#222

PLU # 222

Schlumberger

Company: Bass Enterprises Production Company
Well: Poker Lake Unit #222
Field: Nash Draw (Delaware)
County: Eddy State: New Mexico

PLATFORM EXPRESS
Compensated Neutron
Three Detector LithoDensity

County:	Eddy
Field:	Nash Draw (Delaware)
Location:	510' FSL & 1980' FWL
Well:	Poker Lake Unit #222
Company:	Bass Enterprises Production Co

LOCATION

510' FSL & 1980' FWL
Section 19; T24S; R30E

Elev.: K.B. 3152.3 ft
G.L. 3135 ft
D.F. 3151 ft

Permanent Datum:	Ground Level	Elev.:	3135 ft
Log Measured From:	Kelly Bushing	17.3 ft	above Perm. Datum
Drilling Measured From:	Kelly Bushing		

API Serial No.	Section:	Township:	Range:
30-015-34123	19	T24S	R30E

Logging Date	16-Oct-2005			
Run Number	1			
Depth Driller	7470 ft			
Schlumberger Depth	7467 ft			
Bottom Log Interval	7445 ft			
Top Log Interval	200 ft			
Casing Driller Size @ Depth	11.750 in	@ 475 ft		@
Casing Schlumberger	473 ft			
Bit Size	7.875 in			
Type Fluid In Hole	Fresh Water Mud			
MUD Density / Viscosity	9.1 lbm/gal	38 s		
Fluid Loss / PH	8 cm3	8		
Source Of Sample	Circulation Tank			
RM @ Measured Temperature	0.083 ohm.m	@ 71 degF		@
RMF @ Measured Temperature	0.063 ohm.m	@ 71 degF		@
RMC @ Measured Temperature	0.125 ohm.m	@ 71 degF		@
Source RMF / RMC	Calculated	N/A		
RM @ MRT / RMF @ MRT	0.051 @ 120	0.039 @ 120	@	@
Maximum Recorded Temperatures	120 degF			
[Circulation Sto]ped / Time	16-Oct-2005	0:30		
[Logger on Botto]m / Time	16-Oct-2005	10:15		
Unit Number / Location	2201	Roswell		
[Recorded By]	Patrick Lake			
[Witnessed By]	Simianne Hayden			

MAXIS Field Log

Input DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_029LUP	FN:28	PRODUCER	16-Oct-2005 11:16	7476.0 FT	190.2 FT

Output DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_041PUP	FN:33	PRODUCER	16-Oct-2005 13:52	7476.0 FT	194.5 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 5150.61 F3
Cement Volume = 3996.62 F3 (assuming 5.50 IN casing O.D.)
Computed from 7467.0 FT to 473.0 FT using data channel(s) HCAL

OP System Version: 13C0-300

MCM

HILTB-FTB	SRPC-2718-HILT	DTC-H	13C0-300

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	443.5 14:14:43
BS	12.250 IN	7.875 IN	443.5 14:14:48

