



CEMENT BOND LOG

Company	Hartman Oil Co.	Country	
Well	Williams Trust 1-19		
Field	Wildcat		
County	Norton		
State	Kansas		
Location:	API # : 15 137 20632		Other Services
SEC 19 TWP 5S RGE 22W			
Permanent Datum	Ground Level	Elevation	2279'
Log Measured From	KB 11' AGL		
Drilling Measured From	KB		
Date	9-4-13		
Run Number	One		
Depth Driller	3840'		
Depth Logger	3828'		
Bottom Logged Interval	3826'		
Top Log Interval	3250'		
Open Hole Size	7 7/8"		
Type Fluid	Water		
Density / Viscosity	////		
Max. Recorded Temp.	////		
Estimated Cement Top	Surface		
Time Well Ready	4:30 p.m.		
Time Logger on Bottom	4:45 p.m.		
Equipment Number	T045		
location	Hays, KS.		
Recorded By	Gus Pfannenstiel		
Witnessed By	Justin Trout		
Borehole Record		Tubing Record	
Run Number	Bit	From	To
Casing Record	Size	Wgt/Ft	Top
Surface String	8 5/8"		0
Prot. String			332'
Production String	5 1/2"		0
Liner			

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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

Thanks for using Gemini Wireline LLC Hays, KS. (785-625-1182)



Main Pass

0	GR (GAPI)	150	0	AMPMAX	100	200	WVF5FT	1200	1	Sector Map	8
400	TT3FT (usec)	200	0	AMPAVG	100						
0	AMP3FT (mV)	100	0	AMPMIN	100						
			18	CCL	-2						





