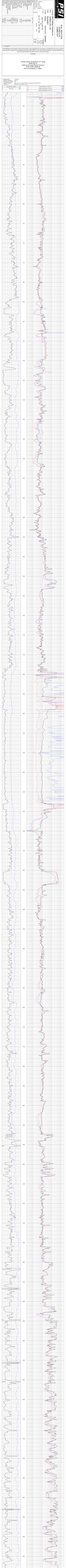

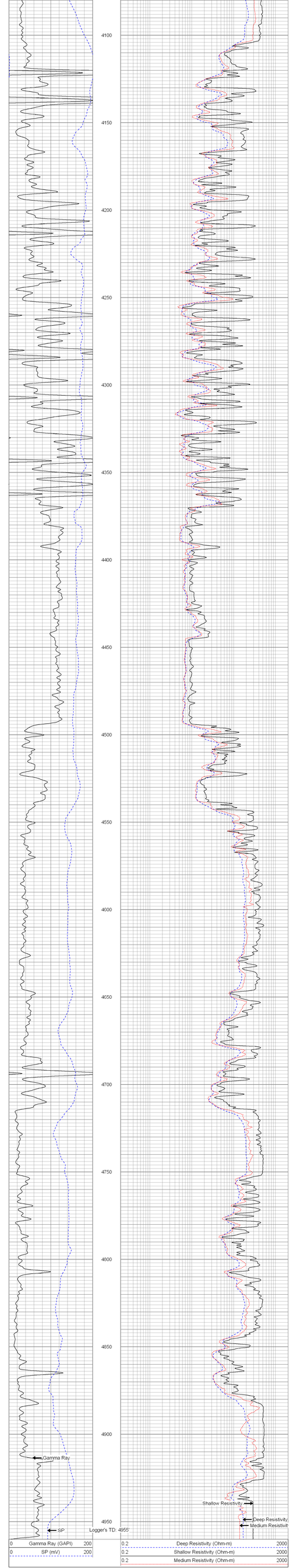

PSI
PHOENIX SURVEYS, INC.

DUAL INDUCTION
GUARD LOG
GAMMA RAY

Company	Mull Drilling Company Inc.
Well	Hertlein Unit 1-22
Field	Buscadero
County	Kiowa
State/Prv	Colorado

Company Mull Drilling Company Inc.
Well Hertlein Unit 1-22
Field Buscadero
County Kiowa State/Province Colorado
Location 2636' FNL & 939' FEL
E2
Sec. 22, Twp. 18S, Rge. 45W

Other Services
Density
Neutron
Microlog
Sonic

Permanent Datum	GL	Elevation 3929	Elevation K.B. 3942 D.F. 3941 G.L. 3929
Log Measured From	KB		
Drilling Measured From	KB		

Date	April 11, 2010
Run Number	1
Depth Driller	4960
Depth Logger	4955
Bottom Logged Interval	4955
Top Log Interval	Casing
Casing Driller	325
Casing Logger	325
Bit Size	7-7/8"
Type Fluid in Hole	Chem Gel
Density / Viscosity	9.2 / 70
pH / Fluid Loss	
Source of Sample	Flowline
Rm @ Meas. Temp	3.15 @ 71° F
Rmf @ Meas. Temp	2.37 @ 71° F
Rmc @ Meas. Temp	3.99 @ 71° F
Source of Rmf / Rmc	Measure / Calc
Rm @ BHT	1.72 @ 138° F
Time Circulation Stopped	0930
Time Logger on Bottom	1245
Maximum Recorded Temperature	138° F
Equipment Number	50
Location	Brighton, CO
Recorded By	Ian Harris
Witnessed By	Phil Askey

<<< Fold Here >>>

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 5.5" casing
Murfin Rig 25
Thank you for using Phoenix Surveys!!
API #: 05-061-06839-00
Run On Limestone 2.71 Matrix

Database File:	10462.db
Dataset Pathname:	pass3
Presentation Format:	dil
Dataset Creation:	Sun Apr 11 12:41:08 2010 by Log Open-Cased 081212
Charted by:	Depth in Feet scaled 1:240

4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950
Gamma Ray
SP
Logger's TD: 4955'
Shallow Resistivity
Deep Resistivity
Medium Resistivity
0 Gamma Ray (GAPI) 200
0 SP (mV) 200
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000