PSI — PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
MICROLOG

Company	Ranchers Exploration Partners LLC
Well	Ranchers # 3
Field	Eaton
County	Weld
State/Province	Colorado
Location	SHL: 240' FSL & 2233' FWL SW SW; BHL: 1371' FSL & 1323' FWL CSW; Sec. 30, Twp. 7N, Rge. 65W
Other Services	High Resolution Induction
Permanent Datum	GL
Elevation	4854'
Log Measured From	KB
Drilling Measured From	KB
Elevation	K.B. 4865'; D.F. 4864'; G.L. 4854'

Date	June 20, 2011		
Run Number	1		
Depth Driller	8160'		
Depth Logger	8106'		
Bottom Logged Interval	8086'		
Top Log Interval	Casing		
Casing Driller	551'		
Casing Logger	551'		
Bit Size	7-7/8"		
Type Fluid in Hole	Water		
Density / Viscosity	8.4 / 27		
pH / Fluid Loss	7.0 / NA		
Source of Sample	Flowline		
Rm @ Meas. Temp	4.19 @ 75 F		
Rmf @ Meas. Temp	3.36 @ 75 F		
Rmc @ Meas. Temp	5.03 @ 75 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.43 @ 220 F		
Time Circulation Stopped	2330 6/19		
Time Logger on Bottom	1050		
Maximum Recorded Temperature	220 F		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Shaun Schuman	Josh Gorney	
Witnessed By	Greg Hovivian	Jim Goad	

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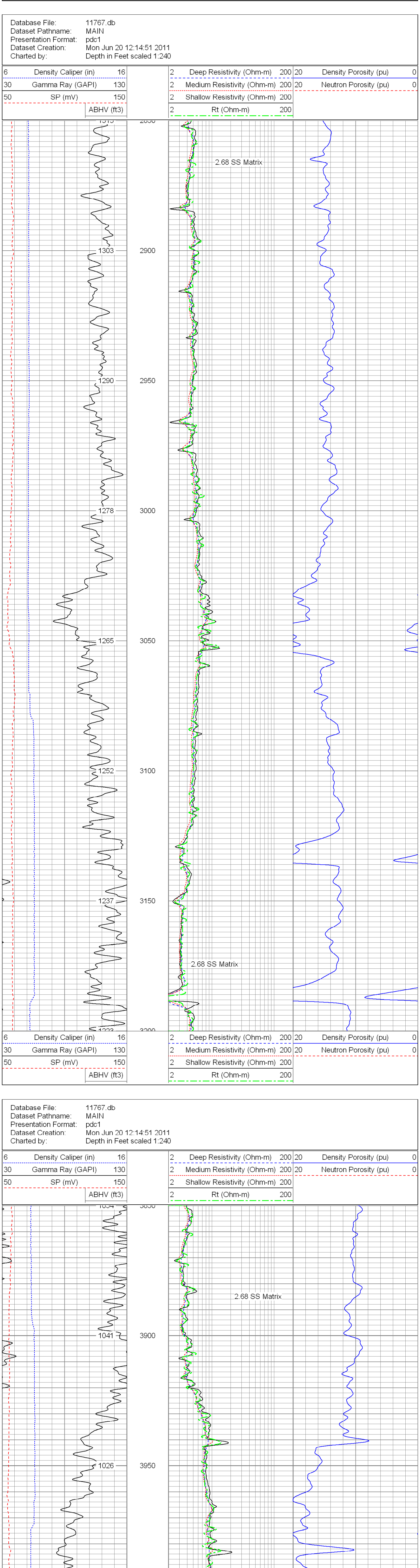
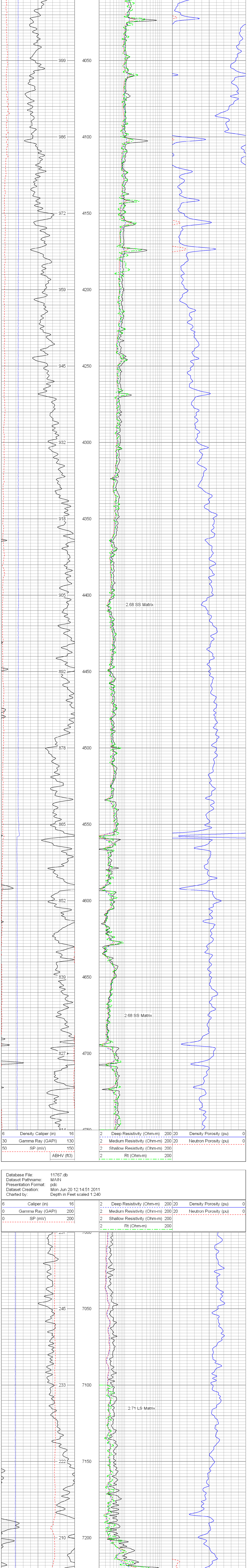
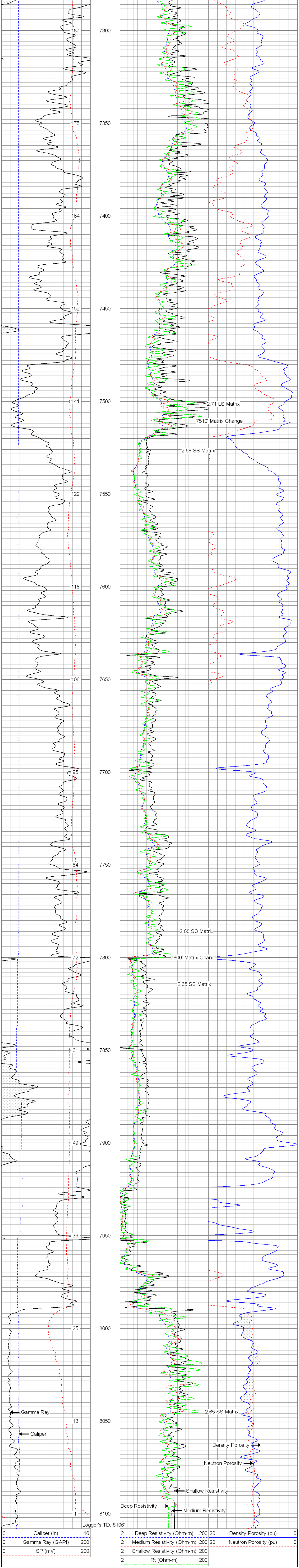
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 4.5" casing
Fort Drilling Rig 5
Thank you for using Phoenix Surveys!!
API #: 05-123-32924

Database File:	11767.db
Dataset Pathname:	MAIN
Presentation Format:	pdc1
Dataset Creation:	Mon Jun 20 12:14:51 2011
Charted by:	Depth in Feet scaled 1:240

6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
50 SP (mV) 150	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)	2 Rt (Ohm-m) 200