Company	ENCANA OIL & GAS
Well	NORTH RINN 2-6-9
Field	WATTENBERG
County	WELD
State	COLORADO

CEMENT BOND, V.D.L. GAMMA-RAY, C.C.L.

Company ENCANA OIL & GAS
Well NORTH RINN 2-6-9
Field WATTENBERG
County WELD State COLORADO

Location: API # : 051233389400000
SHL: 1140' FSL & 1133' FWL SWSW
SEC 9 TWP 2N RGE 68W

Other Services
NONE

Permanent Datum GL Elevation 4866
Log Measured From GL
Drilling Measured From KB

Elevation
K.B. 4879
D.F. 4879
G.L. 4866

Date	8-12-13
Run Number	1
Depth Driller	7974
Depth Logger	7927'
Bottom Logged Interval	7927'
Top Log Interval	2800'
Open Hole Size	7 7/8"
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	251
Estimated Cement Top	3049'
Time Well Ready	ROA
Time Logger on Bottom	AM
Equipment Number	24
Location	FT. MORGAN
Recorded By	JOHN HOLLIS
Witnessed By	TOM MAJORS

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5"	11.6#		
Liner				

<<< 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

S.O. # 2-203993

THANK YOU FOR USING PIONEER ENERGY SERVICES

E
N OOOOXOOO S
W

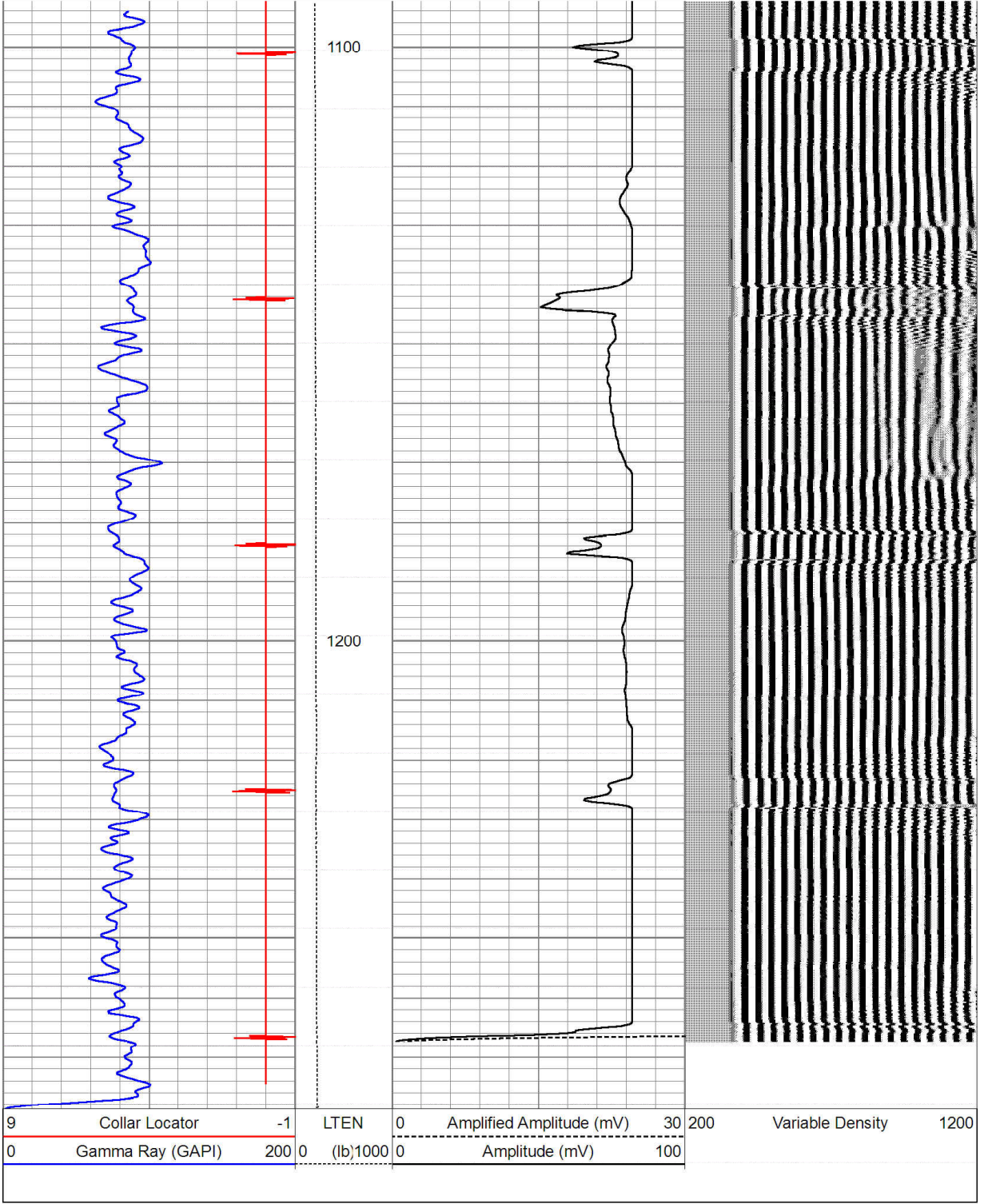
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			SDSCHD Cable Head for Testing	1.00	1.44	1.00
			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
WVF3 WVF5	12.48 11.48		CBL-Probe (110215) 2.75 digital probe	8.75	2.75	106.50
			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
CCL	4.13		CCL-Probe (081119)	2.02	2.75	
GR	0.79		GR-Probe275dig (110249) Probe Digital Gamma-Ray	3.33	2.75	57.00

