

Company: TXU Gas Storage

Well: Iona-2

Field: Iona

Rig: Crane

Country: Australia

GR/CCL Survey Depth Determination 1/200 Scale		LOCATION	
		TXU Gas Storage	Elev.: K.B. 134.2 m
		Process Plant	G.L. 130 m
		D.F. 134 m	
Permanent Datum: AMSL		Elev.: 0 m	
Log Measured From: OKB		134.2 m above Perm. Datum	
Drilling Measured From: OKB			
State: Victoria	Max. Well Deviation 20 deg	Longitude 143 02' 01.585" E	Latitude 38 34' 30.989" S
Logging Date	17-Dec-2003		
Run Number	1		
Depth Driller	1330.15 m		
Schlumberger Depth	1329.7 m		
Bottom Log Interval	1329.7 m		
Top Log Interval	1248.2 m		
Casing Fluid Type	Gas		
Salinity			
Density			
Fluid Level			
BIT/CASING/TUBING STRING			
Bit Size	8.500 in		
From			
To			
Casing/Tubing Size	7.000 in		
Weight	26 lbm/ft		
Grade			
From			
To			
Maximum Recorded Temperatures	150 degF		
Logger On Bottom	17-Dec-2003	18:11	
Unit Number	3170	QEA	
Recorded By	J. Bell/J. Wooster		
Witnessed By	G. Hogan		

PVT DATA				Run 1	Run 2	Run 3
Oil Density						
Water Salinity						
Gas Gravity						
Bo						
Bw						
1/Bg						
Bubble Point Pressure						
Bubble Point Temperature						
Solution GOR						
Maximum Deviation				20 deg		
CEMENTING DATA						
Primary/Squeeze				Primary		
Casing String No						
Lead Cement Type						
Volume						
Density						
Water Loss						
Additives						
Tail Cement Type						
Volume						
Density						
Water Loss						
Additives						
Expected Cement Top						
Logging Date						
Run Number						
Depth Driller						
Schlumberger Depth						
Bottom Log Interval						
Top Log Interval						
Casing Fluid Type						
Salinity						
Density						
Fluid Level						
BIT/CASING/TUBING STRING						
Bit Size						
From						
To						
Casing/Tubing Size						
Weight						
Grade						
From						
To						
Maximum Recorded Temperatures						
Logger On Bottom						
Unit Number						
Recorded By						
Witnessed By						

DEPTH SUMMARY LISTING

Date Created: 17-DEC-2003 18:57:39

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-B	Type:	CMTD-B/A	Type:	2-23(18-12)
Serial Number:	1933	Serial Number:	2268	Serial Number:	-999
Calibration Date:	23-May-2003	Calibration Date:	24-Oct-2003	Length:	6380.07 M
Calibrator Serial Number:	-999	Calibrator Serial Number:	1050		
Calibration Cable Type:	2-23(18-12)	Calibration Gain:	0.90	Conveyance Method:	Wireline
Wheel Correction 1:	-2	Calibration Offset:	226.00	Rig Type:	LAND
Wheel Correction 2:	-2				

Depth Control Parameters	
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Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	DLL-MSFL-GR
Reference Log Run Number:	1
Reference Log Date:	25-Feb-1994
Subsequent Trip Down Log Correction:	2.00 M

Depth Control Remarks

1. Schlumberger depth control procedures followed.
- 2.
- 3.
- 4.
- 5.
- 6.

DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OTHER SERVICES1	OTHER SERVICES2
OS1: Nil	OS1:
OS2:	OS2:
OS3:	OS3:
OS4:	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
The objective of this well is to run a Gamma Ray(GR)	






The objective of this well is to run a Gamma Ray/CCL	
Survey from TD to 1250m MDKB, this will determine the	

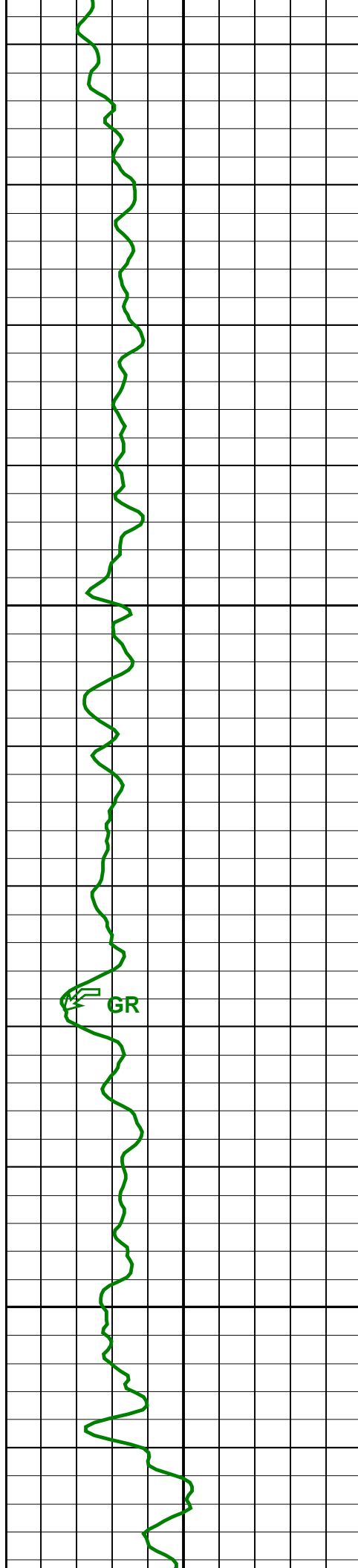
depth of the well for the client in it's current state.	

