HALLIBURTON

CEMENT BOND LOG

5"=100'

Company	KERR-MCGEE OIL AND GAS
Well	DENVER 36-18
Field	WATTENBERG
County	WELD
State	CO

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API No.: 05123326370000 Serv #: 8043384
Location: SHL: 1177' FSL & 806' FEL SESE
BHL: 43' FSL & 2580' FEL SWSE

Other Services
NONE

Sec: 18 Twp: 1N Rge: 66W

Permanent Datum	GL	Elevation	4935
Log Measured From	KB	14 Ft. above perm. datum	
Drilling Measured From			

Elevation
K.B. 4949
D.F. 4948
G.L. 4935

Date @ Time Logged	18-MAR-2011	Type Fluid in Hole	FRESH WATER
Run No.	ONE	Density of Fluid	8.33
Depth - Driller	8497	Fluid Level	SURFACE
Depth - Logger	8443	Cement Top Est. Logged	730
Bottom - Logged Interval	8432	Equipment / Location	11014931 / BRIGHTON
Top - Log Interval	550	Recorded by	ADAN SAENZ
Max. Recorded Temp.	208 degF	Witnessed by	LEWIS CAMP

CEMENTING DATA	Surface String	Protection String	Production String	Liner
Date / Time Cemented				
Primary / Squeeze				
Expected Compressive Strength	psi@ hrs	psi@ hrs	psi@ hrs	psi@ hrs
Cement Volume				
Cement Type / Weight	/	/	/	/
Formulation				
Mud Type / Mud Wgt.	/	/	/	/

Run Number	Borehole Record			Casing & Tubing Record			
	Bit	From	To	Size	Weight	From	To
1	7.875	SURFACE	TD	4.5	11.3	SURFACE	TD

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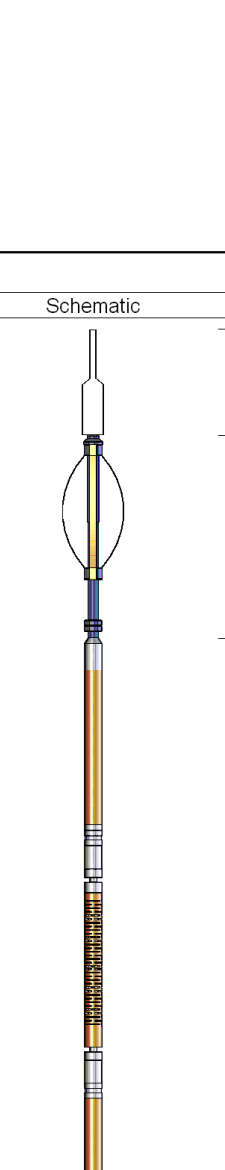
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHCIH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

Comments

THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES!

CREW: A.SAENZ, M.THEIS, C.KLEINSASSER, C.NAKAGAWA



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		STND_CH 1.4375 IN CABLE HEAD	1.50	1.44	1.00
		CENT-Probe (PTS_MONO) Probe 2 3/4 Centralizer	2.88	2.75	35.00
WVF3 WVF5	11.61 10.61	CBL-Probe (070347) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
		CENT-Probe (PT_MONO2) Probe 2 3/4 Centralizer	2.88	2.75	35.00
CCL GR	3.88 2.54	GR-Probe (070361) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00
LLMTEN	0.00				

Dataset: anadarko denver 36-18.db: field/well/run1/pass9
Total Length: 20.73 ft
Total Weight: 161.00 lb
O.D. 2.75 in

HALLIBURTON

SUSSEX PASS

5" = 100'

Database File:	anadarko denver 36-18.db
Dataset Pathname:	pass9
Presentation Format:	1katcbl
Dataset Creation:	Fri Mar 18 09:38:47 2011 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240

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SUSSEX PASS

5" = 100'