Dataset: north rinn 2-6-9.db: field/well/run1/pass3
Total Length: 20.85 ft
Total Weight: 214.50 lb
O.D. 2.75 in

FREE PIPE PASS

Database File: north rinn 2-6-9.db
Dataset Pathname: pass1
Presentation Format: cbl_dr
Dataset Creation: Mon Aug 12 10:16:14 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	LTEN		0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	(lb) 1000	0	Amplitude (mV)	100			

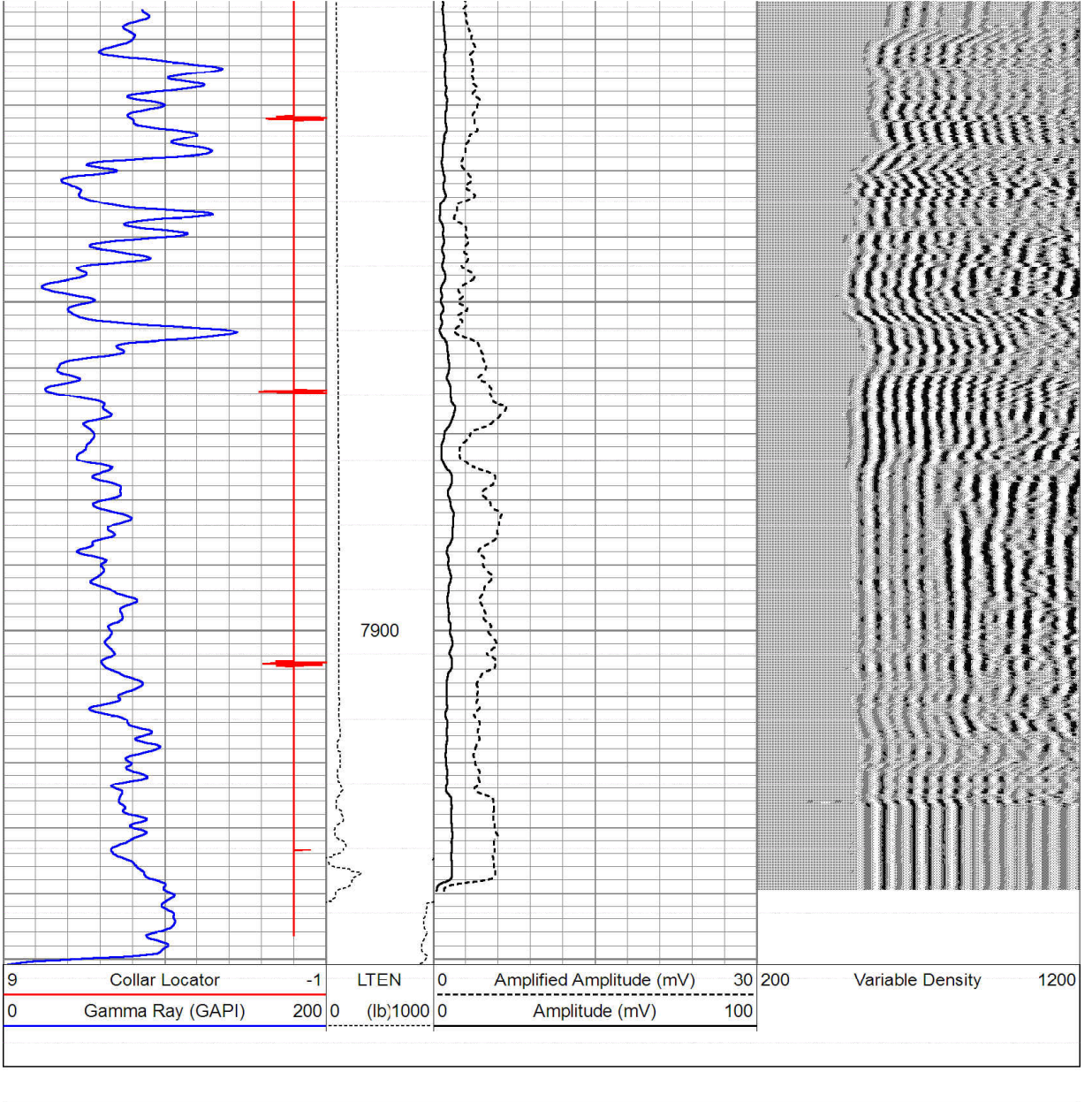


9	Collar Locator	-1	LTEN		0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	(lb) 1000	0	Amplitude (mV)	100			

REPEAT PASS

Database File: north rinn 2-6-9.db
Dataset Pathname: pass2
Presentation Format: cbl_dr
Dataset Creation: Mon Aug 12 10:39:18 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	LTEN		0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	(lb) 1000	0	Amplitude (mV)	100			



9	Collar Locator	-1	LTEN		0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	(lb) 1000	0	Amplitude (mV)	100			

MAIN PASS

Database File: north rinn 2-6-9.db
Dataset Pathname: pass3
Presentation Format: cbl_dr
Dataset Creation: Mon Aug 12 10:42:19 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	LTEN		0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	(lb) 1000	0	Amplitude (mV)	100			

PIONEER WIRELINE SERVICES

MAIN PASS