



PHOENIX SURVEYS, INC.

DUAL INDUCTION  
GUARD LOG  
GAMMA RAY

Company Well Field County State/Prv				Company Merit Energy Company Well Bihain 5-26 Field Wattenberg County Weld State Colorado	
Location		1270' FNL & 1200' FWL NW NW Sec - 26, Twp - 5N, Rge - 64W		Other Services Density Neutron	
GL KB	Elevation 4597	K.B. 4609 D.F. 4608 G.L. 4597			
Permanent Datum Log Measured From Drilling Measured From					
Date	December 20, 2004				
Run Number	1				
Depth Driller	6909				
Depth Logger	6909				
Bottom Logged Interval	Casing				
Top Log Interval	Casing				
Casing Driller	355				
Casing Logger	355				
Bit Size	7-7/8"				
Type Fluid in Hole	Chem-Gel				
Density / Viscosity	9.0 / 55				
pH / Fluid Loss	8.0 / 6.8				
Source of Sample	Flowline				
Rm @ Meas. Temp	3.46 @ 63° F				
Rmtf @ Meas. Temp	2.68 @ 63° F				
Rmc @ Meas. Temp	4.30 @ 63° F				
Source of Rmtf / Rmc	Meas / Calc				
Rm @ BHT	1.06 @ 206° F				
Time Circulation Stopped	1800				
Time Logger on Bottom	0345				
Maximum Recorded Temperature	206° F				
Equipment Number	4041				
Location	Brighton, CO				
Recorded By	Shaun Schuman				
Witnessed By	Dan Green				

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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, except in the case of gross or wilful negligence on our part, 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 is calculated for 4.5" casing.  
Patterson-UTI Drilling Rig 189.  
Thank you for using Phoenix Surveys.  
API 05-123-25596-00

Database File:	4620.db
Dataset Pathname:	pass4
Presentation Format:	PDC
Dataset Creation:	Mon Dec 20 02:09:48 2004 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
0	Gamma Ray (GAPI)	200	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
0	SP (mV)	200	2	Shallow Resistivity (Ohm-m)	200			

