delaware)

County: Eddy State: New Mexico

County: Eddy
Field: Nash Draw (Delaware)
Location: 1805' FNL & 660' FWL
Well: Poker Lake Unit #247
Company: Bass Enterprises Production Co

Schlumberger		Platform Express	
Array Induction Tool		Micro-CFL / GR	
1805' FNL & 660' FWL		Elev.: K.B. 3230.8 ft G.L. 3213.4 ft D.F. 3229.6 ft	
Permanent Datum: _____		Ground Level _____	
Log Measured From: Kelly Bushing		Elev.: 3213.4 ft	
Drilling Measured From: Kelly Bushing		17.4 ft above Perm. Datum	
API Serial No. 30-015-34467	Section 20	Township 24S	Range 30E
Logging Date 13-May-2006			
Run Number One			
Depth Driller 7620 ft			
Schlumberger Depth 7638 ft			
Bottom Log Interval 7630 ft			
Top Log Interval 892 ft			
Casing Driller Size @ Depth 8.625 in @ 880 ft			
Casing Schlumberger 892 ft			
Bit Size 7.875 in			
Type Fluid In Hole Emulsion			
Density 9.05 lbm/gal	49 s		
Fluid Loss PH 64 cm3	8.5		
Source Of Sample Circulation Tank			
RM @ Measured Temperature 0.129 ohm.m @ 110 degF			
RMF @ Measured Temperature 0.097 ohm.m @ 110 degF			
RMF @ Measured Temperature @ @			
Source RMF RMC Measured			
RM @ MRT 0.116 @ 123 0.087 @ 123			
Maximum Recorded Temperatures 123 degF			
Circulation Stopped 13-May-2006 2:30			
Logger On Bottom 13-May-2006 08:15			
Unit Number 3178 Roswell			
Recorded By Shawnee Burdick			
Witnessed By Brian Pregger			

OP System Version: 14C0-302
MCM

HILTB-CTS unofficial

Changed Parameter Summary

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BHS	CASED	OPEN	875.0 11:33:20
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PIP SUMMARY

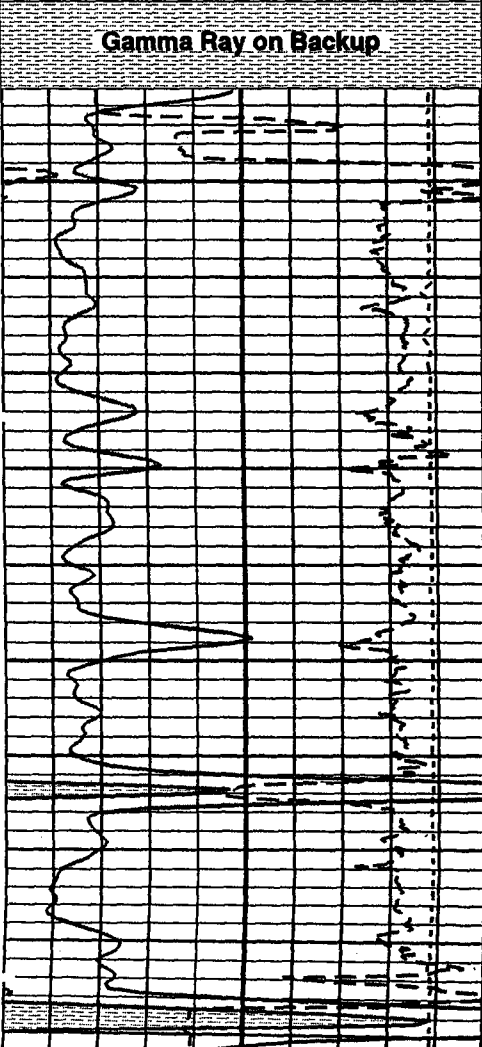
- Integrated Borehole Volume Every 10 F3
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- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

Main Pass 5" = 100'

