

PHOENIX SURVEYS, INC.

COMPENSATED DENSITY  
COMPENSATED NEUTRON  
DUAL INDUCTION

Company  
Well  
Field  
County

Merit Energy Company  
Bailey 5  
Wattenberg  
Weld

Location  
1310 FSL & 1252 FWL  
SW SW  
Sec 34, Twp 5N, Rge. 64W  
Weld  
State  
Colorado

Other Services  
None

Company  
Well  
Field  
County

Merit Energy Company  
Bailey 5  
Wattenberg  
Weld

Location  
1310 FSL & 1252 FWL  
SW SW  
Sec 34, Twp 5N, Rge. 64W  
Weld  
State  
Colorado

Other Services  
None

Permanent Datum  
Log Measured From  
Elevation  
K.B. 4853  
D.F. 4852  
G.I. 4851

GL  
K.B.  
Elevation  
4851

Date  
April 16, 2006

Run Number  
1

Depth (m)  
7004

Bottom Logged Interval  
5999

Top Log Interval  
Casing

Casing Driver  
404

Casing Logger  
404

Bit Size  
7-7/8"

Type Hole in Hole  
Open Casing

Material  
Fluorine

Source of Sample  
2.56 @ 80' F

Run @ Mass Temp  
1.80 @ 80' F

Run @ Mass Temp  
3.56 @ 80' F

Source of Run / Run  
Measure / CMC

Run @ Bottom Stopped  
1.19 @ 199' F

Time Log on Bottom  
1215

Maximum Recorded Temperature  
199' F

Equipment Number  
4041

Location  
Brighton, CO

Recorded By  
Shawn Schuman

Witnessed By  
Frank Holube

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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 willful 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 calculated for 4-1/2" casing  
Patterson UTI Drilling Rig 34  
Thank you for using Phoenix Surveys!!  
API #: 05-123-23730-00

Database File: 5800.db  
Dataset Pathname: pass3  
Presentation Format: pdc1  
Dataset Creation: Sun Apr 16 12:37:01 2006 by Log Open-Cased 051020  
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16  
30 Gamma Ray (GAPI) 130  
30 SP (mV) 130

2 Deep Resistivity (Ohm-m) 200  
2 Medium Resistivity (Ohm-m) 200  
2 Shallow Resistivity (Ohm-m) 200

2 Density Porosity (pu) 0  
2 Neutron Porosity (pu) 0

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2 Neutron Porosity (pu) 0

Database File: 5800.db  
Dataset Pathname: main  
Presentation Format: pdc1  
Dataset Creation: Sun Apr 16 13:57:40 2006  
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16  
30 Gamma Ray (GAPI) 200  
0 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200  
2 Medium Resistivity (Ohm-m) 200  
2 Shallow Resistivity (Ohm-m) 200

2 Density Porosity (pu) 0  
2 Neutron Porosity (pu) 0

Database File: 5800.db  
Dataset Pathname: main  
Presentation Format: pdc1  
Dataset Creation: Sun Apr 16 13:57:40 2006  
Charted by: Depth in Feet scaled 1:240

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