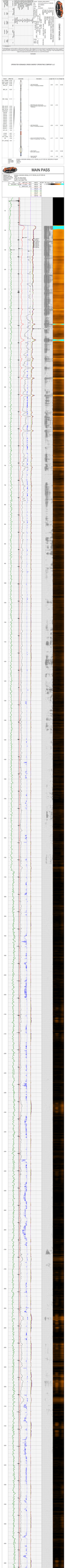
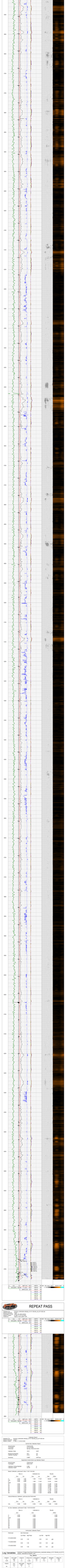

MAIN PASS
OPERATOR: BONANZA CREEK ENERGY OPERATING COMPANY, LLC



REPEAT PASS

Correlation Pass: Run 1 on Gamma Ray over Cased Hole
Repeat Pass: Run 2 on Gamma Ray over Cased Hole
Correlation Pass: Run 1 on Gamma Ray over Cased Hole
Repeat Pass: Run 2 on Gamma Ray over Cased Hole

Depth Control Procedures Report

Depth Control Procedures:
Depth Determination Method: Wireline Measurement
Recorded Mode: Measured
Depth Reference: Ground Level
Ground Level Elevation: 1,000.00 ft
Permanent Datum: Ground Level
Elevation: 1,000.00 ft
Log Measured From: Ground Level
Above Permanent Datum: 0.00 ft

Depth Control Comments:
Depth Control Equipment: Surface Wireline Measurement System
Depth Correction Method: Wireline Measurement
Depth Correction Comments: Depth Correction Method: Wireline Measurement

Log Header Data

Run No.	Service Order	Date	Max Recorded Temperature	Bottom Log Interval	Top Log Interval	Casing Fluid Type	Casing Salinity	Casing Fluid Level
1	1	1-Jan-2000	0	0	0			
2	1	1-Jan-2000	0	0	0			

Log Tie-in Data

Run No.	Log Type	Log Run No.	Log Date	Log Top	Log Base	Bit Size	Casing Size	Casing Weight	Casing Grade	Casing Top	Casing Base
1											
2											

Log Parameters

Run No.	Service Order	Log Type	Log Run No.	Log Date	Log Top	Log Base	Bit Size	Casing Size	Casing Weight	Casing Grade	Casing Top	Casing Base
1	1											
2	1											

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude
MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation
PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

SureFire WIRELINE WEST LLC

Company	BONANZA CREEK ENERGY OPERATING COMPANY LLC
Well	STATE ANTELOPE E14-31-30XRLNB
Field	WATTENBERG
County	WELD
State	COLORADO
Country	U.S.A.