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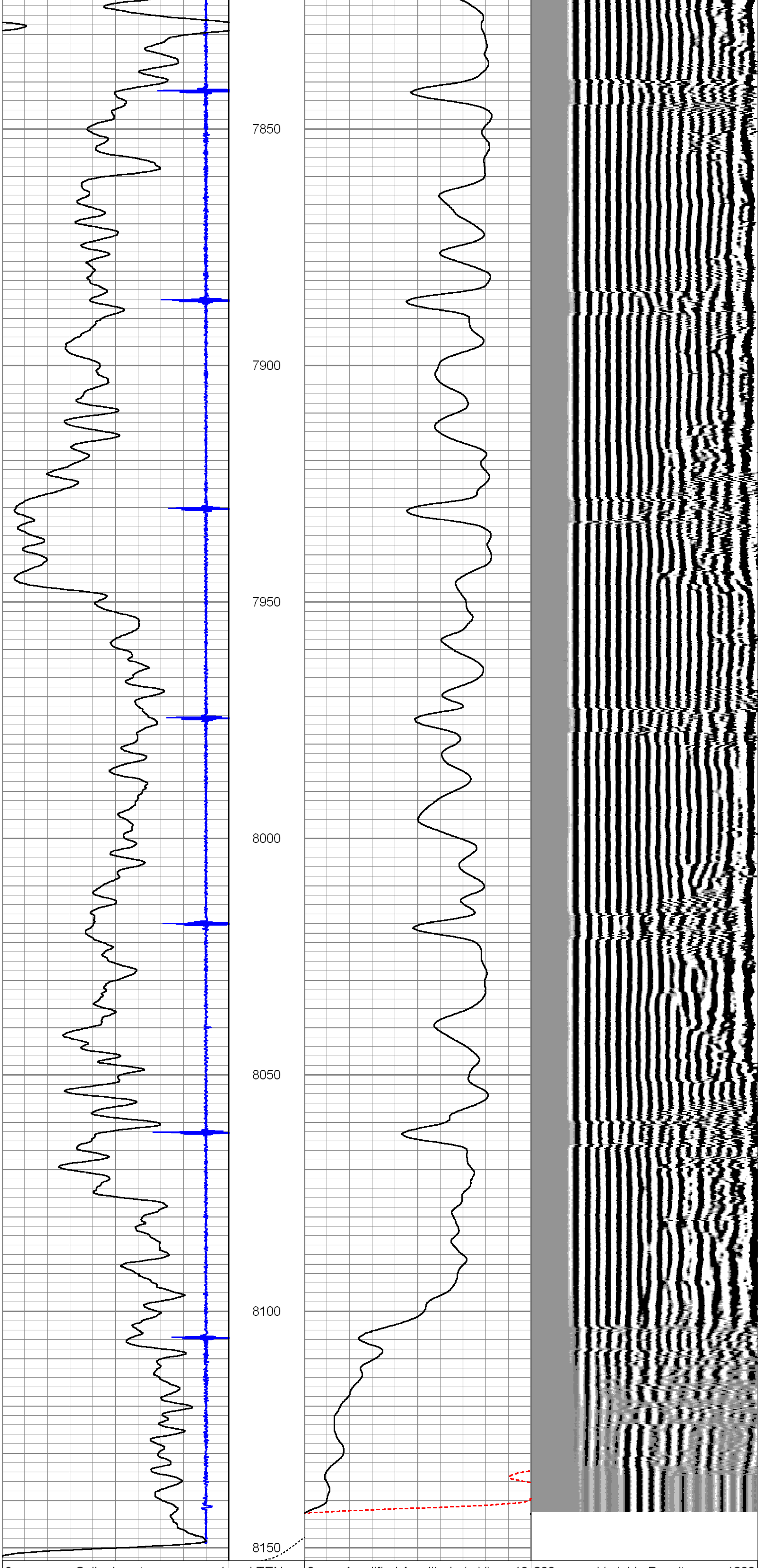
MAIN PASS

5" = 100'

Database File:	anadarko denver 36-18.db
Dataset Pathname:	pass8
Presentation Format:	1katcbl
Dataset Creation:	Fri Mar 18 09:06:41 2011 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240



