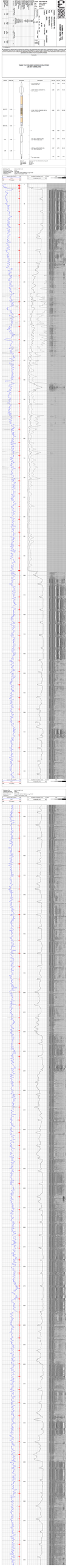

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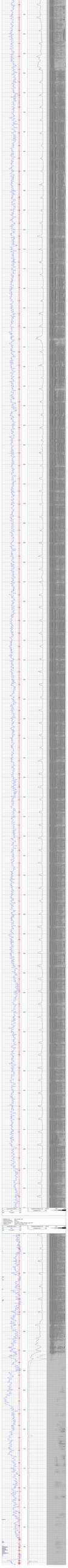
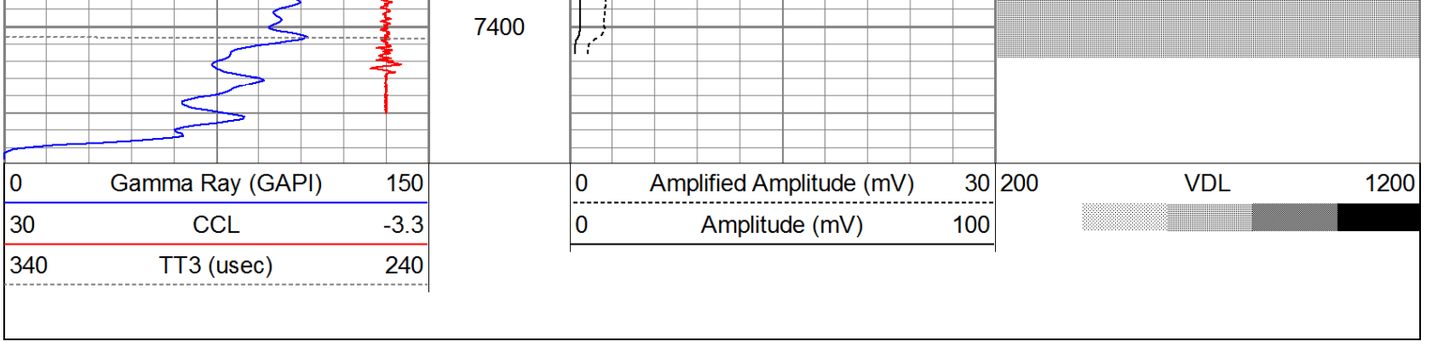
WAIVE TO THE KING CONSENT(S) ARE HEREBY GIVEN FOR DRILLING

Depth	Lithology	Description	Gas (%)	TG (%)	C1 (%)
		Claystone: light grey to grey, soft to firm, sticky, amorphous, occasionally silty, occasionally sandy, occasionally micaceous, occasionally carbonaceous, occasionally pyritic, occasionally glauconitic, occasionally fossiliferous, occasionally calcareous, occasionally dolomitic, occasionally siderite, occasionally ankerite, occasionally kaolinite, occasionally chlorite, occasionally illite, occasionally smectite, occasionally mixed layer clay, occasionally quartz, occasionally feldspar, occasionally rock fragments, occasionally heavy minerals, occasionally organic matter, occasionally coal, occasionally lignite, occasionally peat, occasionally oil, occasionally gas, occasionally water, occasionally cement, occasionally fracture, occasionally vug, occasionally porosity, occasionally permeability, occasionally saturation, occasionally resistivity, occasionally density, occasionally neutron porosity, occasionally sonic, occasionally gamma ray, occasionally caliper, occasionally bit size, occasionally mud weight, occasionally mud viscosity, occasionally mud chlorides, occasionally mud fluid loss, occasionally mud source, occasionally mud max temp, occasionally mud type, occasionally mud density in, occasionally mud density out, occasionally mud temp in, occasionally mud temp out, occasionally gas ratio, occasionally pressure, occasionally lithology description, occasionally comments, occasionally drilling fluid type, occasionally drilling fluid density, occasionally drilling fluid viscosity, occasionally drilling fluid chlorides, occasionally drilling fluid fluid loss, occasionally drilling fluid source, occasionally drilling fluid max temp, occasionally bit size, occasionally casing, occasionally rig, occasionally operator, occasionally recorded by, occasionally witnessed by, occasionally run no, occasionally service co, occasionally logging unit, occasionally logging engineer, occasionally remarks.	0.00	0.00	0.00





Calibration Report

Database File: daryl l arnold 1.db
Dataset Pathname: pass6
Dataset Creation: Thu Jul 05 13:51:32 2018 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	234GR-328	
Tool Model:	TekcoGR	
Performed:	Mon Apr 18 13:05:02 2011	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.8000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	234B35C-8013	
Tool Model:	TEKCO	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	3127.583	ft

Master Calibration, performed Thu Jul 05 11:54:06 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	2.478	1.500	81.196	32.246	1.303
CAL	0.006	0.705				
5'	0.005	2.182	1.500	81.196	36.612	1.300
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Internal Reference Calibration, performed Wed Aug 03 12:27:14 2011:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.705	1.000	0.000

Air Zero Calibration, performed Wed Aug 03 12:21:32 2011:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1			
S2			
S3			
S4			
S5			
S6			
S7			
S8			