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

BHcorr Thermal Neutron Porosity [LIME] (TNPH) 0.3 (V/V) -0.1

Cable Tension (TENS) 10000 (LBF) 0

Stan Res Formation Pe Factor (PEFZ) 0 (---) 10

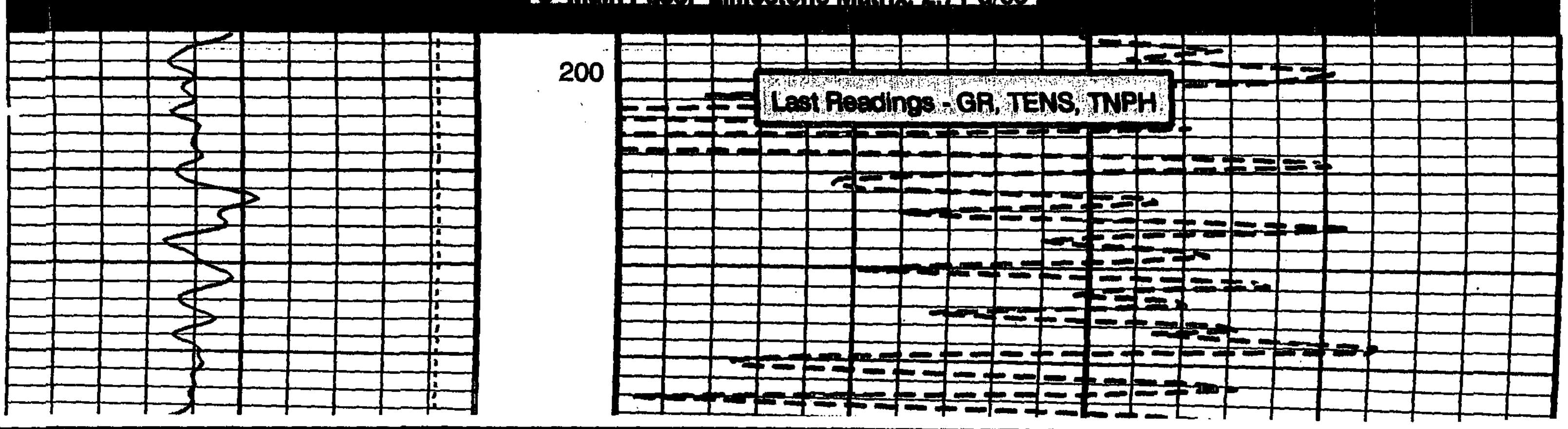
HRMS Caliper (HCAL) 6 (IN) 16

HRDD Density Correction (HDRA) -0.05 (G/C3) 0.2

Gamma Ray (GR) 0 (GAPI) 100

Stan Res Density Porosity [2.71] (DPHZ) 0.3 (V/V) -0.1

5" Main Pass: Limestone Matrix: 2.71 g/cc



6900

T/BA

7000

STIMULATION

7085' - 7097'
7136' - 7145'
91,818 gals. PW
6000 #'s 14/30 LP

7100

BONE SPRING

7200

PLU-222

7200

AVALON

7300

7400

FR_GR

FR_HCAL

FR_TNPH

FR_MSRR_PEFZ

FR_DPHZ

7467.0 FT
TD

5" Main Pass: Limestone Matrix, 2.71 g/cc

Gamma Ray (GR)
0 (GAPI) 100

Stan Res Density Porosity [2.71] (DPHZ)
0.3 (V/V) -0.1

STIMULATION 2

7293' – 7313'
178,589 gals. PW
14,000 #s 14/30 LP

PLU-222

Schlumberger

Company: **Bass Enterprises Production Company**

Well: **Poker Lake Unit #222**

Field: **Nash Draw (Delaware)**

County: **Eddy** State: **New Mexico**

PLATFORM EXPRESS
Array Induction
Gamma Ray

LOCATION

510' FSL & 1980' FWL
Section 19; T24S; R30E

Elev.: K.B. 3152.3 ft
G.L. 3135 ft
D.F. 3151 ft

Permanent Datum: Ground Level — Elev.: 3135 ft
Log Measured From: Kelly Bushing — 17.3 ft above Perm. Datum
Drilling Measured From: Kelly Bushing

API Serial No.	Section:	Township:	Range:
30-015-34123	19	T24S	R30E

County: Eddy
Field: Nash Draw (Delaware)
Location: 510' FSL & 1980' FWL
Well: Poker Lake Unit #222
Company: Bass Enterprises Production Co

Logging Date		16-Oct-2005					
Run Number		1					
Depth Driller		7470 ft					
Schlumberger Depth		7467 ft					
Bottom Log Interval		7459 ft					
Top Log Interval		3100 ft					
Casing Driller Size @ Depth		11.750 in	@	475 ft		@	
Casing Schlumberger		473 ft					
Bit Size		7.875 in					
Type Fluid In Hole		Fresh Water Mud					
Density	Viscosity	9.1 lbm/gal	38 s				
Fluid Loss	PH	8 cm3	8				
Source Of Sample		Circulation Tank					
RM @ Measured Temperature		0.083 ohm.m	@	71 degF		@	
RMF @ Measured Temperature		0.063 ohm.m	@	71 degF		@	
RMC @ Measured Temperature		0.125 ohm.m	@	71 degF		@	
Source RMF	RMC	Calculated	N/A				
RM @ MRT	RMF @ MRT	0.051 @ 120	0.039	@ 120	@		@
Maximum Recorded Temperatures		120 degF					
Circulation Stopped	Time	16-Oct-2005		0:30			
Logger On Bottom	Time	16-Oct-2005		10:15			
Unit Number	Location	2201	Roswell				
Recorded By		Patrick Lake					
Witnessed By		Simianne Hayden					

