



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.	Company Grand Mesa Operating Company														
	Well Creten No. 14-5 WSW														
	Field Chanay		County Douglas		State Kansas										
API# 15-045-22,273	Location				660' FSL & 1320' FWL S/2-SW				Other Services Perforate						
	Sec. 19		Twp. 14s		Rge. 21e				Elevation						
	Permanent Datum		GL		GL		1044'		K.B. NA						
	Log Measured From		GL		GL				D.F. NA						
	Drilling Measured From		GL		GL				G.L. 1044'						
	Date		07-27-2015												
	Run Number		One												
	Depth Driller		310.0												
	Depth Logger		294.6												
	Bottom Logged Interval		293.6												
Top Log Interval		20.0													
Fluid Level		Full													
Type Fluid		Water													
Density / Viscosity		NA													
Salinity - PPM Cl		NA													
Max Recorded Temp		NA													
Estimated Cement Top		0.0													
Equipment No.		Location		104		Osawatomie									
Recorded By		Steve Windisch													
Witnessed By		Jerald Hoehn													
RUN		BORE-HOLE RECORD				CASING RECORD									
No.		BIT		FROM		TO		SIZE		WGT.		FROM		TO	
One		11.00"		0.0		40.0		7.00"		17.0 #		0.0		40.0	
Two		6.125"		40.0		310.0		2.875"		6.5 #		0.0		295.0	

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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

Drilling Contractor :
McGown Drilling, Inc.

Database File: creten 14-5ws.w.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Mon Jul 27 09:01:54 2015 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

