Company:		Well Name:	
Field:		Location:	
County:		State:	
Date:		Time:	
Run No.:		Depth Driller:	
Depth Logger:		Bottom Logged Interval:	
Top Logged Interval:		Type Fluid in Hole:	
Salinity:		Density / Viscosity:	
Max. Rec. Temp.		Estimated Cement Top:	
Equipment Number:		Location:	
Recorded By:		Witnessed By:	

PSI
PETROPHYSICAL SOLUTIONS, INC.

Run Number: Pass Type and Direction: Log Interval: Scale Interval: Tool String (Top to Bottom):

Tool	OD	Length	Weight	Wt. Below Sensor

Comments:

Annular volume calculated for 4.5" casing
Top Log Int. = 3700'
Thank you for using Phoenix Surveys!
ph# or 281-225-0160
No repeat due to hole conditions

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 wilful negligence on our part, be liable or responsible for any loss, cost, 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.

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 3700 ft - 4000 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 4000 ft - 4300 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 4300 ft - 4600 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 4600 ft - 4900 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 4900 ft - 5200 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 5200 ft - 5500 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 5500 ft - 5800 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 5800 ft - 6100 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 6100 ft - 6400 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 6400 ft - 6700 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 6700 ft - 7000 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix

Calibration Run: 1
Pass and Direction: up
Dataset Interval: 7000 ft - 7300 ft
Dataset Depth: Sun, May 29 20:30:30 2011
Dataset Created: Sun, May 29 20:30:30 2011

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
SP (mV) -80 20

Deep Resistivity (Ohmm) .2 2000
Medium Resistivity (Ohmm) .2 2000
Shallow Resistivity (Ohmm) .2 2000
Rt (Ohmm) .2 2000

Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15

1:200 SS Matrix