Mesa Wireline LLC

CEMENT BONG LOG

Company	ENCANA OIL & GAS INC.
Well	DOWDY 8-6-10
Field	WATTENBERG
County	WELD
State	COLORADO

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Location: API #: 05123360490000
SHL: 2427' FSL & 202' FEL NESE
BHL: 1250' FSL & 50' FEL SESE
SEC: 10 TWP: 2N RGE: 65W

Other Services
TEMP

Permanent Datum GROUND LEVEL Elevation 4861'
Log Measured From KELLY BUSHING = 13'
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4874'
D.F. 4873'
G.L. 4861'

Date	25 OCTOBER 2012
Run Number	ONE
Depth Driller	7876'
Depth Logger	7870'
Bottom Logged Interval	7825'
Top Log Interval	800'
Open Hole Size	12.25"
Type Fluid	WATER
Density / Viscosity	~ 8.34 PPG
Max. Recorded Temp.	265 DegF
Estimated Cement Top	2940'
Time Well Ready	0700 HOURS
Time Logger on Bottom	0830 HOURS
Equipment Number	W-061
Location	AULT, CO
Recorded By	K. MAY
Witnessed By	T. MAJORS

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	918'				
TWO	7.875"	SURFACE	7865'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	24#	SURFACE	918'
Prot. String				
Production String	4.5"	11.6#	SURFACE	7885'
Liner				

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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

LOG CORELLATED TO PIONEER ENERGY SERVICES HIGH RESOLUTION INDUCTION COMPENSATED DENSITY COMPENSATED NEUTRON LOG DATED OCTOBER 4, 2012.
SHORT JOINT LOCATED AT 6922 - 6942'.

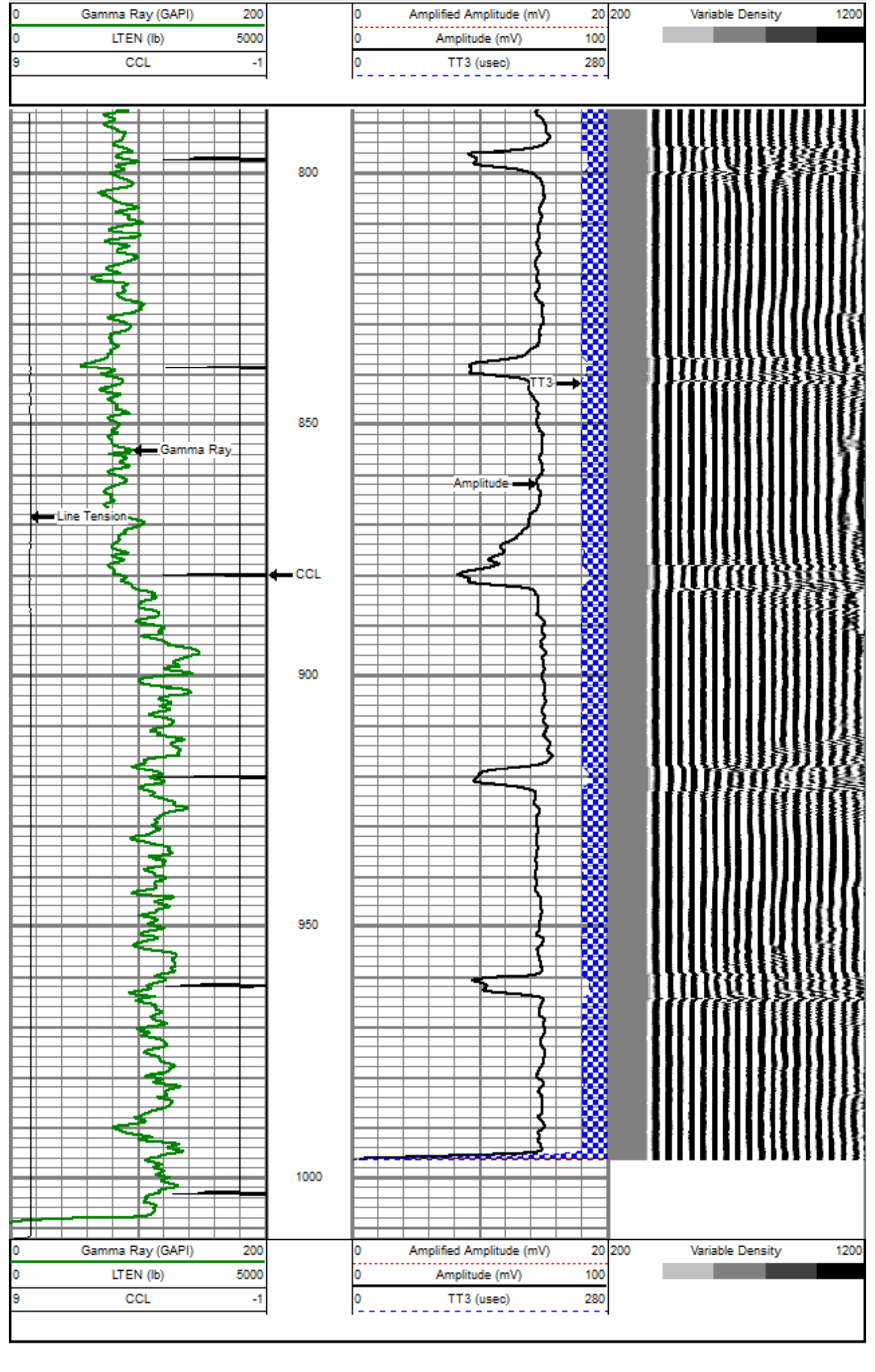
WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, AULT CO. (970) 834-2495

