CORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY
NEUTRON
COMPLETION LOG

Company	VIVA INTERNATIONAL, INC.
Well	CAMPBELL SOUTH #4
Field	BUFFALO-VILAS
County	WILSON
State	KANSAS

Company VIVA INTERNATIONAL, INC.
Well CAMPBELL SOUTH #4
Field BUFFALO-VILAS
County WILSON State KANSAS
Location: API # : 15-205-28000-00-00
4455' FSL & 4785' FEL
NE SW NW NW
SEC 1 TWP 28S RGE 16E
Other Services

Permanent Datum GL Elevation 1051'EST.
Log Measured From GL
Drilling Measured From GL

Elevation
K.B.
D.F.
G.L. 1051'EST.

TIGHT HOLE

Date	4-3-12		
Run Number	1 NW		
Depth Driller			
Depth Logger	1243'		
Top Log Interval	0		
Bottom Logged Interval	1243'		
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	109		
Location			
Recorded By	SANBORN, G.		
Witnessed By	OGLE, K.		

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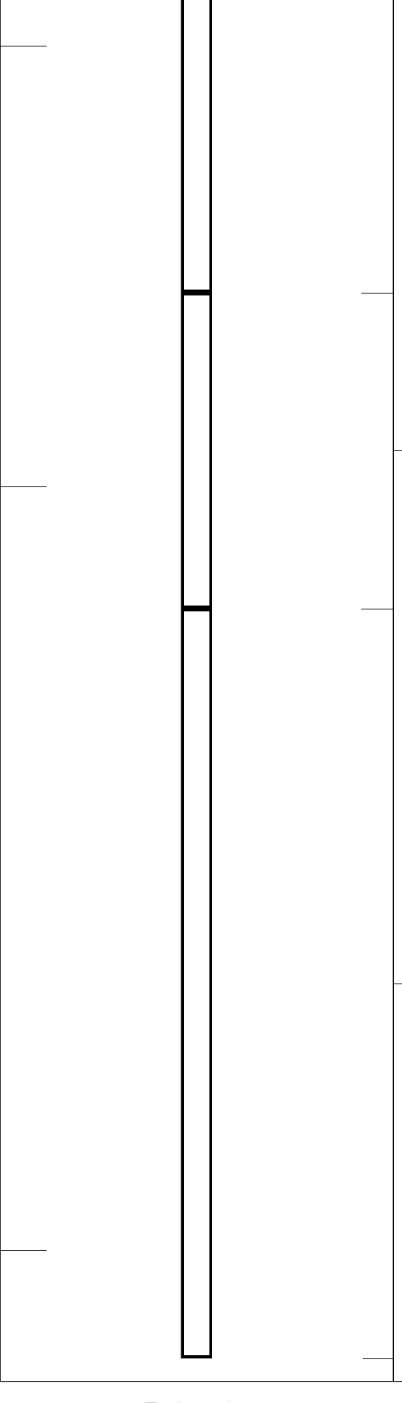
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

THE SEATING NIPPLE AT 999'
HAS BEEN DRILLED OUT TO ALLOW CEMENT TO BE
DRILLED FROM 1243' TO 1249'
PERFORATE WELL AFTER THIS WORK WAS DONE JUNE 18, 2012

