



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No. _____

Company **Black - Travis, Inc.**
 Well **Travis No. KR-50**

Field **Paola - Rantoul**

County **Miami** State **Kansas**

Location **495' FSL & 4795' FEL**
NE-SW-SW-SW

Other Services
 Perforate

Sec. **10** Twp. **17s** Rge. **22e**
 Permanent Datum **GL** Elevation **993'**
 Log Measured From **GL**
 Drilling Measured From **GL**

Date **11-05-2014**

Run Number **One**

Depth Driller **702.0**

Depth Logger **650.8**

Bottom Logged Interval **649-8**

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. **107** Location **Osawatomie**
 Recorded By **Steve Winksch**
 Witnessed By **Brad Kramer**

BORE-HOLE RECORD				CASINGS RECORD			
RUN	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	22.8	7.00"	14.0 #	0.0	22.80
Two	5.875"	22.8	702.0	2.875"	6.5 #	0.0	684.20
					Set	At	652.65

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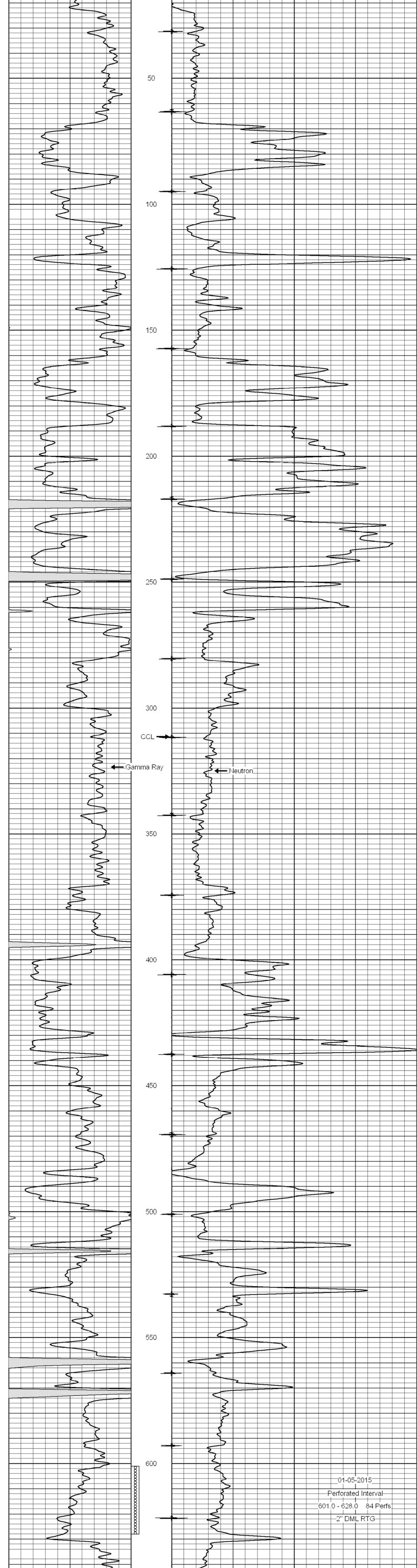
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Database File: travis 50kr.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Wed Nov 05 15:29:23 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (cps)	150	-1 CCL 1	10	Neutron (cps)	2100
150	Gamma Ray (cps)	300				



01-05-2015
 Perforated Interval
 601.0 - 628.0 84 Perfs
 2" DML RTG

0	Gamma Ray (cps)	150	-1 CCL 1	10	Neutron (cps)	2100
150	Gamma Ray (cps)	300				