Proj 2021 Received 12/31/2009
Document 2143492

JET WEST
GEOPHYSICAL SERVICES, LLC

CORRELATION GAMMA-RAY CCL

Company	COGCC
Well	WAGON GULCH 34-5-4-1
Field	FRUITLAND COAL MONITOR WELL
County	ARCHULETA
State	COLORAO

Company COGCC
Well WAGON GULCH 34-5-4-1
Field FRUITLAND COAL MONITOR WELL
County ARCHULETA State COLORAO

Location: API # :
SW SW S4 T34N R5W
SEC 4 TWP 34N RGE 5W

Other Services
PERF

Permanent Datum GROUND LEVEL Elevation
Log Measured From GROUND LEVEL
Drilling Measured From KELLY BUSHING

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

Date	10-16-08
Run Number	ONE
Depth Driller	944'
Depth Logger	894'
Bottom Logged Interval	892'
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	252'				
TWO	6.25"	252'	944'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	7.0"		SURF	252'
Prot. String				
Production String	4.5"		SURF	938'
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 10-2-08

JET WEST
GEOPHYSICAL SERVICES, LLC

MAIN PASS

Database File: 15254grccl.db
Dataset Pathname: pass3
Presentation Format: gr-ccl
Dataset Creation: Thu Oct 16 09:53:36 2008 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

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MAIN PASS

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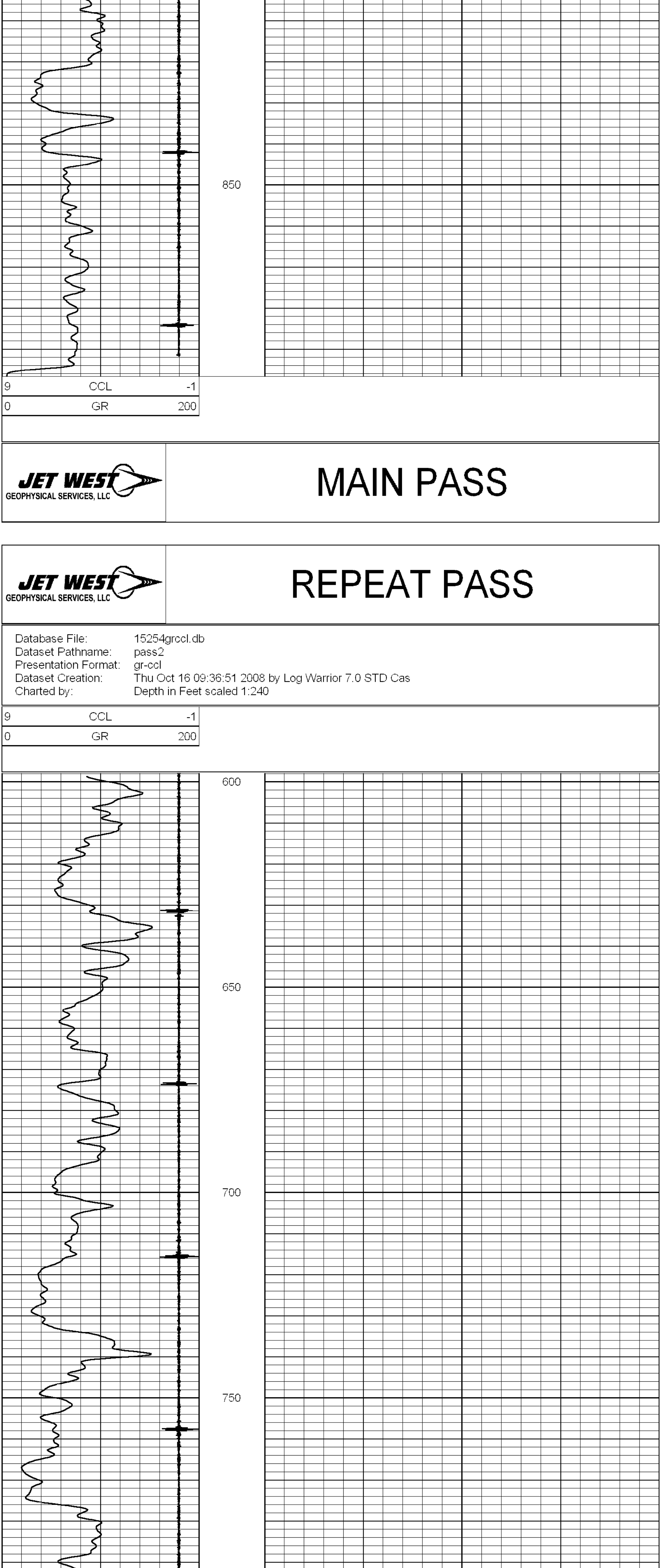
REPEAT PASS

Database File: 15254grccl.db
Dataset Pathname: pass2
Presentation Format: gr-ccl
Dataset Creation: Thu Oct 16 09:36:51 2008 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240



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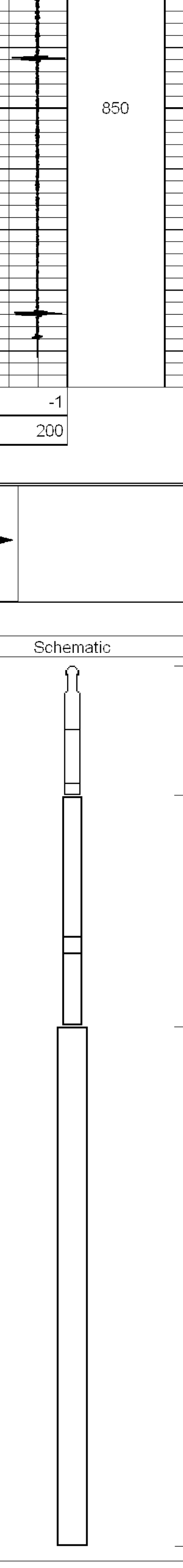
REPEAT PASS



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_/jobF
Total Length: 6.80 ft
Total Weight: 98.00 lb
O.D.: 2.75 in