Operator: Encana Oil & Gas (USA) Inc.
Well: Battlement Creek
Field: Battlement Creek
County, State: Garfield County, Colorado

Type of Log: Array Induction Shallow Focused Electric Log
Run No.: One
Service Order: 3707A-09

Location: SW SW Sec. 2 T6S R93W
Elevation: 5,600 ft. GL
Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing

	API Serial No.	Elevation	Depth Driller	Depth Logger	Bottom Logged Interval	Top Logged Interval	Casing Driller	Casing Logger	Bit Size	Type Fluid in Hole	Density	Viscosity	Ph	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source of Rmf & Rmc	Rm @ BHT	Time Since Circulation	Time on Bottom	Max. Rec. Temp.	Equip. Location	Recorded By	Witnessed By
	05-045-19944	5,600 ft. GL	12,000 ft.	11,998 ft.	11,998 ft.	8,000 ft.	8,000 ft.	8,000 ft.	7 7/8 in.	Water Based Mud	9.2 ppg	40 s/qt	9.5	6.0 cc	Mud Pit	0.14 @ 150 °F	0.11 @ 150 °F	0.19 @ 150 °F	Measured	0.12 @ 190 °F	12 hrs.	12 hrs.	190 °F	Rifle, CO	M. Hall	J. Rogers

Comments: Run 1 Array Induction Shallow Focused Electric Log. Logged with 8,000 ft. of 7 in. 26 ppf casing set at 8,000 ft. Drilled with 7 7/8 in. bit to 12,000 ft. Mud weight 9.2 ppg. Viscosity 40 s/qt. Fluid loss 6.0 cc. Rm @ 150 °F = 0.14. Rmf @ 150 °F = 0.11. Rmc @ 150 °F = 0.19. Rm @ BHT 190 °F = 0.12. Time since circulation 12 hrs. Time on bottom 12 hrs. Max. rec. temp. 190 °F. Equipment location Rifle, CO. Recorded by M. Hall. Witnessed by J. Rogers.

THIS DATA AS RECEIVED BY LOGARITHMIC DATA, INC. (LDI) IN DIGITAL FORM OR AS AN IMAGE MAY BE USED SUBJECT TO THE UNDERSTANDING AND AGREEMENT BETWEEN LDI, OUR CUSTOMER AND ANY OTHER RECIPIENT THAT LDI MAKES NO WARRANTY AS TO THE ACCURACY OF DATA AS RECEIVED FROM OUR CUSTOMER OR FROM TRANSMISSION BY OR TO OTHER PARTIES. LDI SHALL NOT BE LIABLE FOR LOSS OF PROFITS OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF ANY DATA PROVIDED HEREUNDER.

Correction (ft): 0 to correlate to PCS spectralite dated October 13, 2007

Company: Encana Oil & Gas (USA) Inc.
Well: Battlement Creek
Field: Battlement Creek
County, State: Garfield County, Colorado
Location: SW SW Sec. 2 T6S R93W
Elevation: 5,600 ft. GL
Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing

Type of Log: Array Induction Shallow Focused Electric Log
Run No.: One
Service Order: 3707A-09

	API Serial No.	Elevation	Depth Driller	Depth Logger	Bottom Logged Interval	Top Logged Interval	Casing Driller	Casing Logger	Bit Size	Type Fluid in Hole	Density	Viscosity	Ph	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source of Rmf & Rmc	Rm @ BHT	Time Since Circulation	Time on Bottom	Max. Rec. Temp.	Equip. Location	Recorded By	Witnessed By
	05-045-19944	5,600 ft. GL	12,000 ft.	11,998 ft.	11,998 ft.	8,000 ft.	8,000 ft.	8,000 ft.	7 7/8 in.	Water Based Mud	9.2 ppg	40 s/qt	9.5	6.0 cc	Mud Pit	0.14 @ 150 °F	0.11 @ 150 °F	0.19 @ 150 °F	Measured	0.12 @ 190 °F	12 hrs.	12 hrs.	190 °F	Rifle, CO	M. Hall	J. Rogers

Comments: Run 1 Array Induction Shallow Focused Electric Log. Logged with 8,000 ft. of 7 in. 26 ppf casing set at 8,000 ft. Drilled with 7 7/8 in. bit to 12,000 ft. Mud weight 9.2 ppg. Viscosity 40 s/qt. Fluid loss 6.0 cc. Rm @ 150 °F = 0.14. Rmf @ 150 °F = 0.11. Rmc @ 150 °F = 0.19. Rm @ BHT 190 °F = 0.12. Time since circulation 12 hrs. Time on bottom 12 hrs. Max. rec. temp. 190 °F. Equipment location Rifle, CO. Recorded by M. Hall. Witnessed by J. Rogers.

THIS DATA AS RECEIVED BY LOGARITHMIC DATA, INC. (LDI) IN DIGITAL FORM OR AS AN IMAGE MAY BE USED SUBJECT TO THE UNDERSTANDING AND AGREEMENT BETWEEN LDI, OUR CUSTOMER AND ANY OTHER RECIPIENT THAT LDI MAKES NO WARRANTY AS TO THE ACCURACY OF DATA AS RECEIVED FROM OUR CUSTOMER OR FROM TRANSMISSION BY OR TO OTHER PARTIES. LDI SHALL NOT BE LIABLE FOR LOSS OF PROFITS OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF ANY DATA PROVIDED HEREUNDER.

Correction (ft): 0 to correlate to PCS spectralite dated October 13, 2007