



COMPENSATED DENSITY  
DUAL INDUCTION

Company Bonanza Creek Operating Co. LLC

Well Antelope 43-19

Field Wattenberg

County Weld

State/Province Colorado

Location 1980 FSL & 60 FEL

NE SE

Sec - 19, Twp - 5N, Rge - 6E

Elevation 4667

Other Services None

Company Well Field County State/Priv

Log Measurement Log Measurement Log Measurement

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Run Number	1	August 31, 2010	6750	6746	6746
Depth (m)	6750	6746	6746	6746	6746
Bottom Log Material	Casing				
Casing Driller	426				
Casing Logger	426				
Bit Size	7-7/8"				
Type Fluid in Hole	Polymor Gel				
Fluid Density	9.0 @ 9.5				
Source of Sample	Flowline				
Run @ Mass Temp	3.98 @ 78 F				
Run @ Mass Temp	3.03 @ 78 F				
Source of Run / RmC	4.62 @ 78 F				
Run @ Bulkhead Temp	Massair / Calc				
Time Log on Bottom	1.10 @ 199 F				
Maximum Recorded Temperature	199 F				
Equipment Number	49				
Location	Brighton, CO				
Recorded By	Ian Harris				
Witnessed By	Kurt Doogie				
	Ryan Schner				

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Annular volume calculated for 4.5" casing  
Ensign Drilling Rig 7  
Thank you for using Phoenix Surveys!!  
API #: 05-123-30510-00

Database File: 10812.db	Dataset Pathname: pass3	Presentation Format: pdc1	Dataset Creation: Tue Aug 31 09:44:40 2010 by Log Open-Cased 070814	Charted by:	Depth in Feet scaled 1:240
6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200 20
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200 20
40	SP (mV)	140	2	Shallow Resistivity (Ohm-m)	200



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Database File: 10812.db	Dataset Pathname: pass3.1	Presentation Format: pdc	Dataset Creation: Tue Aug 31 10:00:44 2010 by Calc Open-Cased 070814	Charted by:	Depth in Feet scaled 1:240
6	Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200 20
0	Gamma Ray (GAPI)	200	2	Medium Resistivity (Ohm-m)	200 20
0	SP (mV)	200	2	Shallow Resistivity (Ohm-m)	200

