CORNISH
WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY NEUTRON CEMENT BOND COMPLETION LOG

Company SOUTHWINDS ENERGY, LLC
Well KURTIS #5
Field WAYSIDE-HAVANA
County MONTGOMERY
State KANSAS

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Location: API # : 15-125-32231-00-00
2720' FSL & 4980' FEL
SW SW SW NW
SEC 1 TWP 34S RGE 14E

Other Services

Permanent Datum GL Elevation 891'EST.
Log Measured From GL
Drilling Measured From GL

Elevation
K.B.
D.F.
G.L. 891'EST.

Date	7-10-12		
Run Number	1 NW		
Depth Driller			
Depth Logger	719.6'		
Top Log Interval	0		
Bottom Logged Interval	719.6'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	2 7/8" @ TD	@	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top			
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor			
Equipment Number	103		
Location			
Recorded By	SANBORN, G.		
Witnessed By	HORTON, J.		

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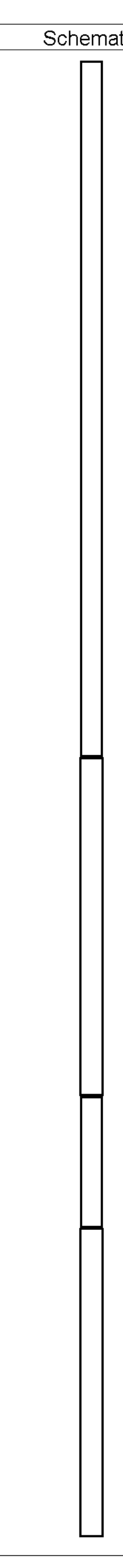
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	17.42				
WVF3FT	15.33	CBLTEKCO-168 1x2 w Temp (Del) (010) Tekco 400 Deg F 1 11/16" Dual Receiver with Temp	9.75	1.69	50.00
WVFCAL	15.33				
WVF5FT	14.33				
WVFTEMP	10.92				
WVFSYNC	10.92				
GR	7.61	GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	5.04	CCL-TIT169L (TITLOG) Titan Logging CCL	1.83	1.68	10.00
NEU	0.63	NEU-TITAN (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00

Dataset: kurtis #5.db: field/well/run1/pass2
Total Length: 20.67 ft
Total Weight: 105.00 lb
O.D.: 1.69 in

Database File: g:\kurtis #5.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Tue Jul 10 12:43:41 2012 by Log SCH 110930
Charted by: Depth in Feet scaled 1:240

Database File: g:\kurtis #5.db
Dataset Pathname: pass2
Presentation Format: gr-n-ccl
Dataset Creation: Tue Jul 10 12:43:41 2012 by Log SCH 110930
Charted by: Depth in Feet scaled 1:240

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County	MONTGOMERY SEC. 1 TWP. 34S RGE. 14E
State	KANSAS Date 7-10-12