CORNISH
WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY NEUTRON CEMENT BOND COMPLETION LOG

Company SOUTHWINDS ENERGY, LLC
Well MELANDER #37 SWD
Field WAYSIDE-HAVANA
County MONTGOMERY State KANSAS

Location: API # : 15-125-32250-00-00
1700' FNL & 1300' FEL
SW NW SE NE
SEC 2 TWP 34S RGE 14E

Other Services

Permanent Datum	GL	Elevation 882'EST.	Elevation
Log Measured From	GL		K.B.
Drilling Measured From	GL		D.F.
			G.L. 882'EST.

Company SOUTHWINDS ENERGY, LLC
Well MELANDER #37 SWD
Field WAYSIDE-HAVANA
County MONTGOMERY
State KANSAS

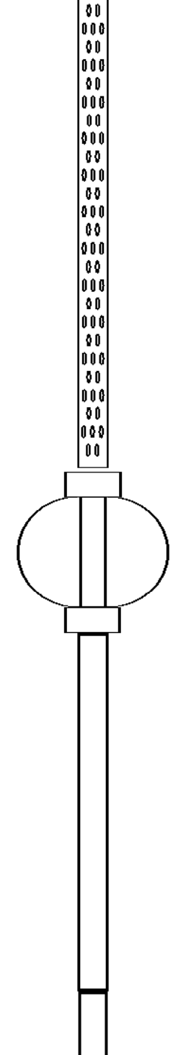
Date	8-21-12		
Run Number	1 NW		
Depth Driller			
Depth Logger	1715'		
Top Log Interval	0		
Bottom Logged Interval	1715'		
Fluid Level	WATER		
Type Fluid	FULL		
Production Casing	4.5" @ TD	@	@
Max. Recorded Temp.			
Estimated Cement Top	SURFACE		
Calculated Cement Top			
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor			
Equipment Number	109		
Location			
Recorded By	SANBORN, G.		
Witnessed By	HORTON, J.		

<<< Fold Here >>>

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)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			tekco tekco cent.	2.17	1.69	5.00
WVF3FT WVF5FT	17.50 16.50		CBLTEKCO-TEKCO2RCVR (TEKCO169) 1 11/16" TEKCO 2 RCVR DELWARE	9.75	1.69	50.00
WVFCAL WVFSYNC	13.08 13.08		tekco tekco cent.	2.17	1.69	5.00
GR	7.59		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: melander #37swd.db: field/well/run1/pass1
Total Length: 25.00 ft
Total Weight: 115.00 lb
O.D. 1.69 in

Database File: g:\melander #37swd.db
Dataset Pathname: pass1
Presentation Format: scbl_dr
Dataset Creation: Tue Aug 21 09:24:26 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	0	AMP3FT (mV)	100	200	VDL	1200
0	Gamma Ray	150	1200	TT3FT (usec)	200			
150	gr	300	1500	TT5FT (usec)	200			
			100	NEU (cps)	1200			

9	Collar Locator	-1	0	AMP3FT (mV)	100	200	VDL	1200
0	Gamma Ray	150	1200	TT3FT (usec)	200			
150	gr	300	1500	TT5FT (usec)	200			
			100	NEU (cps)	1200			

CORNISH
WIRELINE SERVICES, INC.
CHANUTE, KANSAS

Company SOUTHWINDS ENERGY, LLC
Well MELANDER #37 SWD
Field WAYSIDE-HAVANA
County MONTGOMERY SEC. 2 TWP. 34S RGE. 14E
State KANSAS Date 8-21-12