Schlumberger

MAIN PASS - 5"

MAXIS Field Log

Input DLIS Files
FN:28 PRODUCER 16-Oct-2005 11:16 7476.0 FT 0.0 FT
DEFAULT AIT_TLD_MCFL_CNL_029LUP

OP System Version: 13C0-300
MCM
HILTD SRPC-2718-HILT DTCH 13C0-300

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

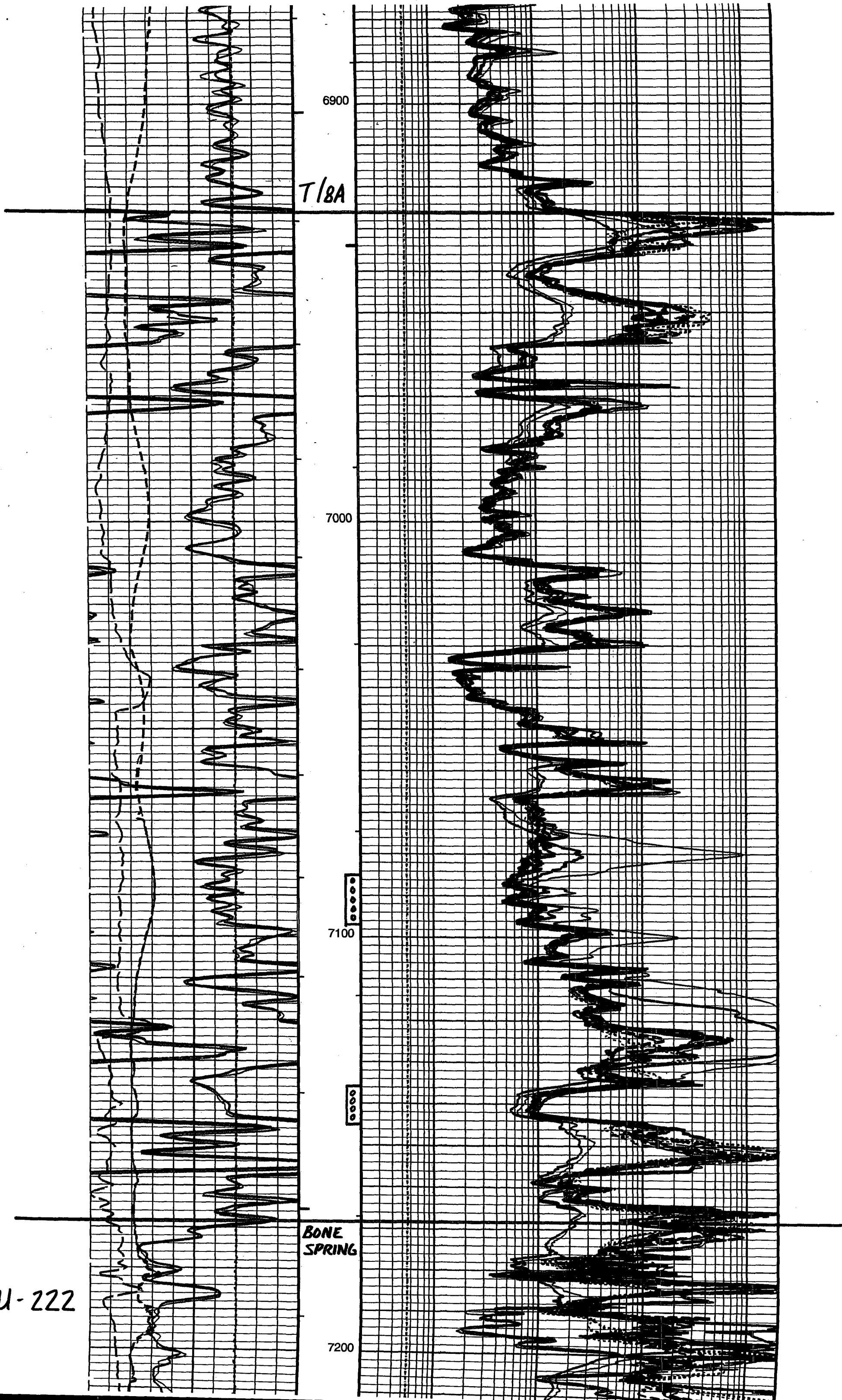
Main Pass 5"