Correlation log supplied by client is a Schlumberger	
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Open Hole Log dated 25 Feb 1994, DLL-MSFL-GR.	

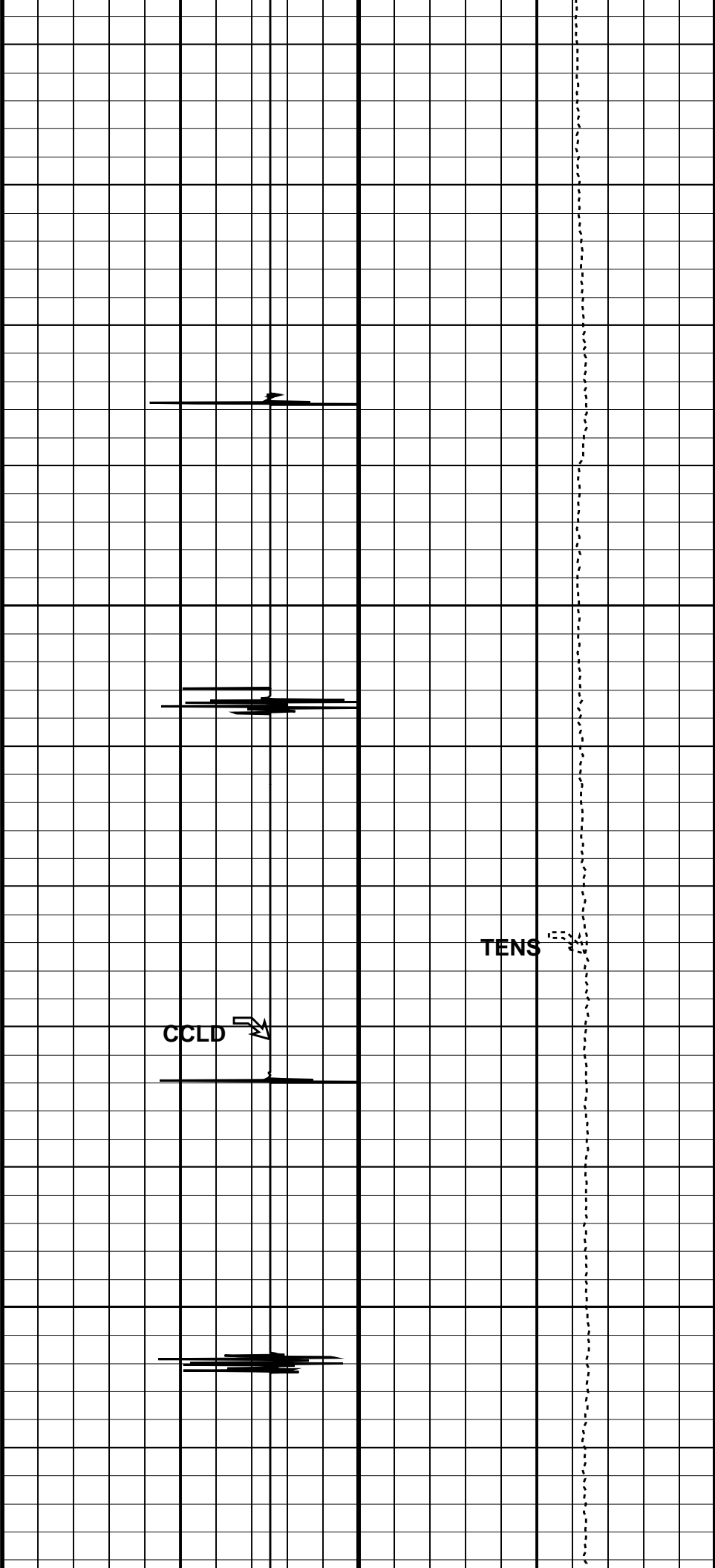
Crew: Jason Rayner and Kris Parker.					
Performed by Schlumberger.					
RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
10C0-306					
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