Time Mark Every 60 S

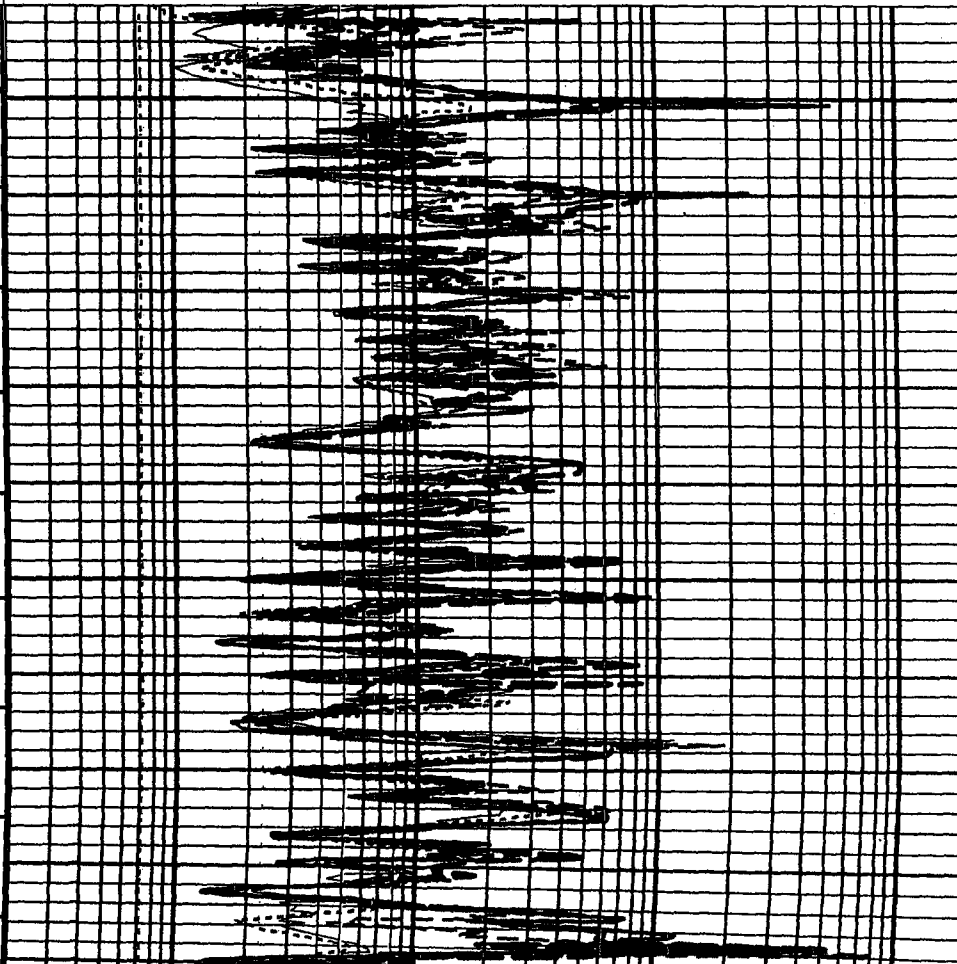
AIT-H Mud Full Cal (AHMF)		200
0.02	(OHMM)	
AIT-H 90 Inch Investigation (AHT90)		2000
0.2	(OHMM)	
AIT-H 60 Inch Investigation (AHT60)		2000
0.2	(OHMM)	
AIT-H 30 Inch Investigation (AHT30)		2000
0.2	(OHMM)	
AIT-H 20 Inch Investigation (AHT20)		2000
0.2	(OHMM)	
AIT-H 10 Inch Investigation (AHT10)		2000
0.2	(OHMM)	

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



CASING

900



T/8A

7100

STIMULATION

7175' - 7180'

7264' - 7270'

7336' - 7346'