Std. Res. Invaded Zone Resistivity (RXOZ)	AITH Calibrated Mud Resistivity (AHMF)	AHT90 (AHT90)	AHT60 (AHT60)	AHT30 (AHT30)	AHT20 (AHT20)	AIT-H 10 Inch Investigation (AHT10)
0.2 2000 (OHMM)	0.02 200 (OHMM)	0.2 2000 (OHMM)	0.2 2000 (OHMM)	0.2 2000 (OHMM)	0.2 2000 (OHMM)	0.2 2000 (OHMM)

Cable Tension (TENS)	SP [20 mv/div] (SP)	HRMS Caliper (HCAL)	GR (GR)	Under-gauge Borehole
0 10000 (LBF)	40 -160 (MV)	16 6 (IN)	100 0 (GAPI)	

3100

Last Readings - Top Log Interval



'LU-222

7200

AVALON

7300

7400

TD

GR (GR)
0 (GAPI) 100

GR_REP Curve (GR_REP)
0 (GAPI) 100

HCAL_REP Curve (HCAL_REP)
6 (IN) 16

AHT20_REP Curve (AHT20_REP)
0.2 (OHMM) 2000

AHT30_REP Curve (AHT30_REP)
0.2 (OHMM) 2000

AHT60_REP Curve (AHT60_REP)
0.2 (OHMM) 2000

LU-222

MORCO GEOLOGICAL SERVICES

Carlsbad, New Mexico - (800) 748-2340

Company: BASS ENTERPRISE

Well: POKER LAKE UNIT #222

Location: Sec: 19 Twn: 24S Rge: 30E Blk:

Survey: 510' FSL & 1980' FWL API: 30-015-34123

County: EDDY State: NEW MEXICO

Elevation: KB: 3151' GL: 3134'

Contractor: Adobe Longhorn #4 Spud Date:

Depth Logged: From: SURFACE To: 7570

Date Logged: From: 9/28/2005 To: 10/15/2005

Logger: THOMPSON/BROADSTREET Unit: 15

Shale | Limestone | Salt

Siltstone | Dolomite | Igneous

Sandstone | Anhydrite | Metamorphic

Conglomerate | Chert | NS 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 BTM / OFF PMP) | POROSITY (GFT) | LITH | CUT (TFG) | FLUOR | STAIN | Total gas (Units) | C1 (Units) | C2 (Units) | C3 (Units) | C4 (Units) | C5 (Units) | REMARKS

DRLNG CONTRACTOR
ADOBE LONGHORN
RIG #4
DRLNG BIT #1 14 3/4"
MGIGKX
SET CONDUCTOR PIPE
@ 40'