9 Collar Locator -1	LTEN	0 Amplified Amplitude (mV) 10	200 Variable Density 1200
0 Gamma Ray (GAPI) 200	0 (lb) 2000	0 Amplitude (mV) 100	

HALLIBURTON

MAIN PASS

5" = 100'

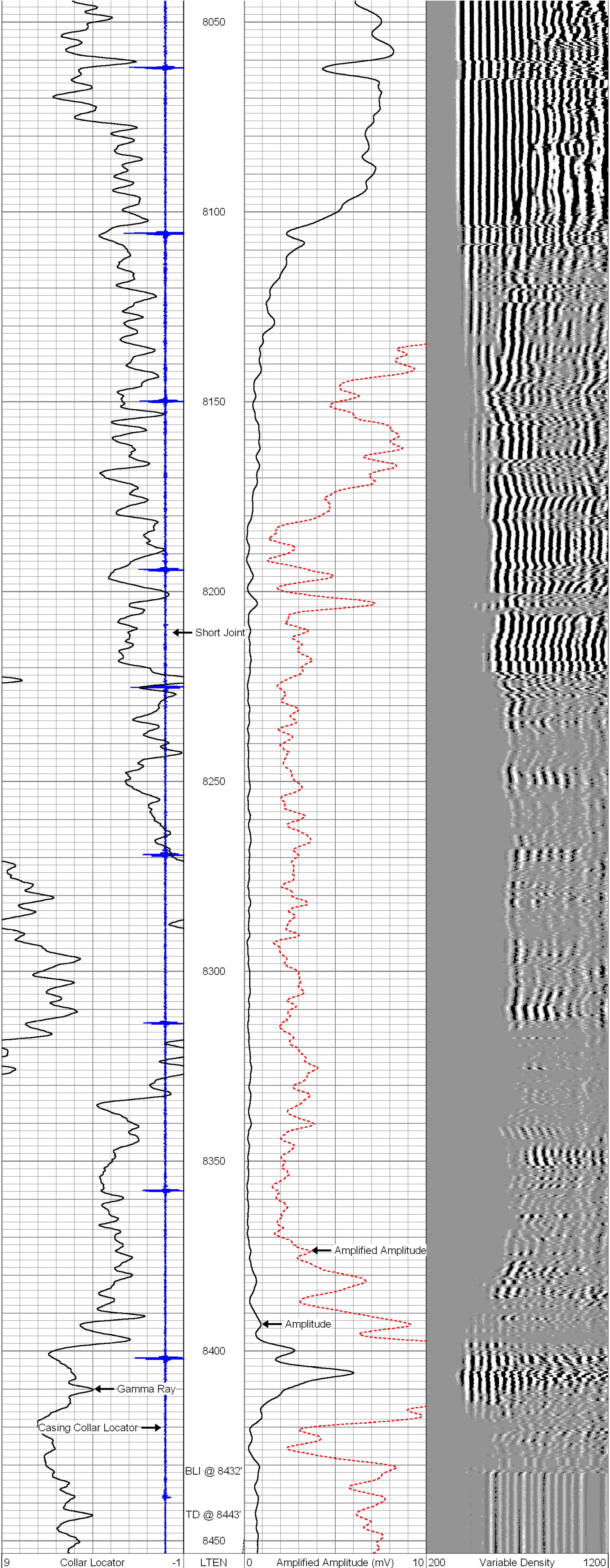
HALLIBURTON

J-SAND PASS

5" = 100'

Database File: anadarko denver 36-18.db
Dataset Pathname: pass7
Presentation Format: 1katcbl
Dataset Creation: Fri Mar 18 08:56:28 2011 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	LTEN	0 Amplified Amplitude (mV) 10	200 Variable Density 1200
0 Gamma Ray (GAPI) 200	0 (lb) 2000	0 Amplitude (mV) 100	



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5" = 100'

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Well DENVER 36-18
Field WATTENBERG
County WELD State CO

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LOG
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