122,784 gals PW

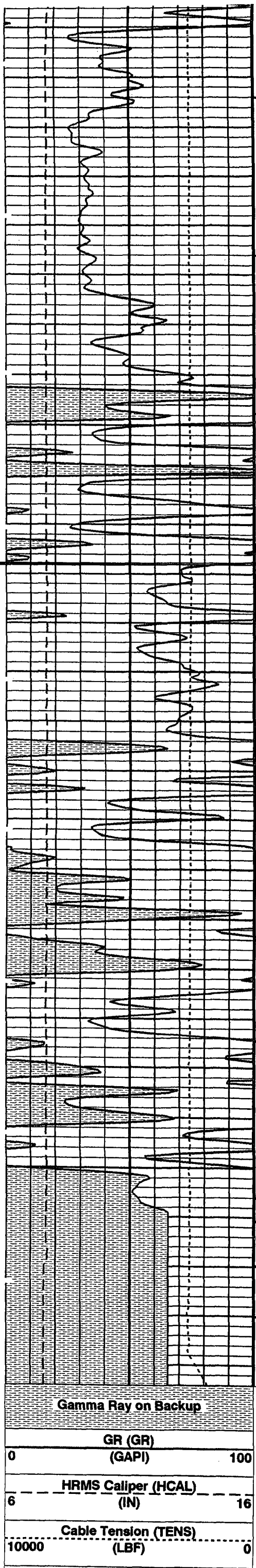
9,946 #3 14/30 LP

7200

7300

BONE
SPRING

PLU- 247



7400

AVALON

7500

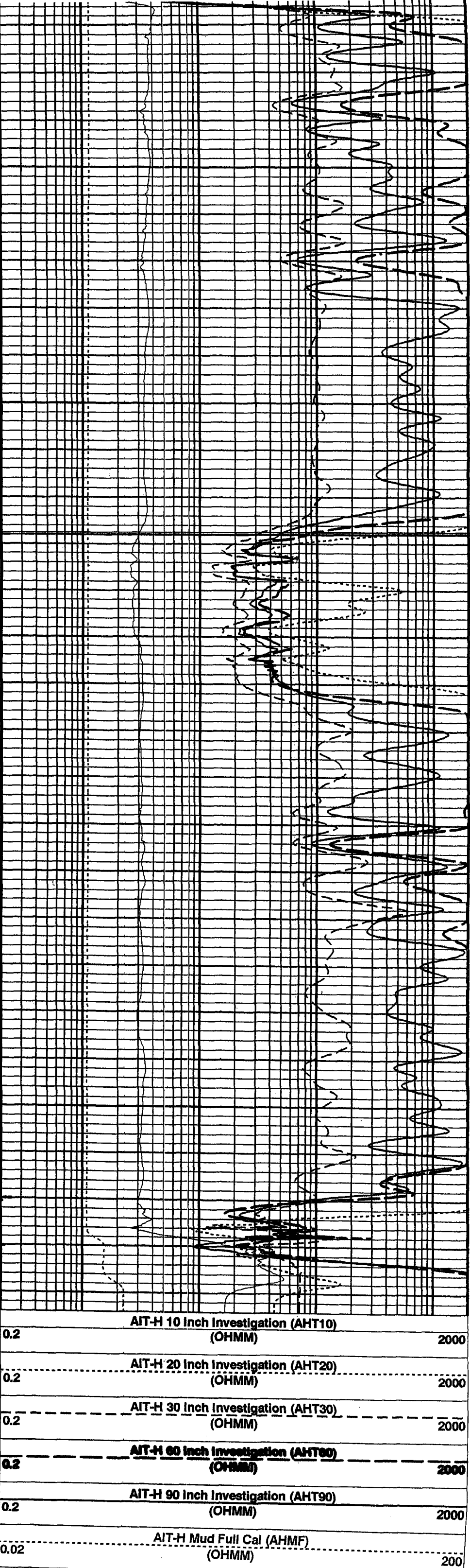
7600

FR GR

FR MCFL

FR AITH

TD



0.2	AIT-H 10 Inch Investigation (AHT10)	2000
0.2	AIT-H 20 Inch Investigation (AHT20)	2000
0.2	AIT-H 30 Inch Investigation (AHT30)	2000
0.2	AIT-H 60 Inch Investigation (AHT60)	2000
0.2	AIT-H 90 Inch Investigation (AHT90)	2000
0.02	AIT-H Mud Full Cal (AHMF)	200

