HIGH RESOLUTION INDUCTION

PSI
PHOENIX SURVEYS, INC.

Company	Great Western Oil & Gas LLC
Well	Great Western 25-52
Field	Wattenberg
County	Weld
State/Province	Colorado
Location	SHL: 2480' FSL & 1151' FWL NWSW BHL: 1358' FNL & 1316' FWL SWNW Sec 25, Twp - 6N, Rge - 67W
Other Services	Density Neutron

Company
Well
Field
County
State/Prv

Permanent Datum	GL	Elevation 4751	Elevation K.B. 4767 D.F. 4766 G.L. 4751
Log Measured From	KB		
Drilling Measured From	KB		

Date	February 20, 2011		
Run Number	1		
Depth Driller	7493		
Depth Logger	7494		
Bottom Logged Interval	7494		
Top Log Interval	Casing		
Casing Driller	494		
Casing Logger	494		
Bit Size	7+7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.0 / 48		
pH / Fluid Loss	9.0 / 11.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.60 @ 65 F		
Rmf @ Meas. Temp	2.30 @ 65 F		
Rmc @ Meas. Temp	4.80 @ 65 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.13 @ 208 F		
Time Circulation Stopped	0400		
Time Logger on Bottom	1300		
Maximum Recorded Temperature	208 F		
Equipment Number	52		
Location	Brighton, CO		
Recorded By	Schuman		
Witnessed By	Armstrong	Scanniello	

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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
Ensign Drilling Rig 7
Thank you for using Phoenix Surveys.
API #: 05-123-31721
No repeat due to hole conditions.

Database File:	11440.db
Dataset Pathname:	main
Presentation Format:	dil1
Dataset Creation:	Sun Feb 20 14:19:58 2011
Charted by:	Depth in Feet scaled 1:240

30 Gamma Ray (GAPI) 130
50 SP (mV) 150
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
0.2 Rt (Ohm-m) 2000
3600
3700
3800
3900
4000
4100
4200
4300
4400

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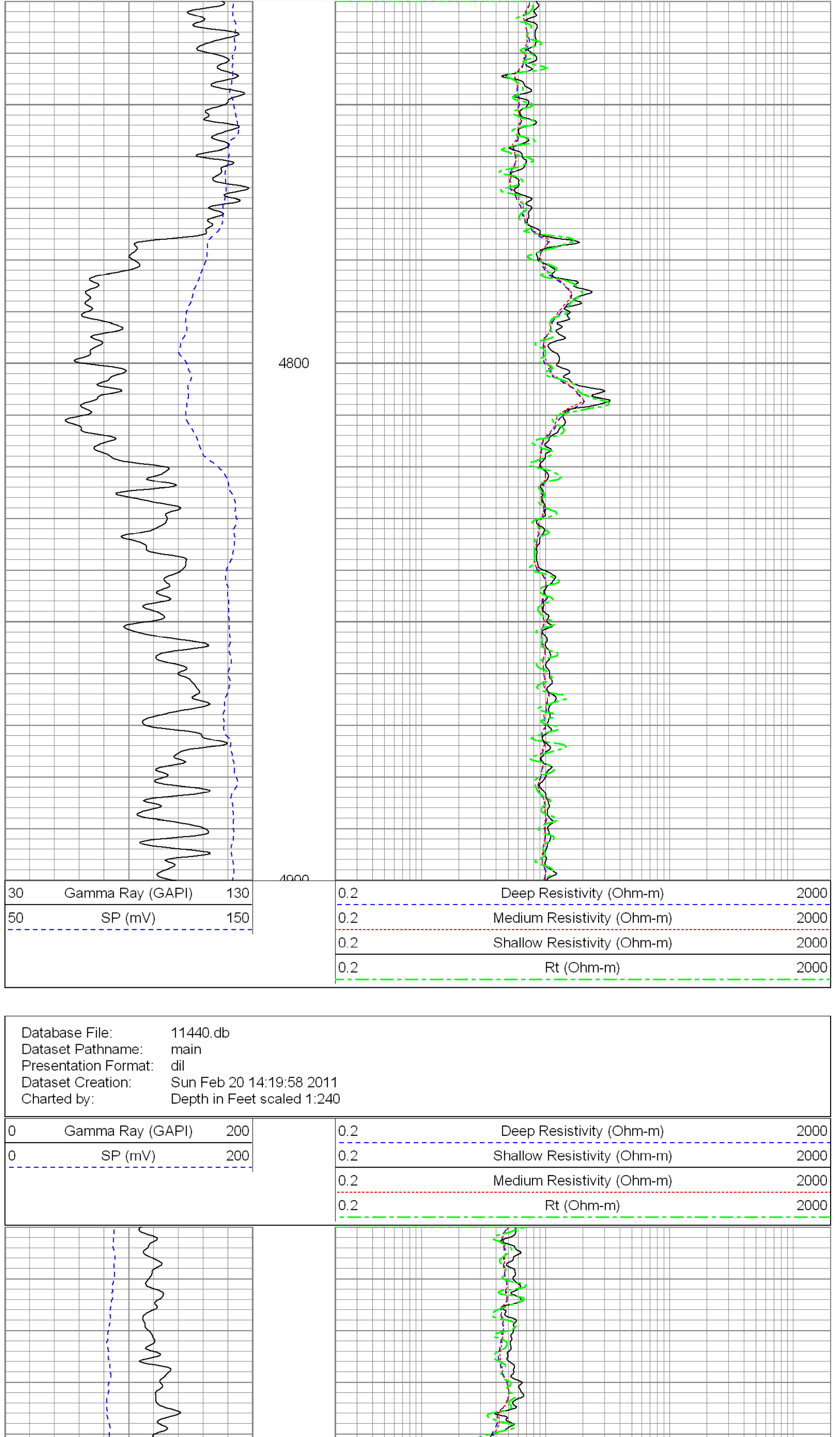

