



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.		Company PetroSantander USA, Inc.					
15-093-21,870-00-00		Well Miller No. 4-13					
		Field Christabelle (Morrow) Unit					
		County Kearny State Kansas					
		Location NW NE NW SE 2,380' FSL & 1,900' FEL					
		Other Services DIL MEL					
Permanent Datum		Ground Level		Elevation 3063		Elevation	
Log Measured From		Kelly Bushing		12 Ft. Above Perm. Datum		K.B. 3075	
Drilling Measured From		Kelly Bushing				D.F. G.L. 3063	
Date		5/30/2011					
Run Number		One					
Type Log		CNL / CDL					
Depth Driller		4970					
Depth Logger		4977					
Bottom Logged Interval		4956					
Top Logged Interval		2600					
Type Fluid In Hole		Chemical					
Salinity, PPM CL		2000					
Density		9.4					
Level		Full					
Max. Rec. Temp. F		126					
Operating Rig Time		4 Hours					
Equipment -- Location		10 Days					
Recorded By		J Long					
Witnessed By		Mikeal K. Maune					
Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	522	8.625	24#	00	522
2	7.875	522	4970				

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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

Thank you for using Log-Tech, Inc.
(785) 625-3858

Scott City, South to Finney/Scott Road, 10 West to Byrd Road, 2 South to Sondreagger Road,
1 West to BB Road, 1/2 South, West Into

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
		Correction	0.25
LSPD			































