Company	JACK HORTON
Well	MELANDER #L-1
Field	WAYSIDE-HAVANA
County	MONTGOMERY
State	KANSAS

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY CEMENT BOND COMPLETION LOG

Company	JACK HORTON		
Well	MELANDER #L-1		
Field	WAYSIDE-HAVANA		
County	MONTGOMERY	State	KANSAS
Location	1878 FNL & 3328 FEL SW NW SW NE	Sec 2 Twp 34S Rge 14E	Elevation
		Permanent Datum: GL	Other Services
Log Measured From:	KB	10 Ft. Above Perm. Datum	
Drilling Measured From:	GL		
Date	4-11-11		
Run Number	ONE		
Depth Driller	1146'		
Depth Logger	1146'		
Bottom Logged Interval	700'		
Top Log Interval	50'		
Casing Driller	7 5/8" @ 50'		
Casing Logger			
Bit Size	6 3/4"		
Type Fluid in Hole	WATER		
Dens. / Visc.			
Max. Rec. Temp.			
Estimated Cement Top	0'		
Time Well Ready			
Time Logger on Bottom			
Equipment / Location	33 / HAYS		
Recorded By	SANDERS G.		
Witnessed By	JACK L.		

*** Total 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)
TEMP	17.41					
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	10.91					
WVFSYNC	10.91					
GR	7.59		GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	4.89		CCL-1602 (1.69TTGRN) 1 11/16 TITAN GAMMA RAY NEUTRON	1.83	1.69	10.00
NEU	0.63		NEU-TITAN (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00

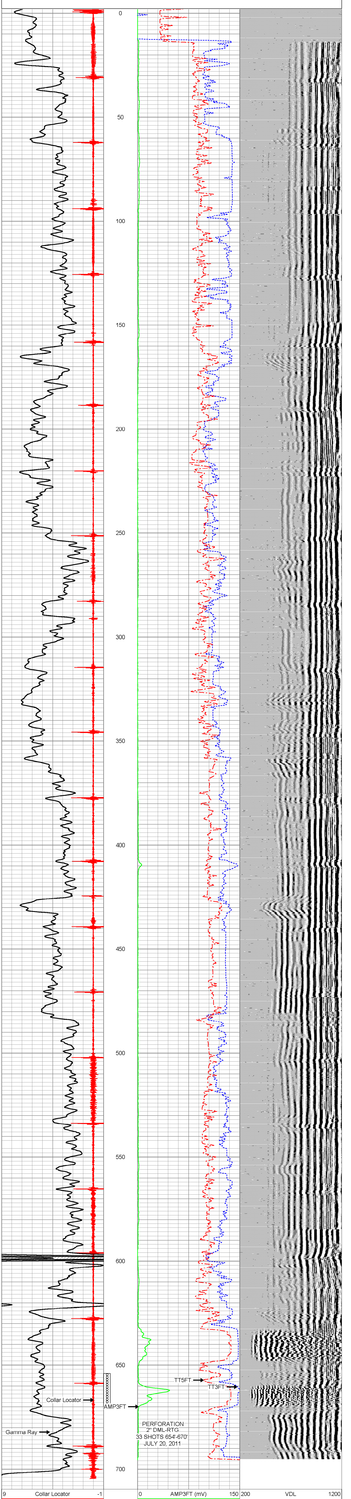
Dataset: melander #L-1 .db: field/well/run1/pass1
Total Length: 20.66 ft
Total Weight: 105.00 lb
O.D: 1.69 in

Database File: f:\jack horton\melander #l-1\melander #l-1.db
Dataset Pathname: pass1
Presentation Format: scdl_gr
Dataset Creation: Mon Apr 11 12:00:09 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

0	Collar Locator	-1
0	Gamma Ray	150
150	gr	300

0	AMP3FT (mV)	150	200
1200	TT3FT (usec)	200	
1500	TT5FT (usec)	200	

VDL 1200



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VDL 1200

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

Company	JACK HORTON
Well	MELANDER #L-1
Field	WAYSIDE-HAVANA
County	MONTGOMERY SEC 2 TWP 34S RGE 14E
State	KANSAS Date 4-11-11