Company	SOUTHWINDS ENERGY, LLC
Well	MCLANDER #24
Field	WAYSIDE-HAVANA
County	MONTGOMERY
State	KANSAS

ORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

Company: SOUTHWINDS ENERGY, LLC
Well: MCLANDER #24
Field: WAYSIDE-HAVANA
County: MONTGOMERY State: KANSAS
Date: 7-27-12
Operator: Jason Alexander
Depth Reference: KB 0 ft
Elevation: KB: 0 ft GL: 0 ft DF: 0 ft
Log Measured From: KB 0 ft
Drilling Measured From: KB

Sec. 34 Twp. 34S Rge. 14E
1320 FSL 1320 FEW

GAMMA RAY
NEUTRON
CEMENT BOND
CORRELATION LOG

SOUTHWINDS ENERGY, LLC
MCLANDER #24
WAYSIDE-HAVANA
MONTGOMERY State: KANSAS

Run Number: One
Date: 7-27-12
Type Log: Gamma Ray Neutron Cement Bond Correlation
Depth Driller: 1100 ft
Depth Logger: 1100 ft
Bottom Logged Interval: 1100 ft
Top Log Interval: 0 ft
Casing Driller: 8 5/8 @ 20 ft
Casing Logger: 20 ft
Bit Size: 6 3/4 in
Type Fluid in Hole: Water
Density: 8.4 lb/gal
Viscosity: 28 s
Fluid Level: Full
Max Rec. Temp.: 85 F
Equipment: 50 Mile
Location: Chanute
Recorded By: Jason Alexander
Witnessed By: Not Witnessed

Equipment Failure Information
Tool Failure: None
Log Quality: Good
Logging Speed: 30 FPM
Comments: Well Shut In

All calculations and opinions based on interpretation are offered as best estimates of what interpretation and not warrant 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 forth in our current Price Schedule.

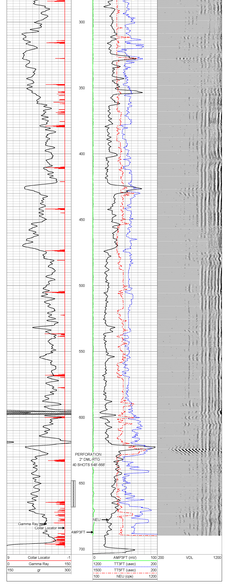
Comments

THANK YOU

Series	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	17.42					
WVFSFT	15.33		CBL TEDCO (165 1x2 w Turbo (Cbl) (0110) Serial #0010ga1 (11/12) Last Recalibrated with NIST	8.75	1.69	50.00
WVFUTAL	15.33					
WVFSFT	14.33					
WVFTEMP	10.92					
WVFSYNC	10.92					
GR	7.59		GR (TITAN) 165 (TITAN) (021) Tool 1 (1)(#1)Serial No	4.75	1.69	20.00
CCL	5.05		CCL (TITAN) 165 (TITAN) Tool 1 (1)(#1)Logging(0)	1.83	1.69	7.50
NEU	0.63		NEU (TITAN) (0109)(1) TITAN (1)(#1)Sensor	4.33	1.69	25.00

Deleted
Total Length: 22.83 ft
Total Weight: 102.50 lb
1.69 in

Database File: g:\interpreter #24.db
Dataset Pathname: pass1
Presentation Format: ccbl_pf
Dataset Creation: Fri Jul 27 10:36:28 2012 by Log Bird Casedhole 0906R1
Charted by: Depth in Feet scaled 1:240



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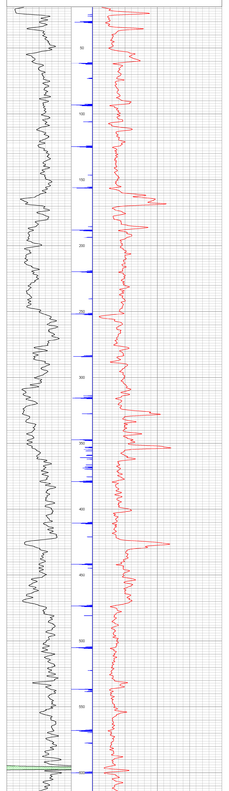

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CHANUTE, KANSAS

Company	SOUTHWINDS ENERGY, LLC
Well	MCLANDER #24
Field	WAYSIDE-HAVANA
County	MONTGOMERY SEC. 2 TWP. 34S RGE. 14E
State	KANSAS Date 7-27-12