PLU-247

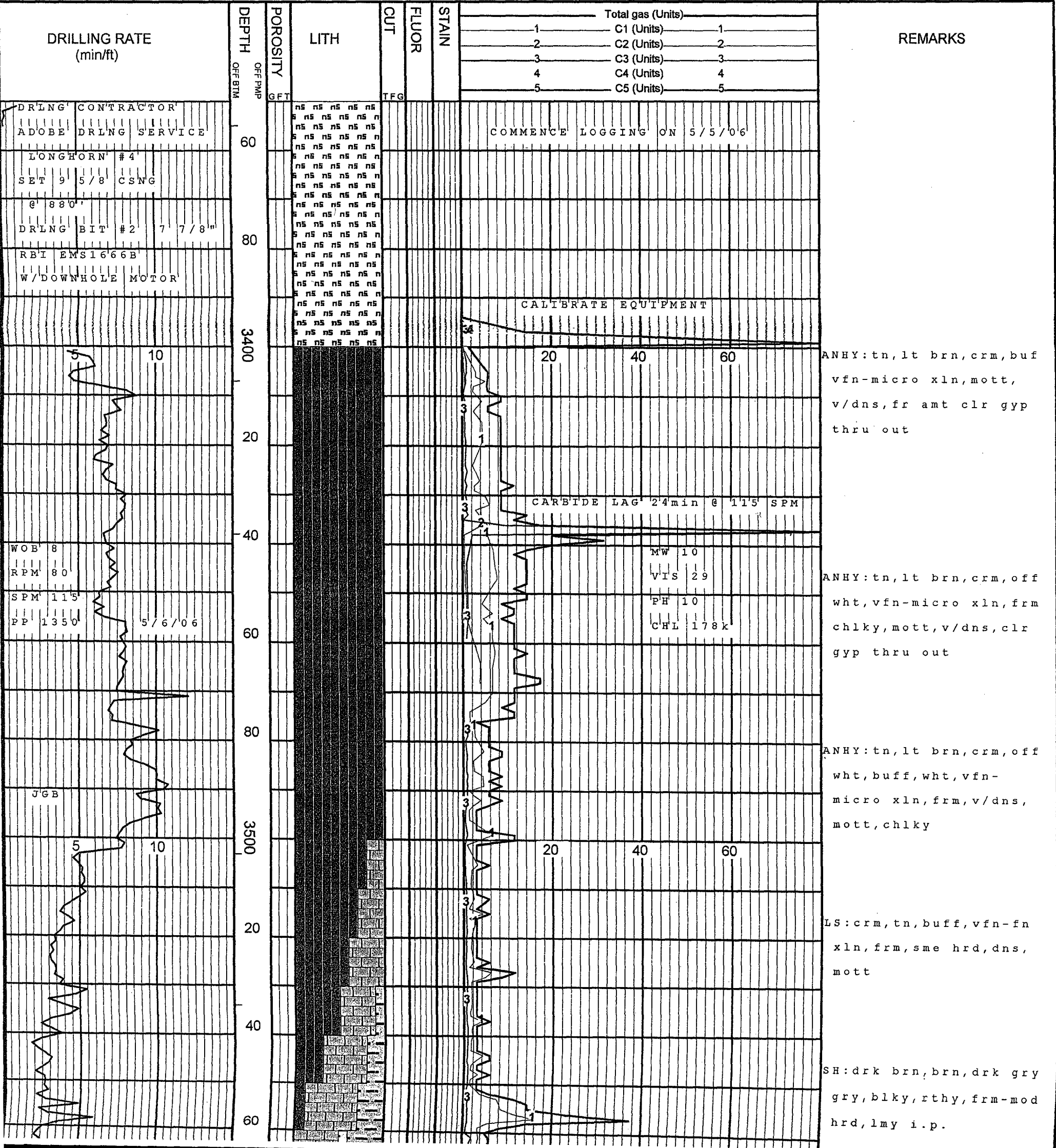
Company: BASS ENTERPRISE PRODUCTION COMPANY
Well: POKER LAKE UNIT #247
Location: Sec: 20 Twn: 24S Rge: 30E Blk:
Survey: 1805' FNL & 660' FWL API:
County: EDDY State: NEW MEXICO
Elevation: KB: 3230' GL: 3213'
Contractor: ADOBE LONGHORN RIGSpud Date: 5/1/06
Depth Logged: From: 3400' To: 7620'
Date Logged: From: 5/5/2006 To: 5/13/2006
Logger: J.THOMPSON/J.BROADSTREET Unit: 19

