



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Osawatomie, KS 68064  
 913.755.2128

**GAMMA RAY / NEUTRON / CCL**

File No.

Company **Altavista Energy, Inc.**

Well **Leonard No. A1-33**

Field **Perry / Halligan**

County **Woodson** State **Kansas**

Location **3010' FSL & 1690' FEL**

Other Services **SE-SW-NE**

Sec. **18** Twp. **26S** Rge. **17E**

Permanent Datum **GL** Elevation **1025'**

Log Measured From **GL** K.B. NA

Drilling Measured From **GL** D.F. NA

Date **03-31-2023** Elevation **GL 1025'**

Run Number **One**

Depth Driller **890.8**

Bottom Logged Interval **889.8**

Top Log Interval **20.0**

Fluid Level **Full**

Type Fluid **Water**

Density / Viscosity **NA**

Salinity - PPM Cl **NA**

Max Recorded Temp **NA**

Estimated Cement Top **0.0**

Equipment No. **102** Location **Osawatomie**

Recorded By	Location	Equipment No.	Estimated Cement Top	Max Recorded Temp	Salinity - PPM Cl	Density / Viscosity	Type Fluid
Doug Evans <td>Osawatomie <td>102</td> <td>0.0</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>Water</td> </td>	Osawatomie <td>102</td> <td>0.0</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>Water</td>	102	0.0	NA	NA	NA	Water

Washed By	Location	Equipment No.	Estimated Cement Top	Max Recorded Temp	Salinity - PPM Cl	Density / Viscosity	Type Fluid

Run	BIT	FROM	TO	SIZE	WGT	FROM	TO
One	9.875"	0.0	21.70	7.00"	17.0 #	0.0	21.70
Two	5.875"	21.70	930.0	2.875"	6.5 #	0.0	923.65

Run	BIT	FROM	TO	SIZE	WGT	FROM	TO
One	9.875"	0.0	21.70	7.00"	17.0 #	0.0	21.70
Two	5.875"	21.70	930.0	2.875"	6.5 #	0.0	923.65

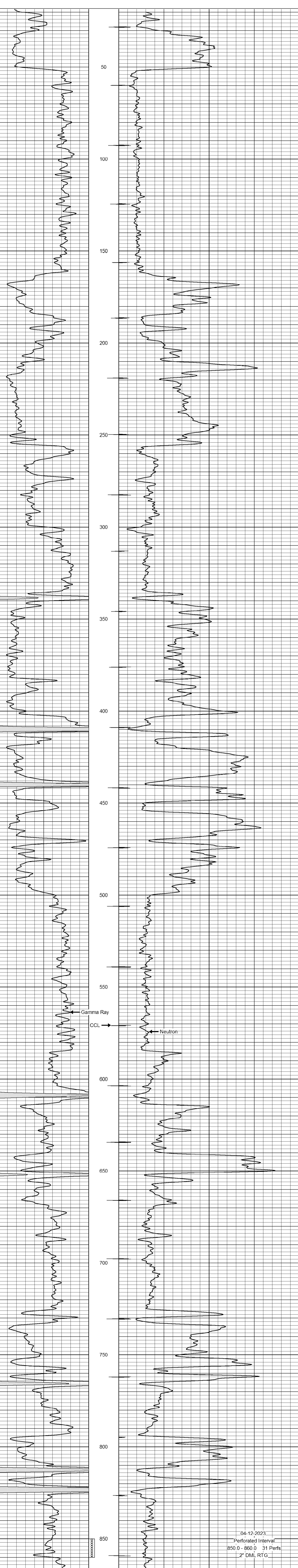
<<< Fold Here >>>

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

Drilling Contractor :  
 McGown Drilling, Inc.

Database File: leonard 33ai.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Fri Mar 31 12:58:22 2023 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240



04-12-2023  
 Perforated Interval  
 850.0 - 860.0 31 Perfs  
 2" DML RTG