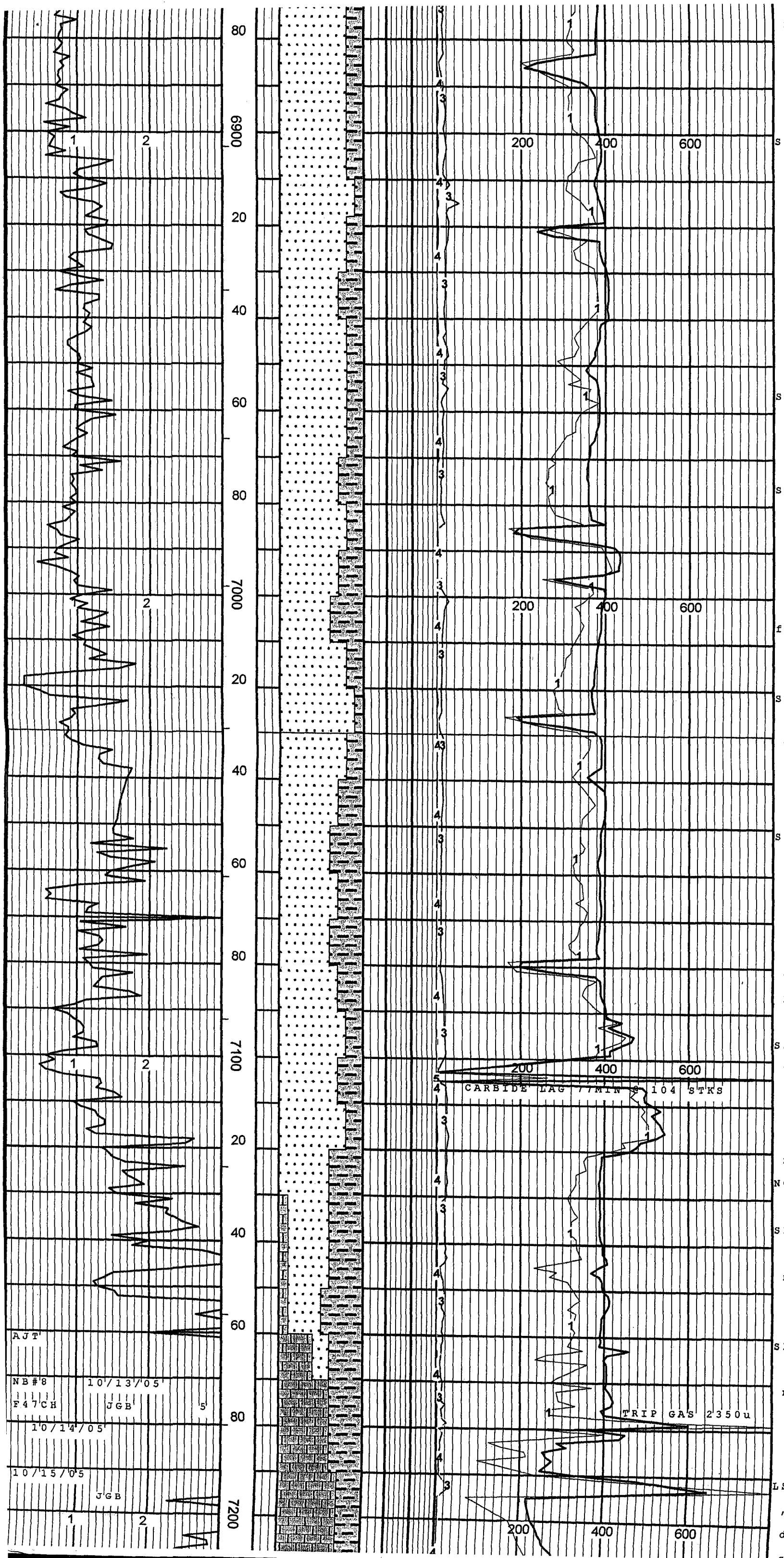
COMMENCE LOGGING ON 9/28/2005

*******NOTE**********
LOST CIRCULATION
@ APPROX 130'
****

NO SAMPLES OR GAS
LOSS CIRCULATION
@ SURFACE

NO SAMPLES OR GAS
LOSS CIRCULATION
@ SURFACE

NO SAMPLES OR GAS



mod hrd,tr pyr,mott

SS:frstd,lt gry,gry,tn ,clr,vfn gr,sme fn gr ,sub rnd-rndd,sme sub ang,lsly consol,sme unconsol,frly srtd,pr prly cmtd,silic/calc mtrx,fr amt free wht/ gry mott clay

SH:drk gry,gry,drk brn blk,blky,rhty,frm- mod hrd,tr pyr,mott

SS:frstd,lt gry,gry,tn ,clr,vfn gr,sub rnd - rndd,lsly consol,sme unconsol,frly/wll srtd,prly cmtd,calc/ silic mtrx,abt amt free wht/gry mott clay

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

SS:frstd,lt gry,gry,tn ,clr,vfngr,fn gr,sub rnd-rndd,lsly consol, sme unconsol,frly srtd,prly cmtd,silic/ calc mtrx,fr amt free wht/gry mott clay
NO VIS CUT OR FLUOR

SS:frstd,lt gry,tn,clr vfn gr,sub rnd-sub ang,lsly-mod consol tr unconsol,wll srtd frly-mod cmtd,calc mtrx,
NO VIS CUT OR FLUOR

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

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

PLU-222

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

JGB

WOB 35
RPM 55
SPM 100
PP 1300

MW 9.0
VIS 42
PH 8
CL 18K

TD @ 9.30 P.M.

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

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

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

SS:clr,frstd,lt brn,tn ,crm,buff,off wht,vfn gr,sub rnd-rndd,sme sub ang,lsly consol, sme unconsol,wll-frly srtd,prly cmtd,silic mtrx,tr calc mtrx,sme clr gyp,20-40%dll yllw fluor,slw mlky yllw wet cut

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

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

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

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

PLU-222