



COMPENSATED DENSITY  
COMPENSATED NEUTRON  
DUAL INDUCTION

PHOENIX SURVEYS, INC.

Company Merit Energy Company  
Well Loustait 5-25  
Field Wattenberg  
County Weld  
State/Province Colorado

Location 12301 FSL & 12301 FWL  
Sec 25, Twp 5N, Rge 64W  
Elevation 4533  
Other Services None

Company Well Field County State/Priv  
Permanent Datum GL  
Log Measured from KB  
Drilling Measured from KB  
Date January 19, 2007  
Run Number 1  
Depth Logger 6959  
Tool Joint Depth 6959  
Tool Joint Interval 385  
Casing Depth 385  
Casing Logger 7-7/8  
Bit Size 7-7/8

Type Fluid in Hole  
Density / Viscosity  
pH / Fluid Loss  
Source of Sample  
Run @ Mass Temp  
Run @ Mass Temp  
Source of Run / Core  
Run @ BRT  
Time Circulation Stopped  
Time Logger on Bottom  
Maximum Recorded Temperature  
Equipment Number  
Recorded By  
Location  
Charted by

Qiem Gel  
9.7 / 64  
8.5 / 7.2  
Flowline  
3.23 @ 67 F  
3.23 @ 67 F  
3.9 @ 67 F  
Measure / Calc  
1.21 @ 186 F  
2000 1/18  
1.30  
186 F  
4041  
Egerton, CO  
Peter Chaiwa  
Craig Hope

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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  
KKA Rig #8  
Thank you for using Phoenix Surveys!!  
API #: 05-123-23690-00  
No Repeat pass due to hole conditions.

Database File: 6779.db  
Dataset Pathname: pass2  
Presentation Format: pdc1  
Dataset Creation: Fri Jan 19 01:33:57 2007 by Log Open-Cased 051020  
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16  
30 Gamma Ray (GAPI) 130  
90 SP (mV) 190

2 Deep Resistivity (Ohm-m) 200 20  
2 Medium Resistivity (Ohm-m) 200 20  
2 Shallow Resistivity (Ohm-m) 200

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

2.68 SS Matrix

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Neutron Porosity (pu) 0

2.68 SS Matrix

Database File: 6779.db  
Dataset Pathname: final  
Presentation Format: pdc1  
Dataset Creation: Fri Jan 19 02:15:15 2007  
Charted by: Depth in Feet scaled 1:240

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

2 Deep Resistivity (Ohm-m) 200 20  
2 Medium Resistivity (Ohm-m) 200 20  
2 Shallow Resistivity (Ohm-m) 200

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

2.71 LS Matrix

Matrix Change

2.68 SS Matrix

Neutron Porosity

Density Porosity

Shallow Resistivity

Medium Resistivity

Deep Resistivity

2.68 SS Matrix

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0 SP (mV) 200

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

2.68 SS Matrix

Logger's TD: 6959'

GR

Caliper

SP