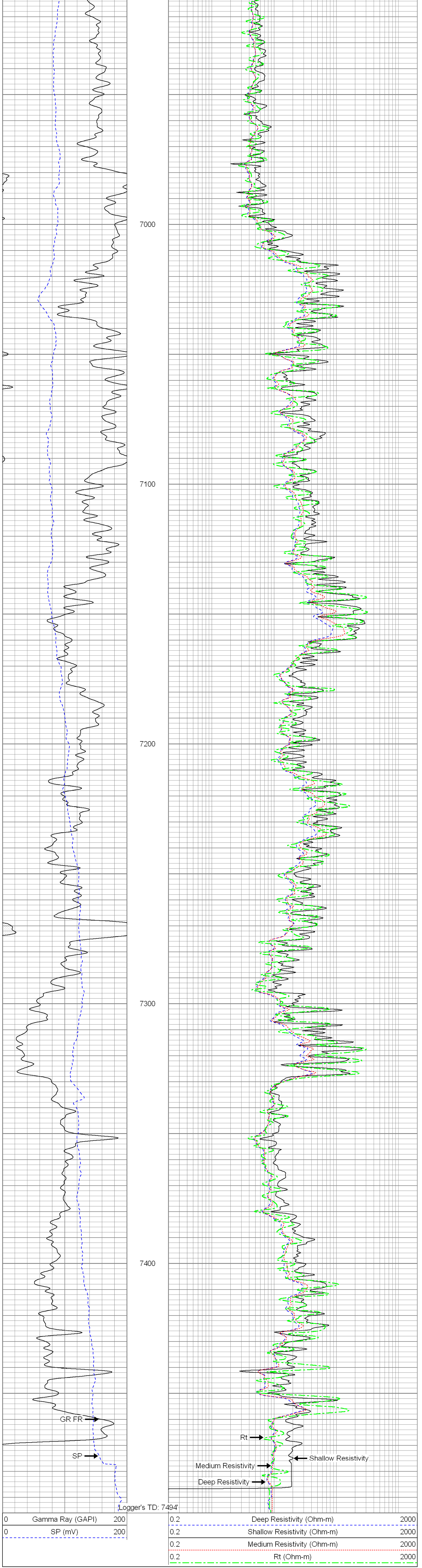Database File:	11440.db
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