JET WEST GEOPHYSICAL SERVICES, LLC

CORRELATION
GAMMA-RAY CCL

Proj 2021 Rec 12/31/2009
Document 2143492

Company	COGCC
Well	WAGON GULCH 34-5-4-2
Field	FRUITLAND COAL MONITOR WELL
County	ARCHULETA
State	COLORAO

Company COGCC
Well WAGON GULCH 34-5-4-2
Field FRUITLAND COAL MONITOR WELL
County ARCHULETA State COLORAO

Location: API # :
SW SW SECTION 4
SEC 4 TWP 34N RGE 5W

Other Services
PERF

Permanent Datum	GROUND LEVEL Elevation	Elevation
Log Measured From	K.B. 6.2' ABOVE PERM DATUM	K.B. D.F. G.L.
Drilling Measured From	KELLY BUSHING	

Date	10-16-08		
Run Number	ONE		
Depth Driller	883'		
Depth Logger	857'		
Bottom Logged Interval	855'		
Top Log Interval	SURF		
Open Hole Size	6.25"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	N/A		
Time Well Ready	ROA		
Time Logger on Bottom	SEE LOG		
Equipment Number	400		
Location	FARMINGTON NM		
Recorded By	S. TILLEN		
Witnessed By	D. FOUST		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8"	SURF	258'				
TWO	6.25"	258'	883'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	7.0"		SURF	256.6
Prot. String				
Production String	4.5"		SURF	883'
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 WAS CORRELATED TO JET WEST ELECTRIC GAMMA LOG DATED 10-12-08

JET WEST GEOPHYSICAL SERVICES, LLC

MAIN PASS

Database File: 15255grccl.db
Dataset Pathname: pass7
Presentation Format: gr-ccl
Dataset Creation: Thu Oct 16 11:51:31 2008 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

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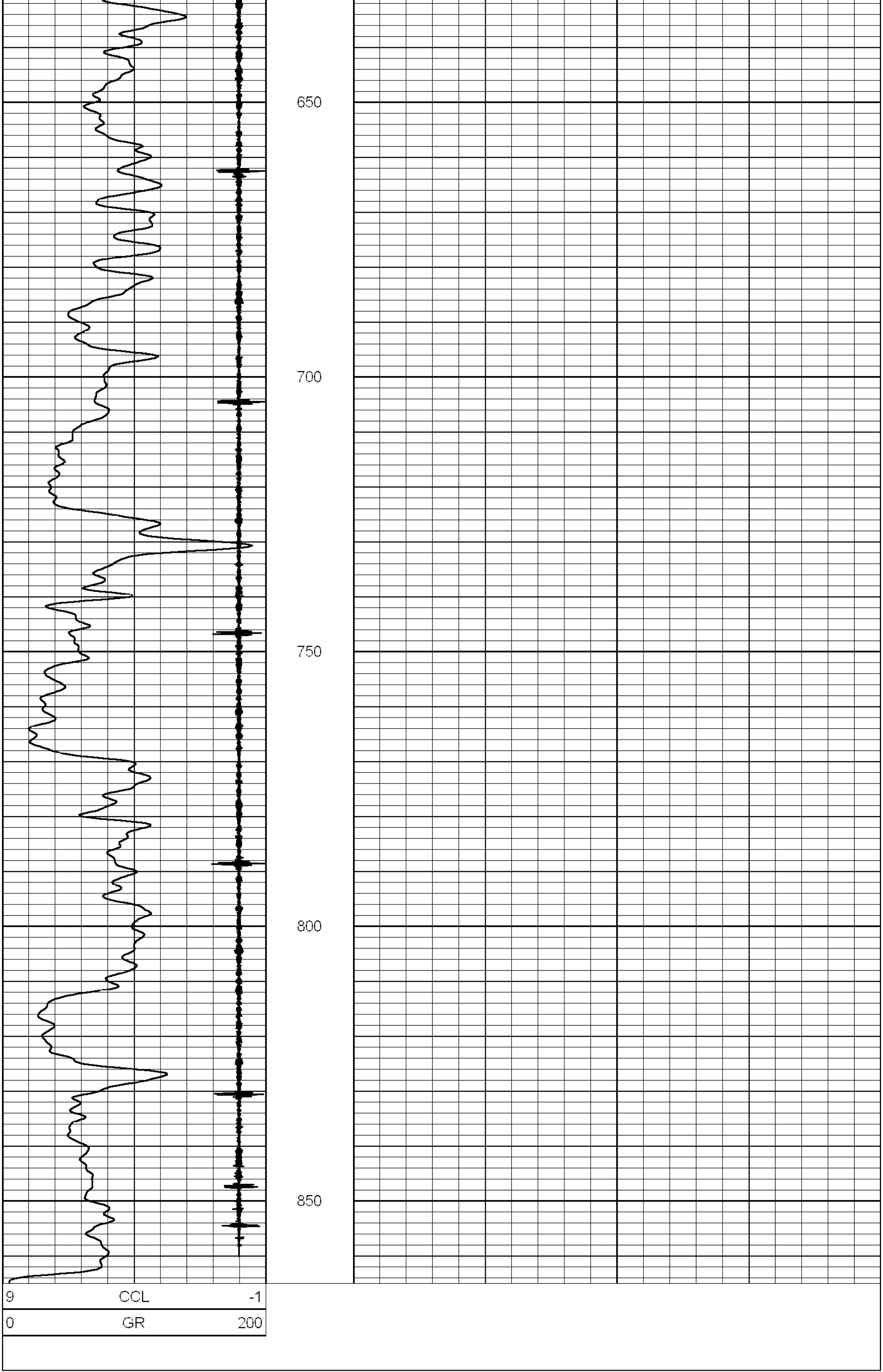
MAIN PASS

JET WEST GEOPHYSICAL SERVICES, LLC

REPEAT PASS

Database File: 15255grccl.db
Dataset Pathname: pass6
Presentation Format: gr-ccl
Dataset Creation: Thu Oct 16 11:36:48 2008 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240



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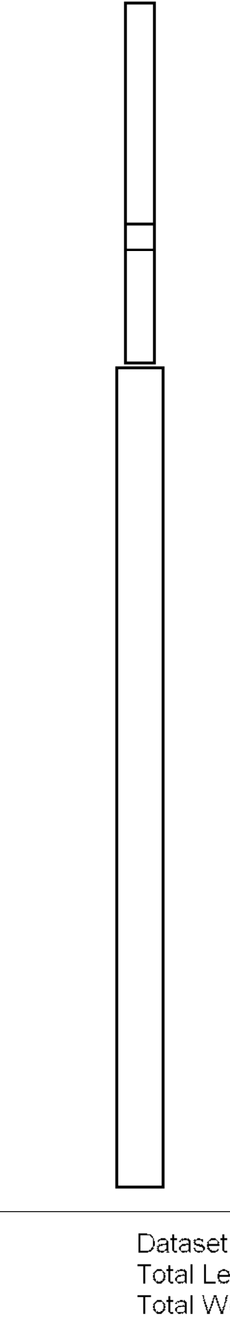
REPEAT PASS

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CHD	6.80		sdschd	1.00	1.45	1.00
CCL	4.74		CCL-Titan (TTN_1)	1.79	2.75	20.00
GR	1.42		GR-Titan (TTN_1)	4.01	2.75	77.00

Dataset: /field/well/run/_plots_/_jobs_/job1
Total Length: 6.80 ft
Total Weight: 98.00 lb
O.D.: 2.75 in