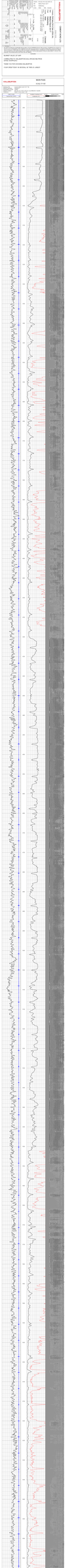

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PLANET VALVE JET 10M

CORING UTILITY (ALLMINTEKA) WITH SPIRALIN BIT(76) AFTER 14.5M BIT

TRICONE BIT(215.9) AFTER 2010.5M BIT(76)

TIGHT SPOT/TIGHT IN WIV(HAL) AT TWA 'E' LATHLY

DRILLING FLUID

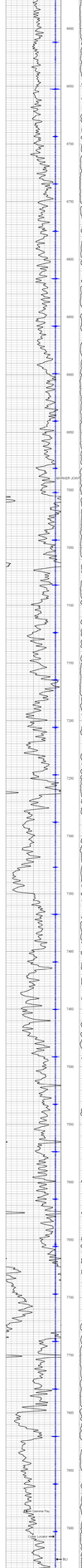
MAIN FLUID

Scale 1:1000

Drilling Fluid Type	WATER BASED MUD
Density (ppg)	8.5 - 9.2
Viscosity (s/l)	30 - 40
Chlorides (mg/l)	20000 - 30000
Hardness (mg/l)	200 - 400
Solids (%)	3 - 5
Oil (%)	0
Sand (%)	0
Ph	8 - 9
Pf/Mf	0.1 - 0.2
Pm	0.5 - 1
Pom	0.5 - 1
Low Gravity Solids (%)	3 - 5
Gels 10s/10m	2 - 3
Yp	10 - 15
Fann 35	10 - 15
Fann 003	3 - 4
Excess Lime (ppb)	0.5 - 1
Mbt	5 - 10
Calcium (mg/l)	200 - 400
Kcl (%)	3 - 5
Mud Additives	
Comments	

Lithology Legend

Sandstone
Siltstone
Claystone
Limestone
Dolomite
Anhydrite
Coal
Salt
Chert
Conglomerate
Igneous
Metamorphic



HALLIBURTON

MAIN PASS

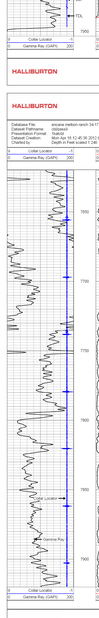
SCALE: 5"=100'

HALLIBURTON

REPEAT PASS

SCALE: 5"=100'

Database File: encana melbon ranch 34-17 db
Dataset Pathname: Main pass
Presentation Format: Main pass
Dataset Creation: Tue Oct 15 12:46:38 2013 by Log Halliburton CasedHo
Charted by: Depth in Feet scaled 1:240



HALLIBURTON

REPEAT PASS

SCALE: 5"=100'

Company	EnCana Oil & Gas (USA) Inc.
Well	Melbon Ranch 34-17
Field	Wattenberg
County	Weld
State	Colorado

HALLIBURTON

CEMENT BOND LOG

SCALE: 5"=100'