C&J ENERGY SERVICES

GAMMA RAY / CCL
CEMENT BOND / VDL

Company	EXTRACTION OIL & GAS INC.
Well	KUETTEL 14-10
Field	WATTENBERG
County	WELD
State	COLORADO

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Well KUETTEL 14-10
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05-123-20146
SW / SW
SEC 10 TWP 5N RGE 65W

Other Services

Permanent Datum GL Elevation 4642'
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4654'
D.F. 4653'
G.L. 4642'

Date	August 29, 2019
Run Number	One
Depth Driller	7193'
Depth Logger	4000'
Bottom Logged Interval	4000'
Top Log Interval	Surface
Casing Size	4 1/2
Type Fluid	Water
Max. Recorded Temp.	NA
Estimated Cement Top	---
Time Well Ready	2:00pm
Time Logger On Bottom	2:30pm
Unit Number	200054
Tool Size / ID Number	2 3/4 Tecko
Location	HWY 34 & 18th
Recorded By	Adam Frank
Witnessed By	Kelley Reinhardt

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8	24#	Surface	412'
Prot. String				
Production String	4 1/2	11.6#	Surface	7191'
Liner				

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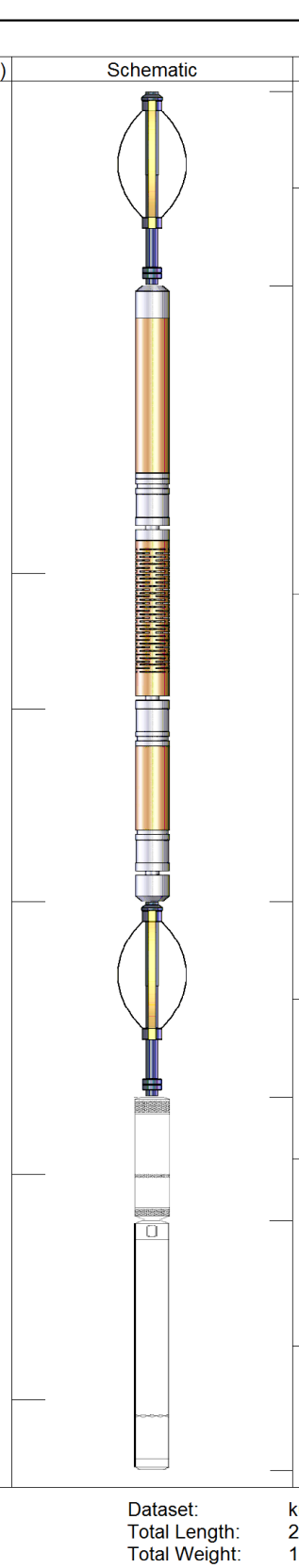
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

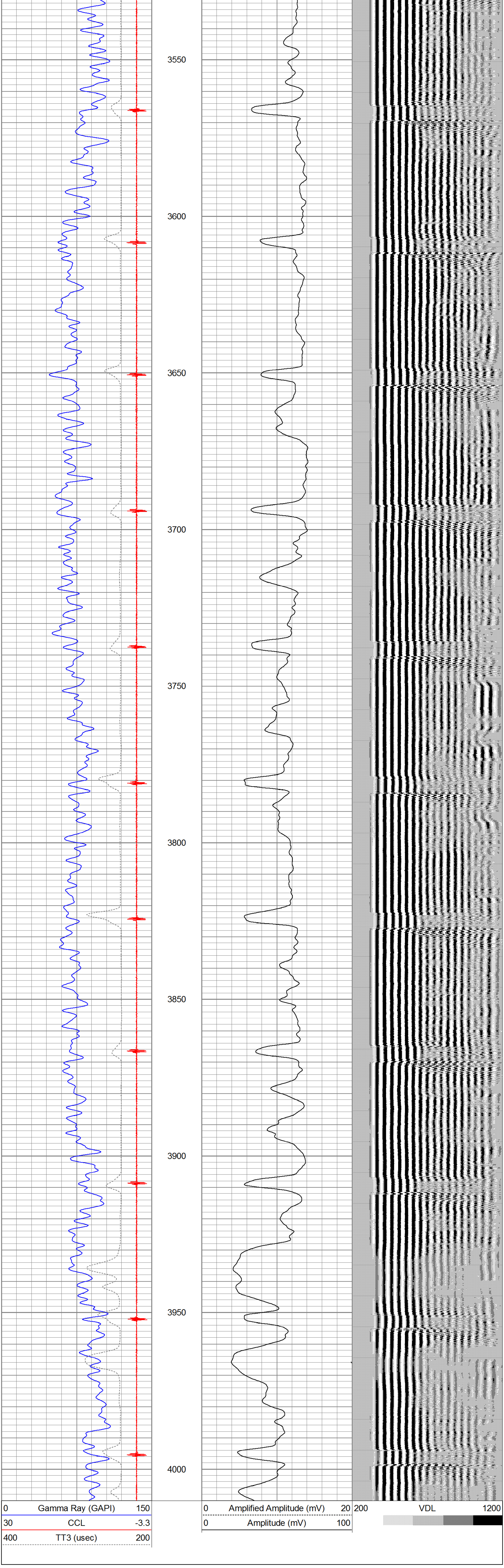
Thank You for using Casedhole Solutions!
Log Not Correlated
Log ran with 12' KB

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT-TEKCO (234CENT-1) 2 3/4" Centralizer	2.88	2.75	10.00
WVF3FT	13.21		SCBL-TEKCO (234B35C-8013) tekco 2 3/4" SCBL tool	9.06	2.75	102.00
WVF5FT	11.21					
WVFCAL	8.38					
			1	2.88	2.00	8.00
CCL	4.35		CCL-tekco (234CCL-169) 2 3/4" TEKCO Collar Locator	1.83	2.75	10.00
GR	1.04		GR-TekcoGR (234GR-328) 2 3/4" TEKCO Gamma Ray	3.67	2.75	20.00

Dataset: kuettel 14-10.db: field/well/run1/pass2
Total Length: 20.31 ft
Total Weight: 150.00 lb
O.D. 2.75 in

Database File: kuettel 14-10.db
Dataset Pathname: pass2
Presentation Format: nuexbond
Dataset Creation: Thu Aug 29 14:01:04 2019 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150	0 Amplified Amplitude (mV) 20	200 VDL 1200
30 CCL -3.3	0 Amplitude (mV) 100	
400 TT3 (usec) 200		


3550
3600
3650
3700
3750
3800
3850
3900
3950
4000
0 Gamma Ray (GAPI) 150
30 CCL -3.3
400 TT3 (usec) 200
0 Amplified Amplitude (mV) 20
0 Amplitude (mV) 100
200 VDL 1200