



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913.755.2128

GAMMA RAY / NEUTRON / CCL

File No.

Company Midstates Energy Operating, LLC.

Well Mark Leach No. 1-1

Field Norwood

County Franklin State Kansas

Location 2001' FSL & 293' FEL

SE-NE-NE-SE

Sec. 20 Twp. 15s Rge. 20e

Perforant Datum GL Elevation 978

Log Measured From GL

Drilling Measured From GL 978

Date 11-21-2017

Run Number One

Depth Driller 779.0

Depth Logger 779.0

Bottom Logged Interval 778.0

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. Location 104 Osawatomie

Recorded By Gary Windisch

Witnessed By T.J. Ballou

BORE-HOLE RECORD				CASING RECORD			
RUN No.	BIT FROM	TO	SIZE	WGT.	FROM	TO	
One	9.875"	0.0	7.00"	17.0	0.0	22.5	
Two	5.625"	22.5	2.875"	7.90.0	6.5	0.0	784.0

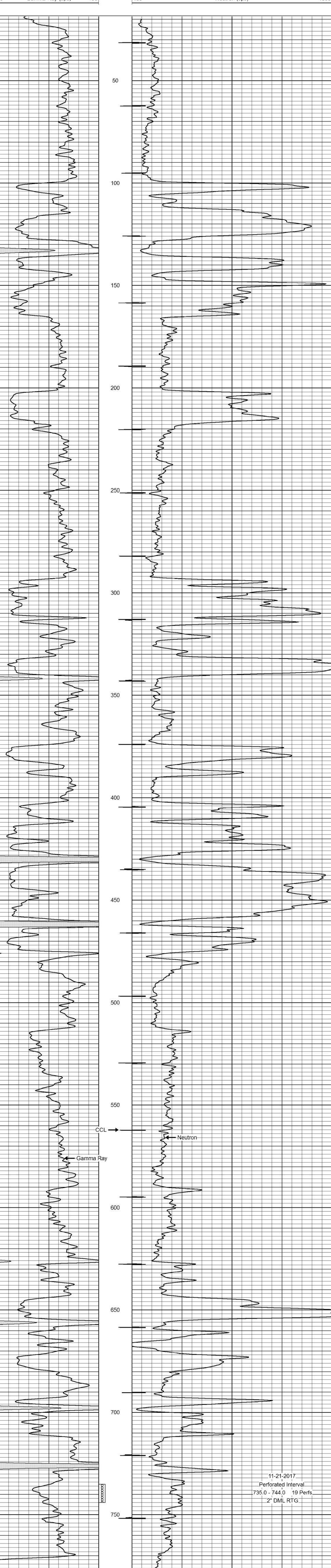
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on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

Drilling Contractor :
 Evans Energy & Development, Inc.

Database File: mark leach 1i.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Tue Nov 21 09:58:31 2017 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240



11-21-2017
 Perforated Interval
 735.0 - 744.0 19 Perfs.
 2" DML RTG