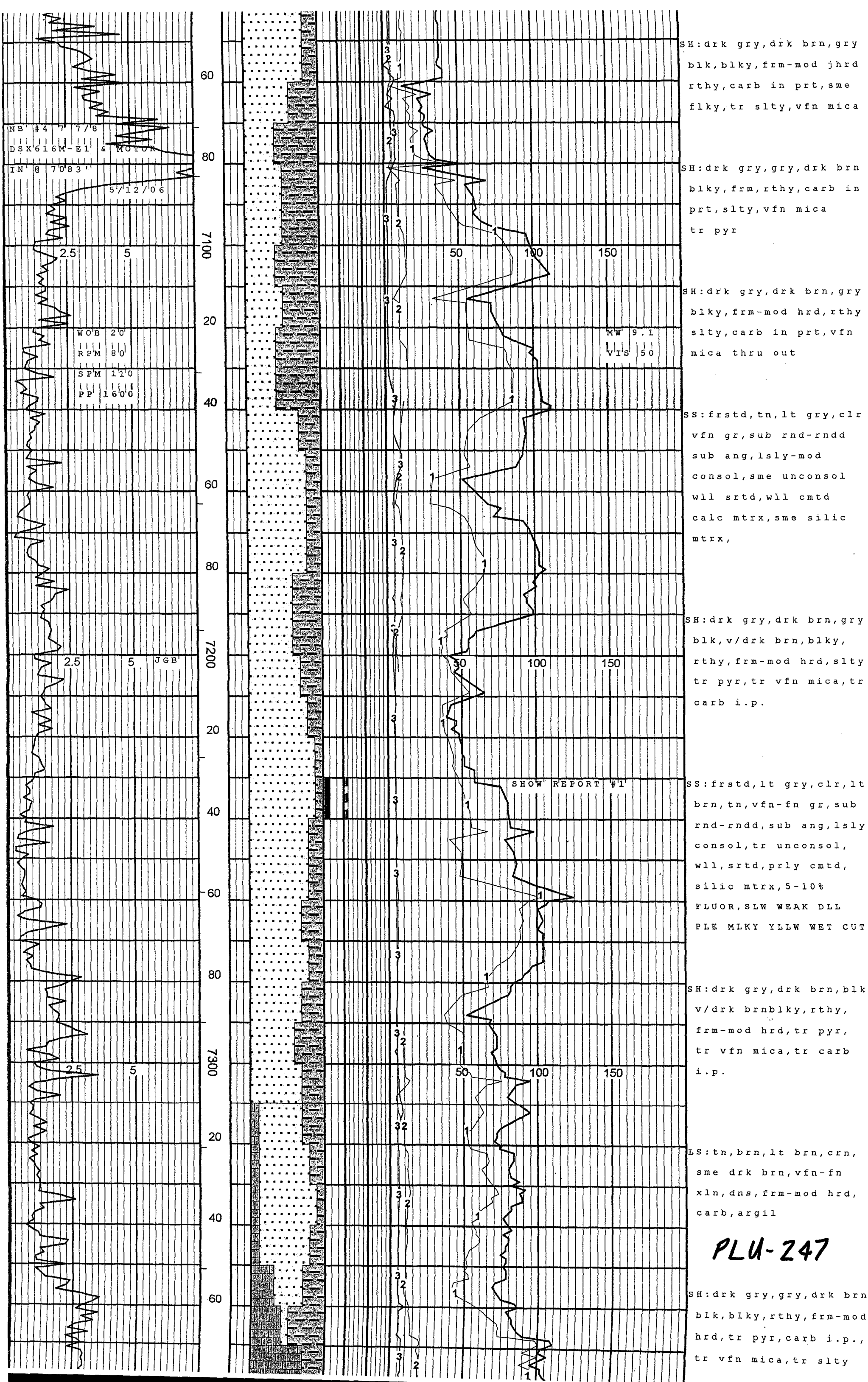
MORCO GEOLOGICAL SERVICES

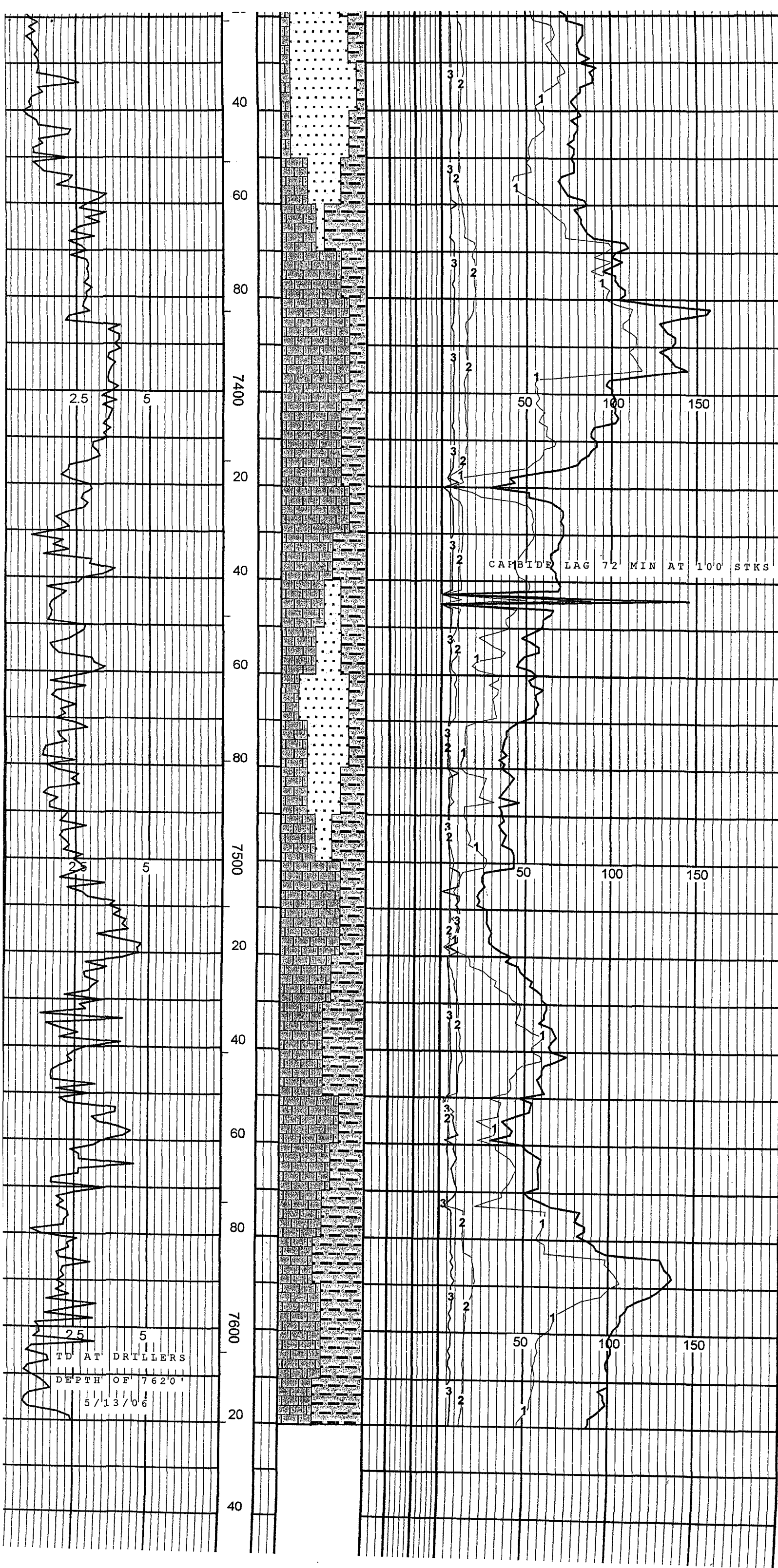
Carlsbad, New Mexico - (800) 748-2340

	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







LS:tn,brn,lt brn,crn,
sme drk brn,vfn-fn
xln,dns,frm-mod hrd,
carb,argil

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

LS:tn,crm,lt brn,buff,
off wht,wht,vfn-micro
xln,dns,frm,mott,
argil,tr sucro,carb

CAMBIDE LAG 72 MIN AT 100 STKS

SS:frstd,lt brn,lt gry
clr,vfn-fn gr,sub rnd
rndd,sub ang,lsly con
sol,sme unconsol,wll
srted,prly cmted,silic
mtrx

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

LS:tn,crm,lt brn,buff,
off wht,wht,vfn-micro
xln,dns,frm,mott,
argil,tr sucro,carb

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

LS:tn,crm,lt brn,buff,
off wht,wht,vfn-micro
xln,dns-v/dns,frm-mod
hrd,mott,argil,tr
sucro

PLU-247