Mesa Wireline

SURFACE CASING PASS

SCALE 5" = 100'

Database File: dowdy 8-6-10 cbl.db
Dataset Pathname: pass4.3
Presentation Format: dcbl_prb
Dataset Creation: Thu Oct 25 11:10:00 2012 by Calc SCH 120430
Charted by: Depth in Feet scaled 1:240



Mesa Wireline

MAIN PASS

SCALE 5" = 100'

Database File: dowdy 8-6-10 cbl.db
Dataset Pathname: MERGE1
Presentation Format: dcbl_prb
Dataset Creation: Thu Oct 25 10:14:07 2012
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			

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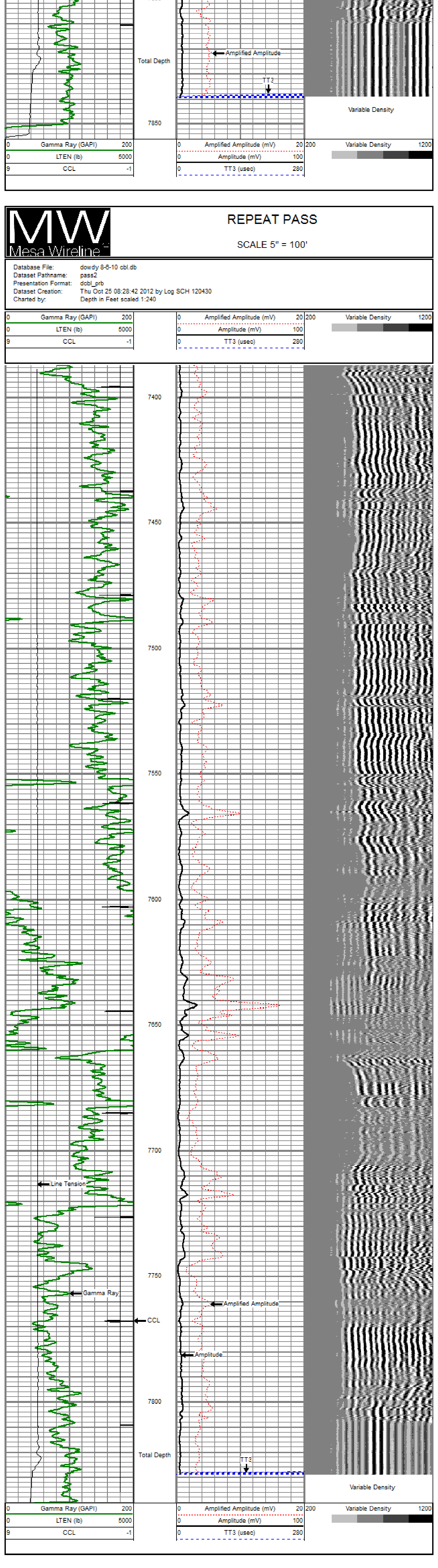
REPEAT PASS

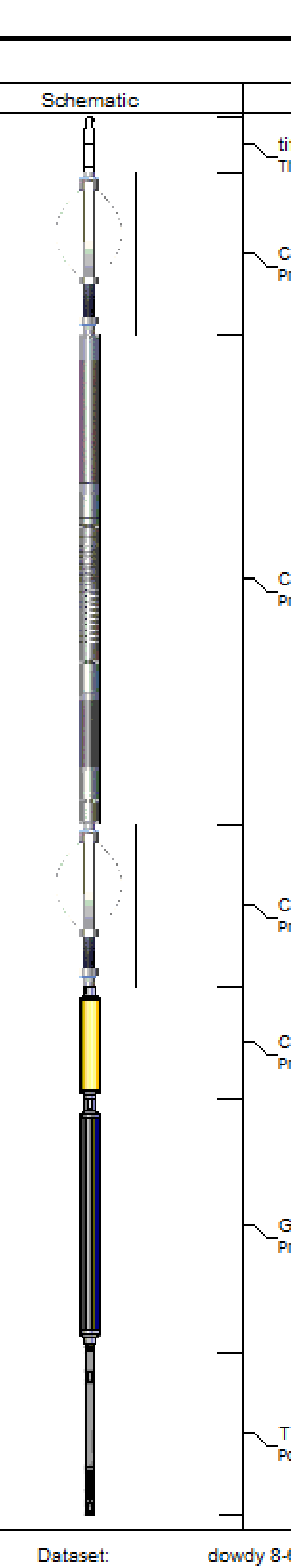
SCALE 5" = 100'

Database File: dowdy 8-6-10 cbl.db
Dataset Pathname: pass2
Presentation Format: dcbl_prb
Dataset Creation: Thu Oct 25 08:28:42 2012 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			



0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			titan Titan Cable Head Go Pin.	1.02	1.44	1.50
			Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer	2.88	2.75	10.00
WVF3 WVF5	16.56 15.56		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG Probe 2.75" Dual Receiver Bond	28.77 1)	2.75	60.00
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
CCL	8.21		CCL-PRB_CCL_2MAG (PRB_CCL_2MAG Probe 2 Magnet CCL	02.02	2.75	
GR	3.63		GR-PROBE_GR (PRB_GR_275_01) Probe stand alone Gamma Ray Tool	4.54	2.75	30.00
TEMP	0.17		TEMP-Comprobe (TEMP_CMPRB_1375_0 Positive pulse Temp tool	'2.88	1.38	15.00

Dataset: dowdy 8-6-10 cbl.db: field/well/run1/MERGE1
Total Length: 24.98 ft
Total Weight: 126.50 lb
O.D. 2.75 in

Company	ENCANA OIL & GAS INC.
Well	DOWDY 8-6-10
Field	WATTENBERG
County	WELD
State	COLORADO