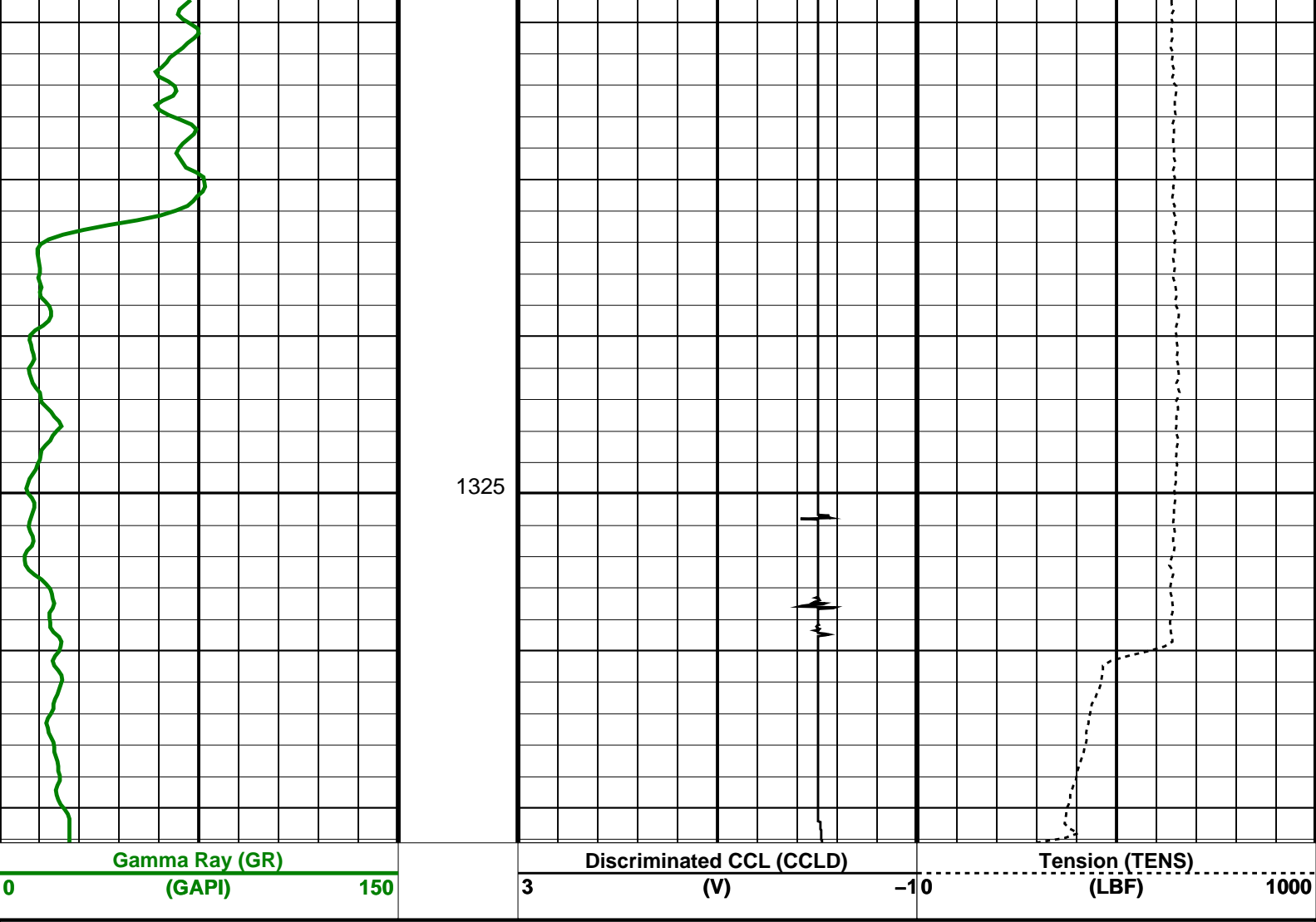
EQUIPMENT DESCRIPTION				
RUN 1		RUN 2		
SURFACE EQUIPMENT				
WITM-A				
DOWNHOLE EQUIPMENT				
MH-22 MH-22				6.16
AH-38				5.68
EQF-38 EQF-38				5.63
EQF-43 EQF-43				4.40
RSPT-B				2.57
TelStatus CTEM				