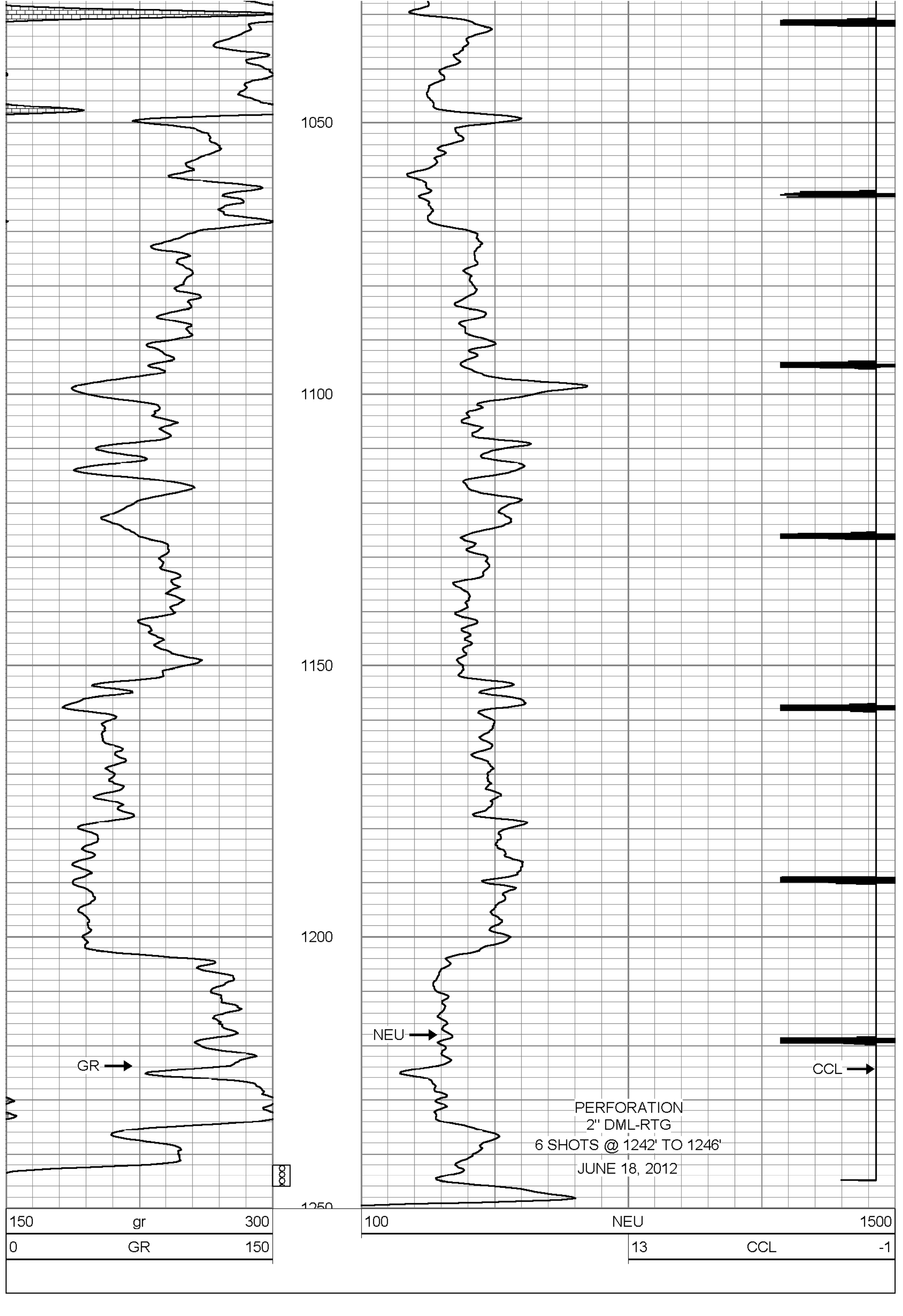
THANK YOU

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.59		GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	5.05		CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
NEU	0.63		NEU-TITAN (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00

Dataset: campbell south#4.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D. 1.69 in

Database File: g:\campbell south#4.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Apr 03 12:26:05 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

Database File: g:\campbell south#4.db
Dataset Pathname: pass2
Presentation Format: dirk 1
Dataset Creation: Mon Jun 18 11:30:06 2012 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



PERFORATION
2" DML-RTG
6 SHOTS @ 1242' TO 1246'
JUNE 18, 2012

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Field	BUFFALO-VILAS
County	WILSON SEC. 1 TWP. 28S RGE. 16E
State	KANSAS Date 4-3-12