1275

1300






Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 17-Dec-2003 17:11

OP System Version: 10C0-306
MCM

PSPT-B 10C0-306

Output DLIS Files

DEFAULT PSP_017LUP FN:16 PRODUCER 17-Dec-2003 17:11



Correlation Pass

MAXIS Field Log

Input DLIS Files

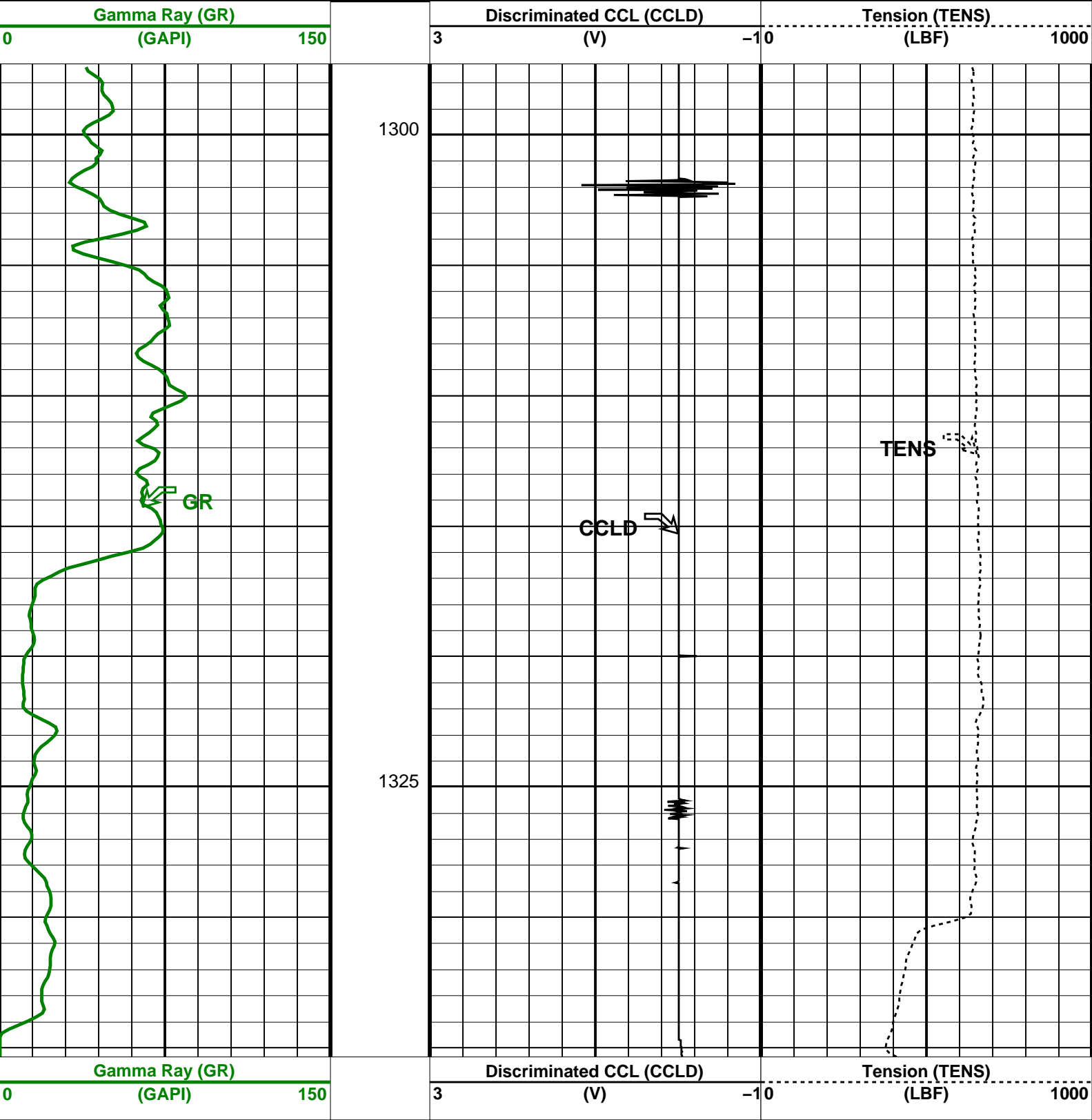
DEFAULT PSP_016LUP FN:15 PRODUCER 17-Dec-2003 17:04 1333.3 M 1294.8 M

Output DLIS Files

DEFAULT PSP_018PUP FN:17 PRODUCER 17-Dec-2003 18:21 1335.3 M 1297.2 M

OP System Version: 10C0-306
MCM

PSPT-B 10C0-306



Parameters

DLIS Name	Description	Value
DO	System and Miscellaneous	2.0 M
PP	Depth Offset for Playback Playback Processing	NORMAL

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 17-Dec-2003 18:21

Input DLIS Files						
DEFAULT	PSP_016LUP	FN:15	PRODUCER	17-Dec-2003 17:04	1333.3 M	1294.8 M
Output DLIS Files						
DEFAULT	PSP_018PUP	FN:17	PRODUCER	17-Dec-2003 18:21		

Company:

TXU Gas Storage

Schlumberger

Well:

Iona-2

Field:

Iona

Rig:

Crane

Country:

Australia

GR/CCL Survey

Depth Determination

1/200 Scale